US EPA RECORDS CENTER REGION 5
498906

SAMPLING DATA

ecology and environment, inc.
111 WEST JACKSON BLVD., CHICAGO, ILLINOIS 60604, TEL. 312 663 9415
International Specialists in the Environment

D-5

Date Received for Review: 1-9-86 Date Review Completed: 1-13-86

To: Dave Curnock

From: Cynthia Pugh / Suzanne Kozlowski

Subject: U.S. Scrap Illinois R05-8303-01E

Sample Description: Case # 5174 6 low soil metals analyses and CN^-

Project Data Status: waiting for organics

FIT Data Review Findings: See attached CRL review. CN^- data is unusable. Data acceptable for use. See notes on sample MEG 172 page.

Additional Comments:

Book No. 5
Page No. 64

53

recycled paper

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION V

DATE: 12-27-85

SUBJECT: Review of Region V CLP Data
Received for Review on 12/6/85

FROM: Curtis Ross, Director (5SCRL)
Central Regional Laboratory Jay Thakker

TO: Data User: Jt

RECEIVED JAN 09 1986

We have reviewed the data for the following case(s).

SITE NAME: U.S. Scrap SMO Case No. 5174

EPA Data Set No. 5F 2784 No. of Samples: 6 D.U./Activity Numbers 49051 C48500

CRL No. 86FC02560 - 86FC02565

SMO Traffic No. MEG172-MEG175; MEE208-MEE209

CLP Laboratory: Weyerhaeuser Hrs. Required for Review: 15 hrs

Following are our findings.

This review covers analysis of six low level soils for total metals and CN. Resubmitted Form I's and easier to read raw data, plus correctly marked analytes on some samples held up the review. Cr should not "E" for serial dilution. Spike recovery for Sb (60%) and Hg (11%) is biased low. RPD is above CRL for Al (31), Hg (23), and Zn (26). Contractor reported spike added on Form I in mg/kg units, which are different numbers than the required conc. to be added, listed in contract, since Contract calls for ppb but they are correct. Sb uses CRDL rather than IDL to report less than values for samples. Ag + Sn are calculated to other detection limits than reported. Cr does not list a detection limit. Many values of analytes below detection are bracketed as well as placing a "U" after the value.

( ) Data are acceptable for use. This is a new lab, unfamiliar with Contrac
(X) Data are acceptable for use with qualifications noted above. 12-26-85
( ) Data are preliminary - pending verification by Contractor Laboratory. DM
( ) Data are unacceptable.

→ CN⁻ is overdue. Void all results.

cc: Dr. Alfred Haeberer/Joan Fisk/Gary Ward, EPA Support Services
Ross K. Robeson, EMSL-Las Vegas
Don Trees, CLP/Sample Management Office

EPA FORM 1320-6 (REV. 3-76)

RECEIVED JAN 0 9 1986

U.S. EPA Contract Laboratory Program
Sample Management Office
P.O. Box 818 - Alexandria VA 22313
(703) 557-2490 FTS: 8-557-2490

Date: 11/6/85

COVER PAGE
INORGANIC ANALYSES DATA PACKAGE

Lab Name Weyerhaeuser Case No. 5174

SOW No. 784 QC Report No. 12992

Sample Numbers

EPA No.	Lab ID No.	EPA No.	Lab ID No.
MEG 172	75702		
MEG 173	75703		
MEG 174	75704		
MEG 175	75705		
MEE 208	75706		
MEE 209	75707		

SOILS

Comments: Total metals, cyanide
Last three digits of Lab ID No used in RAW DATA.
E on Cr. due to matrix interference (14% difference)
RAW data includes information from other cases.

ICP Interelement and background corrections applied? Yes X No ____

If yes, corrections applied before X or after ____ generation of raw data.

Footnotes:

NR - not required by contract at this time

Form I:

Value - If the result is a value greater than or equal to the instrument detection limit but less than the contract required detection limit, report the value in brackets (i.e., [10]). Indicate the analytical methods used with P (for ICP/Flame AA) or F (for furnace) (cold vapor = c).

U - Indicates element was analyzed for but not detected. Report with the detection limit value (e.g., 10U).

E - Indicates a value estimated or not reported due to presence of interference. Explanatory note included on cover page.

s - Indicates value determined by Method of Standard Addition.

R - Indicates spike sample recovery is not within control limits.

* - Indicates duplicate analysis is not within control limits.

\+ - Indicates the correlation coefficient for method of standard addition is less than 0.995.

55

In Reference to Case No(s): 5174

Contract Laboratory Program
REGIONAL/LABORATORY COMMUNICATION SYSTEM
Telephone Record Log

Date of Call: 12/17/85

RECEIVED JAN 09 1986

Laboratory Name: Weyerhaeuser
Lab Contact: Mr Shelton
Region: 5
Regional Contact: Dorothy

Call Initiated By: ___ Laboratory X Region

In reference to data for the following sample number(s):

Summary of Questions/Issues Discussed: Request from Region
Please correct Forms 1 A) Remove Brackets on Values with U B) * all aluminum and Bracket Ba for sample MEG 172, MEG 173
C) Poor copies ICP data

Summary of Resolution:
Cont corrections 12/17/85

Mike Shelton
Signature

12/17
Date

Distribution: (1) Lab Copy, (2) Region Copy, (3) SMO Copy

56

Form I

RECEIVED JAN 0 9 1986

U.S. EPA Contract Laboratory Program
Sample Management Office
P.O. Box 818 - Alexandria VA 22313
(703) 557-2490 FTS: 8-557-2490

EPA Sample No. MEG 172

Date: 11/26/85

INORGANIC ANALYSES DATA SHEET

Lab Name Weyerhaeuser Case No. 5174

SOW No. 784

Lab Sample ID No. 75702 QC Report No. 12992

Elements Identified and Measured

Concentration: Low X Medium ____

Matrix: Water ____ Soil X Sludge ____ Other ____

µg/L or mg/kg dry weight (Circle One)

1.	Aluminum	4390 *	P	13.	Magnesium	4190	P
✓ 2.	Antimony	40 U R	P	14.	Manganese	114	P
✓ 3.	Arsenic	14	F	✓ 15.	Mercury	1.4 R *	C
4.	Barium	[84]	P	✓ 16.	Nickel	[24]	P
✓ 5.	Beryllium	2.6 U	P	17.	Potassium	[1030]	P
✓ 6.	Cadmium	[3.8]	P	✓ 18.	Selenium	[34]	F
7.	Calcium	8420	P	✓ 19.	Silver	2.6 U	P
✓ 8.	Chromium	44 E	P	20.	Sodium	[229]	P
✓ 9.	Cobalt	[22]	P	✓ 21.	Thallium	[3]	F
✓ 10.	Copper	40	P	✓ 22.	Tin	13 U	P
11.	Iron	30700	P	✓ 23.	Vanadium	[20]	P
✓ 12.	Lead	438	P	24.	Zinc	625 *	P
Cyanide		0.64 U		Percent Solids (%)		75.5	

Footnotes: For reporting results to EPA, standard result qualifiers are used as defined on Cover Page. Additional flags or footnotes explaining results are encouraged. Definition of such flags must be explicit and contained on Cover Page, however.

Comments: ✓ are toxic metals
○ are hits
F, P & C are methods of analyses used
[x] less than x
R indicates low spike recovery (no effect on soil results)
* indicates relative % difference above CRL limits

Lab Manager [signature]

57

003

Form I

RECEIVED JAN 0 9 1986

U.S. EPA Contract Laboratory Program
Sample Management Office
P.O. Box 818 - Alexandria VA 22313
(703) 557-2490 FTS: 8-557-2490

EPA Sample No. MEG 173

Date: 11/26/85

INORGANIC ANALYSES DATA SHEET

Lab Name Weyerhaeuser Case No. 5174

SOW No. 784

Lab Sample ID No. 75703 QC Report No. 12992

Elements Identified and Measured

Concentration: Low X Medium ____

Matrix: Water ____ Soil X Sludge ____ Other ____

µg/L or mg/kg dry weight (Circle One)

1.	Aluminum	3180 *	P	13.	Magnesium	[742]	P
2.	Antimony	354 R	P	14.	Manganese	22	P
3.	Arsenic	7.9	F	15.	Mercury	0.21 R *	C
4.	Barium	[38]	P	16.	Nickel	12	P
5.	Beryllium	2.3U	P	17.	Potassium	[1040]	P
6.	Cadmium	[1.1]	P	18.	Selenium	3U	F
7.	Calcium	[1410]	P	19.	Silver	2.3U	P
8.	Chromium	13 E	P	20.	Sodium	[267]	P
9.	Cobalt	[2.7]	P	21.	Thallium	2U	F
10.	Copper	40	P	22.	Tin	12U	P
11.	Iron	19200	P	23.	Vanadium	[18]	P
12.	Lead	254	P	24.	Zinc	77 *	P
	Cyanide	0.6U			Percent Solids (%)	82.0	

Footnotes: For reporting results to EPA, standard result qualifiers are used as defined on Cover Page. Additional flags or footnotes explaining results are encouraged. Definition of such flags must be explicit and contained on Cover Page, however.

Comments: see notes on sample page MEG 172

58

Lab Manager [signature]

004

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Form I

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Sample Management Office
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(703) 557-2490 FTS: 8-557-2490

EPA Sample No. MEG 174

Date: 11/26/85

INORGANIC ANALYSES DATA SHEET

Lab Name Weyerhaeuser Case No. 5174

SOW No. 784

Lab Sample ID No. 75704 QC Report No. 12992

Elements Identified and Measured

Concentration: Low X Medium ____

Matrix: Water ____ Soil X Sludge ____ Other ____

µg/L or mg/kg dry weight (Circle One)

1.	Aluminum	4500 *	P	13.	Magnesium	[724]	P
2.	Antimony	374 R	P	14.	Manganese	27	P
3.	Arsenic	12	F	15.	Mercury	0.29 R*	C
4.	Barium	[76]	P	16.	Nickel	[14]	P
5.	Beryllium	2.44	P	17.	Potassium	[1120]	P
6.	Cadmium	[1.8]	P	18.	Selenium	34	F
7.	Calcium	[1910]	P	19.	Silver	2.44	P
8.	Chromium	21 E	P	20.	Sodium	[158]	P
9.	Cobalt	[3.2]	P	21.	Thallium	24	F
10.	Copper	20	P	22.	Tin	[12]	P
11.	Iron	13500	P	23.	Vanadium	[19]	P
12.	Lead	264	P	24.	Zinc	90 *	P
	Cyanide	8.9			Percent Solids (%)	78.6	

Footnotes: For reporting results to EPA, standard result qualifiers are used as defined on Cover Page. Additional flags or footnotes explaining results are encouraged. Definition of such flags must be explicit and contained on Cover Page, however.

Comments: see notes on sample page MEG 172

59

Lab Manager [signature]

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Form I

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Sample Management Office
P.O. Box 818 - Alexandria VA 22313
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EPA Sample No. MEG 175

Date: 11/26/85

INORGANIC ANALYSES DATA SHEET

Lab Name Weyerhaeuser Case No. 5174

SOW No. 784

Lab Sample ID No. 75705 QC Report No. 12992

Elements Identified and Measured

Concentration: Low X Medium ____

Matrix: Water ____ Soil X Sludge ____ Other ____

µg/L or mg/kg dry weight (Circle One)

1.	Aluminum	3750 *	P	13.	Magnesium	[624]	P
2.	Antimony	404 R	P	14.	Manganese	28	P
3.	Arsenic	20	F	15.	Mercury	0.17 R *	C
4.	Barium	[70]	P	16.	Nickel	[18]	P
5.	Beryllium	.264	P	17.	Potassium	[1800]	P
6.	Cadmium	3.4	P	18.	Selenium	.34	F
7.	Calcium	12 900	P	19.	Silver	2.64	P
8.	Chromium	12 E	P	20.	Sodium	[280]	P
9.	Cobalt	[3.3]	P	21.	Thallium	24	F
10.	Copper	26	P	22.	Tin	134	P
11.	Iron	33 600	P	23.	Vanadium	[21]	P
12.	Lead	178	P	24.	Zinc	295 *	P
Cyanide		0.644		Percent Solids (%)		75.4	

Footnotes: For reporting results to EPA, standard result qualifiers are used as defined on Cover Page. Additional flags or footnotes explaining results are encouraged. Definition of such flags must be explicit and contained on Cover Page, however.

Comments: see notes on sample page MEG172

60

Lab Manager Steve Vincent

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Form I

U.S. EPA Contract Laboratory Program
Sample Management Office
P.O. Box 818 - Alexandria VA 22313
(703) 557-2490 FTS: 8-557-2490

EPA Sample No. MEE 208

Date: 11/26/85

INORGANIC ANALYSES DATA SHEET

Lab Name Weyerhaeuser Case No. 5174

SOW No. 784

Lab Sample ID No. 75706 QC Report No. 12992

Elements Identified and Measured

Concentration: Low X Medium ____

Matrix: Water ____ Soil X Sludge ____ Other ____

µg/L or mg/kg dry weight (Circle One)

1.	Aluminum	6390 *	P	13.	Magnesium	[22700]	P
✓2.	Antimony	364 R	P	14.	Manganese	91	P
✓3.	Arsenic	14	F	✓15.	Mercury	0.43 R*	C
4.	Barium	123	P	✓16.	Nickel	29	P
✓5.	Beryllium	2.44	P	17.	Potassium	[1590]	P
✓6.	Cadmium	[2.8]	P	✓18.	Selenium	[34]	F
7.	Calcium	5890	P	✓19.	Silver	2.44	P
✓8.	Chromium	72 E	P	20.	Sodium	[158]	P
✓9.	Cobalt	[13]	P	✓21.	Thallium	[24]	F
✓10.	Copper	31	P	✓22.	Tin	13	P
11.	Iron	24300	P	✓23.	Vanadium	[24]	P
✓12.	Lead	398	P	24.	Zinc	399 *	P
Cyanide		3.3		Percent Solids (%)		79.6	

Footnotes: For reporting results to EPA, standard result qualifiers are used as defined on Cover Page. Additional flags or footnotes explaining results are encouraged. Definition of such flags must be explicit and contained on Cover Page, however.

Comments: see notes on sample page MEG172

61

Lab Manager Steve Vincent 00

Form I

RECEIVED JAN 0 9 1986

U.S. EPA Contract Laboratory Program
Sample Management Office
P.O. Box 818 - Alexandria VA 22313
(703) 557-2490 FTS: 8-557-2490

EPA Sample No. MEE 209

Date: 11/26/85

INORGANIC ANALYSES DATA SHEET

Lab Name Weyerhaeuser Case No. 5174

SOW No. 784

Lab Sample ID No. 75707 QC Report No. 12992

Elements Identified and Measured

Concentration: Low X Medium ____

Matrix: Water ____ Soil X Sludge ____ Other ____

µg/L or mg/kg dry weight (Circle One)

1.	Aluminum	2750 *	P	13.	Magnesium	40 000	P
✓2.	Antimony	304 R	P	14.	Manganese	503	P
✓3.	Arsenic	6.0	F	✓15.	Mercury	0.054 R*	C
4.	Barium	[72]	P	✓16.	Nickel	[12]	P
✓5.	Beryllium	2.04	P	17.	Potassium	[565]	P
✓6.	Cadmium	[1.2]	P	✓18.	Selenium	[34]	F
7.	Calcium	89 100	P	✓19.	Silver	2.04	P
✓8.	Chromium	7.9 E	P	20.	Sodium	[293]	P
✓9.	Cobalt	[5.7]	P	✓21.	Thallium	[24]	F
✓10.	Copper	18	P	✓22.	Tin	104	P
11.	Iron	18 600	P	✓23.	Vanadium	[15]	P
✓12.	Lead	339	P	24.	Zinc	127 *	P
	Cyanide	0.534			Percent Solids (%)	91.7	

Footnotes: For reporting results to EPA, standard result qualifiers are used as defined on Cover Page. Additional flags or footnotes explaining results are encouraged. Definition of such flags must be explicit and contained on Cover Page, however.

Comments: see notes on sample page MEG 172

Lab Manager [signature]

62

008

lt22/1107/d10

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

DIVISION OF LAND POLLUTION CONTROL ANALYSIS FORM

C10290 JUN2675

LASALLE County — Region II

OTTAWA Municipality — U.S. SCRAP Operator

SOUTH SHORE OF POND - AT A POINT WHERE BARRELS COME IN CONTACT WITH POND
Source or Location

Date collected 6-25-75

Time 11:45 p.m. °C 82° °F (a.m.) Sample temp.

Sample appearance: FAIRLY CLEAR - W. SMALL AMOUNT OF SUSPENDED MATERIAL

Collector comments: WATER AT POND LOCATION HAD A SLIGHT OIL FILM ON SURFACE - AND SLIGH ODOR.

1 Routine Analysis
X 2 Industrial Waste Analysis
3 Groundwater Analysis
4 Special Analysis

Flow Rate ____
Age of Flow ____ (Leachate only)
Well No. ____
Sample No. A

RECEIVED JUL 11 1975 ILL. E.P.A. - D.L.P.C. STATE OF ILLINOIS

Type of Analysis 1	2	3	4	Parameters	mg/l*
				Alkalinity $CaCO_3$	____.XXXX
X				Ammonia N	0.09XX
	X	X		Arsenic As	0.00 0X
		X		Barium Ba	____.XXX
				BOD - 5	____.XXXX
X	X	X		Boron B	0.1XXX
	X	X		Cadmium Cd	0.00XX
				Calcium Ca	____.XXX
X	X	X		COD	37.XXXX
X	X	X		Chloride Cl	25.XXXX
	X			Chromium Cr (tot)	0.00XX
	X			Chromium Cr^{+6}	0.00XX
	X			Copper Cu	0.01XX
	X	X		Cyanide CN	0.00 4X
				Dissolved oxygen	____.XXX
				Fecal coli (#/100 ml.)	____.XXXX
				Fluoride F	____.XXX
				Hardness $CaCO_3$	____.XXXX
X	X	X		Iron Fe	1.2XXX
X	X	X		Lead Pb	0.02XX
				Magnesium Mg	____.XXX
					0.58XX

Type of Analysis 1	2	3	4	Parameters	mg/l*
				MBAS	____.XXX
				Nickel Ni	____.XXX
		X		Nitrate-nitrite N	____.XX
		X		Oil	____.XXXX
X	X			pH (units)	XX 8.3XXX
	X	X		Phenols	0.008X
				Phosphorus P	____.XX
				Potassium K	____.XXX
X	X	X		R.O.E. (180° C)	1140.XXXX
		X		Selenium Se	____.X
				Silica SiO_2	____.XXXX
	X			Silver Ag	0.00XX
				Sodium Na	____.XXX
				SC (umhos/cm)	____.XXXX
X	X	X		Sulfate SO_4	700.XXXX
				Sulfide S	____.XXX
				TSS	____.XXXX
X	X			Zinc Zn	0.1XXX

*values exceeding no. of places shown are reported in lab comments section.

Parameters	mg/l*
	____.XXX
	____.XXX
	____.XXX
	____.XXX
	____.XXX
	____.XXX
	____.XXX
	____.XXX

Kenneth Buckley — DLPC
Collected by — Div.

Steve Goldwin — WPC — 10:00 AM 6/26
Transported by — Div.

Surface Water: Upstream, Downstream, Lake
Leachate: Flow, Pond, Collection System
Groundwater: Well

LAB USE ONLY

Lab No. C010290

Date Rec'd 6/26/75

Rec'd by R. Ferdman Time 12:45

Sample temperature acceptable Yes No

Sample properly preserved Yes No

Tests req'd 20 Tests run 20

Date analyses completed 7-9-75

Date analyses forwarded 7-10-75

Chicago — P. Mukerchuk
Lab Section — Supervisor

Lab Comments:

100% Recycled Pap

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

DIVISION OF LAND POLLUTION CONTROL ANALYSIS FORM

C10291 JUN26'75

RECEIVED JUL 11 I.E.P.A.-D.L.P.C. STATE OF ILLINOIS

LaSalle County — Region II

Ottawa Municipality — U.S. Scrap Operator

S.E. Shore of Pond — Source or Location

Date collected 6-25-75

Time 11:55 a.m. (a.m.) — °C 82° °F Sample temp.

Sample appearance: Clear

Collector comments: Water at pond location had a slight oil fl. on surface

1 Routine Analysis

X 2 Industrial Waste Analysis

3 Groundwater Analysis

4 Special Analysis

Flow Rate ____

Age of Flow ____ (Leachate only)

Well No. ____

Sample No. B

Type of Analysis 2	3	4	Parameters	mg/l*
			Alkalinity $CaCO_3$	____.XXXX
X			Ammonia N	___0.04XX
X	X		Arsenic As	___0.000X
	X		Barium Ba	____.XXXX
			BOD - 5	____.XXXX
X	X		Boron B	___0.2XXX
X	X		Cadmium Cd	___0.00XX
			Calcium Ca	____.XXXX
X	X		COD	__37.XXXX
X	X		Chloride Cl	__25.XXXX
X			Chromium Cr (tot)	___0.00XX
X			Chromium Cr^{+6}	___0.00XX
X			Copper Cu	___0.00XX
X	X		Cyanide CN	___0.00XX
			Dissolved oxygen	____.XXX
			Fecal coli (#/100 ml.)	____.XXXX
			Fluoride F	____.XXX
			Hardness $CaCO_3$	____.XXXX
X	X		Iron Fe	___XXXXX
X	X		Lead Pb	___0.01XX
			Magnesium Mg	____.XXX
X	X		Manganese Mn	___0.65XX
X			Mercury Hg	___0.0000

Type of Analysis 1	2	3	4	Parameters	mg/l*
				MBAS	____.XXX
				Nickel Ni	____.XXX
		X		Nitrate-nitrite N	____.XX
		X		Oil	____.XXXX
X	X			pH (units)	XX__7.9XXX
	X	X		Phenols	___0.006X
				Phosphorus P	____.XX
				Potassium K	____.XXX
X	X	X		R.O.E. (180° C)	1230.XXXX
		X		Selenium Se	____.X
				Silica SiO_2	____.XXXX
	X			Silver Ag	___0.00XX
				Sodium Na	____.XXX
				SC (umhos/cm)	____.XXXX
X	X	X		Sulfate SO_4	__700.XXXX
				Sulfide S	____.XXX
				TSS	____.XXXX
X	X			Zinc Zn	___0.0XXX

*values exceeding no. of places shown are reported in lab comments section.

Parameters	mg/l*
	____.XX
	____.XX
	____.XX
	____.XX
	____.XX
	____.XX
	____.XX
	____.XX

Kenneth Buckley — DLPC
Collected by — Div.

Steve Baldwin — WPC — 10:00 AM 6/26
Transported by — Div.

Surface Water: Upstream, Downstream, (Lake), Run-off, Flood Water

Leachate: Flow, Pond, Collection System

Groundwater: Well, Spring

LAB USE ONLY

Lab No. C010291

Date Rec'd 6/26/75

Rec'd by R. Fleckman 1274

Sample temperature acceptable Yes No

Sample properly preserved Yes No

Tests req'd 20 Tests run 20

Date analyses completed 7-9-75

Date analyses forwarded 7-10-75

Chicago — Lab Section ____ Supervisor ____

Lab Comments:

* Iron - 0.2

LPC-8

100% Recycled Pap

Purpose Code (Use 1 thru 4) ILD 980 902 209 USE SW-846 Methods? 7.5

Program Code LP42 (Time Card) Sample # KW2 Yes ☒ No ☐

Time Collected: 2:05 pm Lab # D046684

SPECIAL ANALYSIS FORM

Date Collected: 4-7-86 Date Received APR 10 1986

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF LAND/NOISE POLLUTION CONTROL

COUNTY:	FILE HEADING:	FILE NUMBER:
La Salle	U. S. Scrap/Ottawa	09908009

SOURCE OF SAMPLE: (Exact Location) Composite sample from seven location along south central area of the bank along the pond.

PHYSICAL OBSERVATIONS, REMARKS: SOIL SAMPLE (2 bottles - 6-oz. glass & THM vial)

TESTS REQUESTED: Scan for Extractable Organics & Pesticides

COLLECTED BY: R. Wengrow TRANSPORTED BY: UPS

LABORATORY

RECEIVED BY: SB DATE COMPLETED: DATE FORWARDED: 8-11-86

J. Hurley

RECEIVED
AUG 12 1986
IEPA-DLPC

IL 532-0314
LPC 8A 4/77

(NOT FOR DATA PROCESSING)

D046684

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

SAMPLE NUMBER : D646684
SAMPLING POINT DESC. : LASALLE/OTTAWA/US SCRAP/KW2

SUBMITTING SOURCE # : SITE # :
DATE COLLECTED : 860407 TIME COLLECTED : 1405 SAMPLING PROGRAM :

COLLECTED BY : LLL DELIVERED BY : MESS
COMMENTS : PESTICIDES, EXTRACTABLE ORGANICS
FUNDING CODE : LP42 AGENCY ROUTING : 00 UNIT CODE :
SAM TYPE CODE : SAMPLE PURPOSE CODE : 0

DATE RECEIVED : 860410 TIME RECEIVED : 1000 RECEIVED BY : S B
LAB OBSERVATIONS : 6OZ SOIL/1-40ML H20 REPORTING INDICATOR :
SUPERVISORS INITIALS : JTH NOTE : K = LESS THAN VALUE

P39519	PCB'S	UG/KG	1.0K
P39333	ALDRIN	UG/KG	1.0K
P39383	DIELDRIN	UG/KG	1.0K
P39359	TOTAL DDT	UG/KG	1.0K
P39328	O,P'-DDE	UG/KG	1.0K
P39321	P,P'-DDE	UG/KG	1.0K
P39316	O,P'-DDD	UG/KG	1.0K
P39311	P,P'-DDD	UG/KG	1.0K
P39306	O,P'-DDT	UG/KG	1.0K
P39301	P,P'-DDT	UG/KG	1.0K
P39351	TOTAL CHLORDANE	UG/KG	1.0K
P39064	CHLORDANE,CIS ISOMER	UG/KG	1.0K
P39067	CHLORDANE,TRANS ISOMER	UG/KG	1.0K
P39393	ENDRIN	UG/KG	1.0K
P39481	METHOXYCHLOR	UG/KG	5.0K
P39076	ALPHA BHC	UG/KG	1.0K
P39343	LINDANE	UG/KG	1.0K
P39701	HEXACHLOROBENZENE	UG/KG	1.0K
P39413	HEPTACHLOR	UG/KG	1.0K
P39423	HEPTACHLOR EPOXIDE	UG/KG	1.0K
	BIS(2-CHLOROETHYL)ETHER	UG/G	1.0K
	1,3-DICHLOROBENZENE	UG/G	1.0K
	1,4-DICHLOROBENZENE	UG/G	1.0K
	1,2-DICHLOROBENZENE	UG/G	1.0K
	BIS(2-CHLOROISOPROPYL)ETHER	UG/G	1.0K
	HEXACHLOROETHANE	UG/G	1.0K
	N-NITROSO-DI-N-PROPYLAMINE	UG/G	1.0K
	NITROBENZENE	UG/G	1.0K
	ISOPHORONE	UG/G	2
	BIS(2-CHLOROETHOXY)METHANE	UG/G	1.0K
	1,2,4-TRICHLOROBENZENE	UG/G	1.0K
	NAPHTHALENE	UG/G	1
	HEXACHLOROBUTADIENE	UG/G	1.0K
	HEXACHLOROCYCLOPENTADIENE	UG/G	1.0K

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2-CHLORONAPHTHALENE	UG/G :	1.0K
ACENAPHTHYLENE	UG/G :	1.0K
DIMETHYL PHTHALATE	UG/G :	1.0K
2,6-DINITROTOLUENE	UG/G :	1.0K
ACENAPHTHENE	UG/G :	1.0K
2,4-DINITROTOLUENE	UG/G :	1.0K
FLUORENE	UG/G :	1.0K
DIETHYL PHTHALATE	UG/G :	1.0K
4-CHLOROPHENYL PHENYL ETHER	UG/G :	1.0K
4-BROMOPHENYL PHENYL ETHER	UG/G :	1.0K
HEXACHLOROBENZENE	UG/G :	1.0K
PHENANTHRENE	UG/G :	1.0K
ANTHRACENE	UG/G :	1.0K
DI-N-BUTYLPHTHALATE	UG/G :	1
FLUORANTHENE	UG/G :	1.0K
PYRENE	UG/G :	1.0K
BUTYL BENZYL PHTHALATE	UG/G :	1
CHRYSENE	UG/G :	1.0K
BENZO(A)ANTHRACENE	UG/G :	1.0K
3,3'-DICHLOROBENZIDINE	UG/G :	1.0K
BIS(2-ETHYLHEXYL)PHTHALATE	UG/G :	6
DI-N-OCTYLPHTHALATE	UG/G :	1.0K
BENZO(B)FLUORANTHENE	UG/G :	1.0K
BENZO(K)FLUORANTHENE	UG/G :	1.0K
BENZO(A)PYRENE	UG/G :	1.0K
INDENO(1,2,3-C,D)PYRENE	UG/G :	1.0K
DIBENZO(A,H)ANTHRACENE	UG/G :	1.0K
BENZO(GHI)PERYLENE	UG/G :	1.0K
PHENOL	UG/G :	1.0K
2-CHLOROPHENOL	UG/G :	1.0K
2-NITROPHENOL	UG/G :	1.0K
2,4-DIMETHYL PHENOL	UG/G :	1.0K
2,4-DICHLOROPHENOL	UG/G :	1.0K
2,4-DINITROPHENOL	UG/G :	1.0K
2-METHYL-4,6-DINITROPHENOL	UG/G :	1.0K
4-NITROPHENOL	UG/G :	1.0K
4-CHLORO-3-METHYLPHENOL	UG/G :	1.0K
2,4,6-TRICHLOROPHENOL	UG/G :	1.0K
PENTACHLOROPHENOL	UG/G :	1.0K
CHLOROMETHANE	UG/G :	1.0K
BROMOMETHANE	UG/G :	1.0K
VINYL CHLORIDE	UG/G :	1.0K
CHLOROETHANE	UG/G :	1.0K
METHYLENE CHLORIDE	UG/G :	1.0K
TRICHLOROFLUOROMETHANE	UG/G :	1.0K
1,1-DICHLOROETHYLENE	UG/G :	1.0K
1,1-DICHLOROETHANE	UG/G :	1.0K
TRANS-1,2-DICHLOROETHYLENE	UG/G :	1.0K

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SAMPLE NUMBER : D646684

CHLOROFORM	UG/G	: 1.0K
1,2-DICHLOROETHANE	UG/G	: 1.0K
1,1,1-TRICHLOROETHANE	UG/G	: 6
CARBON TETRACHLORIDE	UG/G	: 1.0K
BROMODICHLOROMETHANE	UG/G	: 1.0K
1,2-DICHLOROPROPANE	UG/G	: 1.0K
TRANS-1,3-DICHLOROPROPENE	UG/G	: 1.0K
TRICHLOROETHYLENE	UG/G	: 16
BENZENE	UG/G	: 1.0K
DIBROMOCHLOROMETHANE	UG/G	: 1.0K
1,1,2-TRICHLOROETHANE	UG/G	: 1.0K
CIS-1,3-DICHLOROPROPENE	UG/G	: 1.0K
2-CHLOROETHYLVINYL ETHER	UG/G	: 1.0K
BROMOFORM	UG/G	: 1.0K
1,1,2,2-TETRACHLOROETHANE	UG/G	: 1.0K
TETRACHLOROETHYLENE	UG/G	: 9
TOLUENE	UG/G	: 11
CHLOROBENZENE	UG/G	: 1.0K
ETHYLBENZENE	UG/G	: 4
XYLENE	UG/G	: 60

030 : THE FOLLOWING QUANTITATIONS ARE APPROXIMATE

031 : BROMOBENZENE	UG/G	: 6	(TENTATIVE IDENT.)
032 : C-3 SUBSTITUTED BENZENES	UG/G	: 1	
033 : C-4 SUBSTITUTED BENZENES	UG/G	: 2	
034 : C-5 SUBSTITUTED BENZENES	UG/G	: 1	
035 : ALIP. HC.	UG/G	:20	
036 : OTHER MISC. ORGANICS	UG/G	: 6	

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D.5

MONITORING WELL INVENTORY DATA SHEET

I. Site Information

Site Name: U.S. SCRAP
WSTS/PAN: FIL0102
TDD: F05-8611-193
Address:
City: CHICAGO
State: IL
Zip Code:
County: COOK

II. Subcontracting Information

Subcontractor: FOX
Cost (optional):
Address: ITASCA

III. NPL Listing

Yes ☐
No ☐
Date of Listing:

IV Monitoring Well Information

Well #	Installation Date	Abandonment Date	Well Depth	Well Material	Screen Length	Screened Interval	Geologic Unit Monitored

Lock Number(s)

V. Last Sampling Date ___/___/___ Noted as of ___/___/___
___/___/___ Noted as of ___/___/___
___/___/___ Noted as of ___/___/___
___/___/___ Noted as of ___/___/___
___/___/___ Noted as of ___/___/___

ST Peter

Page 1 **ILLINOIS GEOLOGICAL SURVEY, URBANA**

Strata	Thickness	Top	Bottom
Clay, gravel and Boulders	15	0	15
Coal seams	1	15	16
St. Peters sandstone	62	16	78

Finished in St. Peters Sandstone at 16-78'.

Cased with 4" from 0-18'.

Size hole below casing 4".

Static level from surface 19'.

Tested capacity 10 gallons per minute.

Water lowered to No Draw Down.

Length of test 2 hours.

Original Returned.
No Envelope.

COMPANY Charles E. Woodruff Co.
FARM Ward, Frank NO.
DATE DRILLED COUNTY NO. 1133
AUTHORITY Charles E. Woodruff Co.
ELEVATION
LOCATION Cottage on E.bank of river at power dam
COUNTY LA SALLE 28-34N-4E

ST. Peter

Page 1 **ILLINOIS GEOLOGICAL SURVEY, URBANA**

Strata	Thickness	Top	Bottom
Clay and hard pan	105	0	105
Shale	20	105	125
Coal	2	125	127
Fire Clay	5	127	132
St. Peters Sandstone	79	132	211

Finished in Sandstone at 132'-211'.

Cased with 4" from 0-132'.

Size hole below casing 4".

Static level from surface 123'.

Tested capacity 10 gallons per minute.

Water lowered to 127'.

Length of test 4 hours.

Original Returned.
No Envelope.

COMPANY Charles E. Woodruff Co.
FARM Trumbo, Franklin Mrs. NO. 1
DATE DRILLED 1948 COUNTY NO. 1132
AUTHORITY Charles E. Woodruff Co.
ELEVATION
LOCATION Approximately SW SE SE (Farm Home)
COUNTY LA SALLE 28-34N-4E

ST. Peter

John C. Moore Corporation, Rochester, N. Y. Binder and holes in leaves, each Patented 1908. 286434

(54389—2311)

TOWN Marseilles TOWNSHIP MAP No. 12

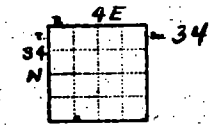
COMPANY 3 Mi West and 3½ north

FARM Jay Shamer

AUTHORITY

ELEVATION 630 T.M. HOLE No.

COLLECTOR DATE DRILLED



No.	COUNTY No. 46 STRATA	THICKNESS FEET	THICKNESS IN.	DEPTH FEET	DEPTH IN.
	Clay, blue	150		150	
	Soapstone	40		190	
	Sand rock, St. Peter	33		223	
	Water 100 feet				

County La Salle Index No. 1234

T.—DRILL RECORD 34-34N-4E

(55)