SAMPLING DATA

Page 1 of 1

ESDA 900158

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. 1631210009 County St. Clair

Federal I.D. No. ILD 098624 24 Sauget / T.W.I.
(Facility Name)

SAMPLING TEAM

Sample No.	Initials	Consisting of the Indicated No. of Bottles	Date Collected	Time Sealed
X-201	[redacted]	2	1/19/90	2:30 AM/PM
				AM/PM
				AM/PM
				AM/PM
				AM/PM
				AM/PM
				AM/PM
				AM/PM
				AM/PM
				AM/PM

Sealer's Signature Mark C Schlueter Date 1/19/90 Time 2:30 AM/PM

Sampler(s) - received from Dennis Warchol of TWI

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
Mark C Schlueter	1/24/90	1100 AM/PM			AM/PM
		AM/PM			AM/PM
		AM/PM			AM/PM
		AM/PM			AM/PM
		AM/PM			AM/PM
		AM/PM			AM/PM
		AM/PM			AM/PM

RECEIVED
- 4 JUN 1990
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 Jeanne Virgin Date JAN 25 1990 Time 10:00 A.M. P.M.

Lab Location Springfield (City)

IL 532-1147
LPC 141 9/83

120-011

RECORD CODE L I P C S M 0 1 | TRANS CODE A

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF LAND POLLUTION CONTROL
CHEMICAL ANALYSIS FORM

Page 1 of ___

D078604

ESAA 900158

REPORT DUE DATE 36 M ___ / D ___ / Y 41 FEDERAL ID NUMBER ILD 0 9 8 6 4 2 4 2 4

SITE INVENTORY NUMBER 1 L 3 1 2 1 0 0 0 9 18

REGION 5 CO. St Clair

Sauget / Trade Waste Incinerator
FACILITY NAME

MONITOR POINT NUMBER X 2 0 1 (see Instructions) 19 22

DATE COLLECTED 01 / 19 / 90 23 M D Y 25

IEPA LAB (x or Blank) (see Instructions) 29

FOR IEPA USE ONLY | COMPLAINT NO. ___

DATE RECEIVED 42 M ___ / D ___ / Y 47

SAMPLING PURPOSE CODE 3 (see Instructions) 48

TIME CARD PROGRAM CODE 4 P 4 1 49 52 & UNIT CODE 0 53

BACKGROUND SAMPLE (X) 54

TIME ~~COLLECTED~~ received (24 HR CLOCK) 14:30 55 H M 58

UNABLE TO COLLECT SAMPLE (see Instructions) 59

MONITOR POINT SAMPLED BY (see Instructions) 60 OTHER (SPECIFY)

SAMPLE FIELD FILTERED - INORGANICS (X) 61 ORGANICS (X) 62

SAMPLE APPEARANCE Dark Brown / Black Waste Octanoyl Chloride residue 102

COLLECTOR COMMENTS Sample consists of Two (2) Jars Tank #4 Heel 103 142

D078604

SPECIAL INSTRUCTIONS TO LAB - Organic Scan + pH

Trade Waste personnel — COLLECTED BY 133 INITIALS 135

Chemical Waste Management Trade Waste Incinerator — DIVISION OR COMPANY

UPS — TRANSPORTED BY

DIVISION OR COMPANY

LAB USE ONLY

LAB SAMPLE NO. D078604 LAB NAME Spfld LAB ID NO. 146 149

DATE RECEIVED JAN 25 1990 AND ADDRESS

TIME RECEIVED [illegible] PM

SAMPLE TEMP OKAY (Y/N) SAMPLE PROPERLY PRESERVED (Y/N) DATE COMPLETED ___ FORWARD 5-8-90

LAB COMMENTS 150 199

J Hurley
SUPERVISOR SIGNATURE

RECORD CODE L I P C S M 0 1 2 | TRANS CODE A (COLUMNS 9-29 FROM ABOVE)

FIELD MEASUREMENTS CONSTITUENT DESCRIPTION AND REQUIRED UNIT OF MEASURE	STORET NUMBER			< OR >	VALUE	REPORTING LEVEL	
DEPTH TO WATER (ft. below LS)	7 2 0 1 9 10 14	15	16	17	18 ____.____ 27	28	29
ELEVATION OF GW SURFACE (ft. ref MSL)	7 1 9 9 3				____.____		
TOTAL WELL DEPTH (ft. below LS)	7 2 0 0 8				____.____		
pH (units) - Field	0 0 4 0 0				____.____		
SPEC CONDUCTANCE (umhos) - Field	0 0 0 9 4				____.____		
TEMP OF WATER SAMPLE (°F) - Field	0 0 0 1 1				____.____		
DEPTH TO btm. CASING FROM M.P. (ft.)	7 2 0 3 9				____.____		
DEPTH TO WATER FROM M.P. (ft.)	7 2 1 0 9				____.____		
ELEVATION btm. CASING, MSL (ft.)	7 2 0 2 0				____.____		
M.P. ELEVATION ABOVE L.S. (ft.)	8 2 5 1 5				____.____		

RECEIVED
10 MAY 1990
IEPA/DLPC

This agency is authorized to require this information under Illinois Revised Statutes 1979 Chapter 111 1/2 Section 1004 and 1021. Disclosure of this information is required. Failure to do so may result in a fine of up to $25,000 for each day the failure continues, a fine up to $1,000.00 and imprisonment up to one year. This form has been approved by the Forms Management Center.

Page 1 of 1

ESDM 900158

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. 1631210009 County St. Clair

Federal I.D. No. ILD078624201 Sauget / T.W.I.
(Facility Name)

SAMPLING TEAM

Sample No.	Initials	Consisting of the Indicated No. of Bottles	Date Collected	Time Sealed
X-201	[redacted]	2	1/19/90	2:30 AM/PM
				AM/PM
				AM/PM
				AM/PM
				AM/PM
				AM/PM
				AM/PM
				AM/PM
				AM/PM
				AM/PM

Sealer's Signature [illegible] Date 1/19/90 Time 2:30 AM/PM

Sampler(s) - received from Dennis Wendel of TWI

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
[illegible]	1/24/90	11:00 AM/PM			AM/PM
		AM/PM			AM/PM
		AM/PM			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 [illegible] Date JAN 25 Time 10:00 A.M. P.M.

Lab Location Springfield (City)

IL 532-1147
LPC 141 9/88

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

SAMPLE NUMBER : 0078604
SAMPLING POINT DESC. : SAUGET/TRADE WASTE & INCINERATOR/X201

SUBMITTING SOURCE # : SITE # : 1631210009
DATE COLLECTED : 900119 TIME COLLECTED : 1430 SAMPLING PROGRAM :

COLLECTED BY : TRADE WASTE PERSONL DELIVERED BY : UPS
COMMENTS : ORG SCAN AND PH
FUNDING CODE : LP41 AGENCY ROUTING : -- UNIT CODE :
SAM TYPE CODE : SAMPLE PURPOSE CODE : 3 REPORTING INDICATOR :

DATE RECEIVED : 900125 TIME RECEIVED : 1000 RECEIVED BY : D V
LAB OBSERVATIONS : 2-8OZ CLEAR JARS TRIP BL SAM# :
SUPERVISORS INITIALS : JTH NOTE : K = LESS THAN VALUE

A34694	PHENOL	UG/G	: 380K
A34273	BIS(2-CHLOROETHYL)ETHER	UG/G	: 380K
A34586	2-CHLOROPHENOL	UG/G	: 380K
A34566	1,3-DICHLOROBENZENE	UG/G	: 380K
A34571	1,4-DICHLOROBENZENE	UG/G	: 380K
A77147	BENZYL ALCOHOL	UG/G	: 380K
A34536	1,2-DICHLOROBENZENE	UG/G	: 380K
A00000	2-METHYLPHENOL	UG/G	: 380K
A34283	BIS(2-CHLOROISOPROPYL)ETHER	UG/G	: 380K
A00000	4-METHYLPHENOL	UG/G	: 380K
A34426	N-NITROSO-DI-N-PROPYLAMINE	UG/G	: 380K
A34396	HEXACHLOROETHANE	UG/G	: 380K
A34447	NITROBENZENE	UG/G	: 380K
A34403	ISOPHORONE	UG/G	: 380K
A34591	2-NITROPHENOL	UG/G	: 380K
A34606	2,4-DIMETHYLPHENOL	UG/G	: 380K
A77247	BENZOIC ACID	UG/G	: 3800K
A34278	BIS(2-CHLOROETHOXY)METHANE	UG/G	: 380K
A34601	2,4-DICHLOROPHENOL	UG/G	: 380K
A34551	1,2,4-TRICHLOROBENZENE	UG/G	: 380K
A34696	NAPHTHALENE	UG/G	: 1100
A00000	4-CHLOROANILINE	UG/G	: 380K
A34391	HEXACHLOROBUTADIENE	UG/G	: 380K
A34452	4-CHLORO-3-METHYLPHENOL	UG/G	: 380K
A77416	2-METHYLNAPHTHALENE	UG/G	: 4600
A34366	HEXACHLOROCYCLOPENTADIENE	UG/G	: 380K
A34621	2,4,6-TRICHLOROPHENOL	UG/G	: 380K
A77687	2,4,5-TRICHLOROPHENOL	UG/G	: 380K
A34531	2-CHLORONAPHTHALENE	UG/G	: 380K

SAMPLE NUMBER : 0078604

A00000	2-NITROANILINE	UG/G	: 760K
A34341	DIMETHYLPHTHALATE	UG/G	: 380K
A34200	ACENAPHTHYLENE	UG/G	: 380K
A34026	2,6-DINITROTOLUENE	UG/G	: 380K
A78300	3-NITROANILINE	UG/G	: 760K
A34205	ACENAPHTHENE	UG/G	: 380K
A34616	2,4-DINITROPHENOL	UG/G	: 760K
A34646	4-NITROPHENOL	UG/G	: 760K
A81302	DIBENZOFURAN	UG/G	: 380K
A34611	2,4-DINITROTOLUENE	UG/G	: 380K
A34336	DIETHYLPHTHALATE	UG/G	: 380K
A34641	4-CHLOROPHENYL PHENYL ETHER	UG/G	: 380K
A34381	FLUORENE	UG/G	: 380K
A00000	4-NITROANILINE	UG/G	: 760K
A00000	4,6-DINITRO-2-METHYLPHENOL	UG/G	: 760K
A34636	4-BROMOPHENYL PHENYL ETHER	UG/G	: 380K
A39700	HEXACHLOROBENZENE	UG/G	: 380K
A39032	PENTACHLOROPHENOL	UG/G	: 760K
A34461	PHENANTHRENE	UG/G	: 380K
A34220	ANTHRACENE	UG/G	: 380K
A39110	DI-N-BUTYLPHTHALATE	UG/G	: 380K
A34376	FLUORANTHENE	UG/G	: 380K
A34469	PYRENE	UG/G	: 380K
A34292	BUTYL BENZYL PHTHALATE	UG/G	: 380K
A34631	3,3'-DICHLOROBENZIDINE	UG/G	: 760K
A34526	BENZO(A)ANTHRACENE	UG/G	: 380K
A34320	CHRYSENE	UG/G	: 380K
A39100	BIS(2-ETHYLHEXYL)PHTHALATE	UG/G	: 380K
A34596	DI-N-OCTYLPHTHALATE	UG/G	: 380K
A34230	BENZO(B)FLUORANTHENE	UG/G	: 380K
A34242	BENZO(K)FLUORANTHENE	UG/G	: 380K
A34247	BENZO(A)PYRENE	UG/G	: 380K
A34403	INDENO(1,2,3-CD)PYRENE	UG/G	: 380K
A34556	DIBENZO(AH)ANTHRACENE	UG/G	: 380K
A34521	BENZO(GHI)PERYLENE	UG/G	: 380K
A34418	CHLOROMETHANE	UG/G	: 200K
A34413	BROMOMETHANE	UG/G	: 200K
A39175	VINYL CHLORIDE	UG/G	: 200K
A34311	CHLOROETHANE	UG/G	: 1100
A34423	METHYLENE CHLORIDE	UG/G	: 900
A81552	ACETONE	UG/G	: 200K
A34488	TRICHLOROFLUOROMETHANE	UG/G	: 100K
A77277	BROMOCHLOROMETHANE	UG/G	: 100K

SAMPLE NUMBER : 0078604

A77041	CARBON DISULFIDE	UG/G	: 100K
A34301	1,1-DICHLOROETHYLENE	UG/G	: 100K
A34496	1,1-DICHLOROETHANE	UG/G	: 100K
A34546	TRANS-1,2-DICHLOROETHYLENE	UG/G	: 100K
A77093	CIS-1,2-DICHLOROETHYLENE	UG/G	: 100K
A32106	CHLOROFORM	UG/G	: 120
A34531	1,2-DICHLOROETHANE	UG/G	: 100K
A81595	2-BUTANONE(MEK)	UG/G	: 200K
A34506	1,1,1-TRICHLOROETHANE	UG/G	: 100K
A32102	CARBON TETRACHLORIDE	UG/G	: 100K
A77057	VINYL ACETATE	UG/G	: 200K
A32101	DICHLOROBROMOMETHANE	UG/G	: 100K
A34541	1,2-DICHLOROPROPANE	UG/G	: 100K
A34704	CIS-1,3-DICHLOROPROPENE	UG/G	: 100K
A39180	TRICHLOROETHYLENE	UG/G	: 100K
A32105	CHLORODIBROMOMETHANE	UG/G	: 100K
A34511	1,1,2-TRICHLOROETHANE	UG/G	: 100K
A78124	BENZENE	UG/G	: 28000
A34699	TRANS-1,3-DICHLOROPROPENE	UG/G	: 100K
A34576	2-CHLOROETHYLVINYL ETHER	UG/G	: 100K
A32104	BROMOFORM	UG/G	: 100K
A78133	4-METHYL-2-PENTANONE(MIBK)	UG/G	: 200K
A77103	2-HEXANONE(MBK)	UG/G	: 200K
A34475	TETRACHLOROETHYLENE	UG/G	: 100K
A34516	1,1,2,2-TETRACHLOROETHANE	UG/G	: 100K
A78131	TOLUENE	UG/G	: 160
A34301	CHLOROBENZENE	UG/G	: 100K
A78113	ETHYLBENZENE	UG/G	: 100K
A77126	STYRENE	UG/G	: 100K
A81551	XYLENE	UG/G	: 120

: PM 0.1
: THE FOLLOWING QUANTITATIONS ARE APPROXIMATE

: ALIPHATIC SUBSTITUTED BENZENES	UG/G;	2000
: DIMETHYL NAPHTHALENE	UG/G;	1400
: C4-SUBSTITUTED BENZENE	UG/G;	3300
: C5-SUBSTITUTED BENZENE	UG/G;	2000
: ALIPHATIC ACID ESTER	UG/G;	8600
: ALIPHATIC ACID	UG/G;	52000
: ALIPHATIC KETONE	UG/G;	16000
: ALIPHATIC HYDROCARBON	UG/G;	2400
: OTHER ORGANIC COMPOUNDS	UG/G;	23000

GENERATOR'S WASTE MATERIAL PROFILE SHEET

PLEASE PRINT IN INK OR TYPE (Elite, 12-pitch).

9276-06

TWT

J 86876

Waste Profile Sheet Code

CWM Location of Original: Tech Center

(SHADED AREAS FOR CWM USE ONLY)

CWM Sales Rep. #: 212

GENERAL INFORMATION

Generator Name: _____ 2. Generator USEPA ID: _____

Facility Address: _____ 4. Generator State ID: _____

per G.L.

5. Zip Code:

Technical Contact: _____ 7. Title: _____ 8. Phone: _____

MAIL CHEMICAL WASTE MANAGEMENT, INC. INVOICES TO

1. ☒ Generating Facility (A. above), or

Company Name: _____ 3. Phone. _____

Address: _____

5. Zip Code: _____

1. NAME OF WASTE OCL residue

2. PROCESS GENERATING WASTE Octanoyl chloride manufacturing

Is this waste a Dioxin listed waste as defined in 40 CFR 261.31 (e.g., F020, F021, F022, F023, F026, F027, or F028)?

☐ Yes ☒ No If yes, DO NOT COMPLETE this form. Contact your Chemical Waste Management, Inc. sales representative for assistance.

PHYSICAL CHARACTERISTICS OF WASTE

Color:	2. Does the waste have a strong incidental odor?	3. Physical State @ 70°F:	4. Layers:	5. Specific Gravity:	6. Free Liquids:
Brown to black	☐ No ☒ Yes If known, describe: Alkyl Chloride	☐ Solid ☐ Semi-Solid ☒ Liquid ☐ Powder Other:	☐ Multilayered ☐ Bi-layered ☒ Single Phased	Range: 1.00 g/ml	☒ Yes ☐ No Volume: 100 %

pH: ☒ ≤ 2 ☐ > 2-4 ☐ 4-7 ☐ 7 ☐ 7-10 ☐ 10- < 12.5 ☐ ≥ 12.5 ☐ Range _____ ☐ NA

Liquid Flash Point: ☐ < 73°F ☐ 73-99°F ☐ 100-139°F ☐ 140-199°F ☒ ≥ 200°F ☐ None ☒ Closed Cup ☐ Open Cup

CHEMICAL COMPOSITION

	RANGE MIN.	MAX.	
Octanoyl Chloride	15	30	%
Octanoic Acid	10	20	%
Related Compounds	50	75	%
(Phosphorus-containing chlorinated carboxylic acids)			%
Other C6+ Carboxylic Acids	1	5	%
			%
perfluorooctanoic acid			%
			%
			%
			%
			%
			%

Please note: The chemical composition total in the maximum column must be greater than or equal to 100%. TOTAL: ~~125~~ 130 %

Indicate if this waste contains any of the following:

	NONE	or LESS THAN	or ACTUAL	
PCB's	☒	☐ < 50 ppm	_____	ppm
Cyanides	☒	☐ < 50 ppm	_____	ppm
Phenolics	☒	☐ < 50 ppm	_____	ppm
Sulfides	☒	☐ < 50 ppm	_____	ppm

Date 9/27/89

F. METALS

Indicate if this waste contains any of the following:

1. ☐ EP TOX/TCLP or 2. ☒ Total

METAL	LESS THAN (Parts Per Million)	or	ACTUAL
Arsenic	☒ < 5	☐ < 500	
Barium	☒ < 100		
Cadmium	☒ < 1	☐ < 100	
Chromium	☒ < 5		
Lead	☒ < 5	☐ < 500	
Mercury	☒ < 0.2	☐ < 20	
Selenium	☒ < 1	☐ < 100	
Silver	☒ < 5		
Chromium-Hex	☒ < 5	☐ < 500	
Copper	☒ < 5		
Nickel	☒ < 5	☐ < 134	
Thallium	☒ < 5	☐ < 130	
Zinc	☒ < 5		
	☐ <		
	☐ <		
	☐ <		

TURN PAGE AND COMPLETE SIDE 2

Form CWM-6000 © 1987 Chemical Waste Management, Inc.

file

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

217/782-6762

Refer to: 16312109--St. Clair County
Sauget/TWI

May 31, 1984

Mr. Andrew J. McCoy
Trade Waste Incineration
No. 7 Mobile Drive
Sauget, Illinois 62201

Dear Mr. McCoy:

Pursuant to the review of T.W.I.'s Part B application, the results of the soil and water samples submitted to the Division of Land Pollution Control on August 2, 1983 were rereviewed. Although the results provide reference data and indicate the location of areas of past contamination, due to the sampling methodology employed, this data would not be acceptable for any future statistical analyses regarding the soil quality in the area.

Very truly yours,

Lawrence W. Eastep, P.E., Manager
Permit Section
Division of Land Pollution Control

LWE:WRW/maw/1139d/9
wpw
cc: Division File

SCREENED BF

Larry I -

8/13/83

pls have these reviewed for any significant items — + get back to me

EVK

STATE OF ILLINOIS
ENVIRONMENTAL PROTECTION AGENCY

IL 532-035
ADM 39

Project TWI / SAUGET
Data SUPPLIED AUG 2, 1983 BY A.J McCOY
Reviewed by Rob Watson Date AUG. 23, 1983

COMMENTS ON SOIL & WATER LAB RESULTS

SUMMARY BECAUSE OF THE POOR SAMPLING METHODOLOGY USED TO OBTAIN THESE TEST RESULTS, IT IS POSSIBLE THAT THIS DATA DOES NOT ACCURATELY REFLECT THE SOIL QUALITY OF THE AREA SAMPLED THEREFORE, USING THIS DATA IN THE FUTURE AS BACKGROUND DATA IN REFERENCE TO SOME FUTURE SPILL MAY LEAD TO INCORRECT CONCLUSIONS.

QUESTIONS ABOUT THE SAMPLING METHODOLOGY US

1. WHY WERE COMPOSITE SAMPLES TAKEN?
2. WHY WASN'T A GRID SYSTEM USED FOR THE COMPOSITE SAMPLES TAKEN?
3. HOW MUCH OF EACH SOIL SAMPLE WENT INTO EACH COMPOSITE OR WAS EACH SOIL SAMPLE TESTED AND THE RESULTS AVERAGE.
4. WHAT WAS THE DEPTH OF EACH SAMPLE?
5. → WHY DOES THE NUMBER OF SAMPLES IN A GIVEN COMPOSITE VARY TO SUCH A GREAT DEGREE?

COMPOSITE NO.:	1	2	3	4	5	6	7	8	9	10	11	12	13
NO. OF SAMPLES IN COMPOSITE:	4	10	5	1	3	4	3	5	6	10	10	10	10

6. WHAT IS THE REASON FOR THE VARIABILITY OF THE SPACING BETWEEN THE SAMPLING POINTS?
7. WHAT WAS THE TIME BETWEEN THE DATE OF SAMPLING AND WHEN THE TESTS WERE RUN? HOW WERE THE SAMPLES STORED DURING THIS TIME?
8. HOW DOES ONE COMPARE THE TEST RESULTS GIVEN THE VARIABILITY OF THE SAMPLES?

STATE OF ILLINOIS
ENVIRONMENTAL PROTECTION AGENCY

IL 532-0357
ADM 39

Project TWI SOIL/WATER LAB RESULTS
Data
Reviewed by W. Robert Watson
Date 8/23/83

(1)

Letter dated 8/1/83

WATER SAMPLE

SAMPLE FROM WELL ON-SITE

LOCATION OF SAMPLES IS NOT INDICATED

COMPOUNDS PRESENT IN SIGNIFICANT QUANTITIES:

*	BENZENE	21,	17,	22	µg/l
*	CHLOROBENZENE	124,	127,	136	µg/l
*	METHYLENE CHLORIDE	>665,	34,	48	µg/l (OVERLOADED DETECTOR)
	TOLUENE	14,	12,	13	µg/l
	1,2-TRANS-DICHLOROETHYLENE	5,	5,	6	µg/l
	1,2-DICHLOROBENZENE	15,	ND,	9	µg/l
	1,4-DICHLOROBENZENE	28,	17,	15	µg/l
	DI-N-BUTYL PHTHALATE	2,	4,	4	µg/l

THESE LAST TWO VALUES ARE FROM DUPLICATE SAMPLES

STATE OF ILLINOIS
ENVIRONMENTAL PROTECTION AGENCY

IL 532-0357
ADM 39

TWI SOIL/WATER LAB RESULTS

Reviewed by WRW Date 8/23/83

DATE 6/27/83

2a

→ PAGES 3 of 6 AND 6 of 6 ARE MISSING

NO VOLATICE ORGANIC SAMPLES WERE SENT TO THE LAB, THUS SAMPLES 1, 3, 4, 5, 6, 10, 11, 12 WERE NOT TESTED FOR THESE COMPOUNDS (POSSIBLY THE SAME FOR #1

REPORT DOES NOT STATE IF THE SAMPLES WERE SOIL OR WATER; I ASSUMED SOIL.

2b

→ PAGE 3 of 3 MISSING

AGAIN, ASSUME SOIL SAMPLE

NO VOLATICE ORGANICS WERE DETECTED (PERHAPS NONE WERE SENT AGAIN)

* BUTYL BENZYL PHTHALATE IN SAMPLE #2 = 220 µg/g

1,2 - DICHLOROBENZENE IN #2 = 26.3 µg/g
1,4 - DICHLOROBENZENE IN #2 = 18.1 µg/g

NO DIOXIN WAS REPORTED FOR SAMPLES 2, 7, 8, 9
HOWEVER TCDD WAS REPORTED FOR THESE SAMPLES IN 3

STATE OF ILLINOIS
ENVIRONMENTAL PROTECTION AGENCY

IL 532-0357
ADM 39

Subject: TWI SOIL/WATER LAB RESULTS

Data

Reviewed by WRW Date 8/23/83

DATE 7/26/83

3

DIOXIN DETECTED 4 SITES

# 2	< 0.15	ppb
# 7	1.6	ppb *
# 8	< 0.14	ppb
# 9	< 0.25	ppb

PCB WAS DETECTED AT ALL SITES. THE CONCENTRATIO RANGED FROM [redacted] < 100 ppb TO < 20 ppm. SITE #7 HAD THE HIGHEST CONC.

COMMENTS: THE PRESENTATION OF THESE LAB RESULTS IS EXTREMELY POOR! I SPOKE WITH MS. Willean Sweet OF TWI ON 8/19 AND SHE STATED THAT THE PEOPLE FROM ENVIRODYNE APPEARED UNPREPARED AND THAT TWI WAS NOT PLEASED WITH THEIR PERFORMANCE.

SEND COPY OF RESULTS TO
KEN MENSING - COLLINSVILLE

Time Collected: 4:00 P.M.

Date Collected: NOV. 3, 1981

SPECIAL ANALYSIS FORM

Lab # D023079

Date Received NOV 9 1981

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF LAND/NOISE POLLUTION CONTROL

COUNTY:	FILE HEADING:	FILE NUMBER:
ST. CLAIR CO.	SAUGET / T.W.I.	16312109

SOURCE OF SAMPLE: (Exact Location)

FROM A POOL OF LIQUID PRESENT IN THE ROADWAY ADJACENT TO AND JUST EAST OF THE INCINERATOR AND WASTE STORAGE AREA.

PHYSICAL OBSERVATIONS, REMARKS:

YELLOWISH GREEN LIQUID
SITE OPERATOR CLAIMS THAT WASTE IS AS DESCRIBED ON THE ATTACHED PERMIT APPLICATION.

TESTS REQUESTED:

PARA-NITROANILINE - ORGANIC SCAN

COLLECTED BY: Kenneth H. Mensing TRANSPORTED BY: Kenneth H. Mensing

LABORATORY

RECEIVED BY: CMC DATE COMPLETED: 6/14/82 DATE FORWARDED: 6/14/82
J. Hurley

p-Nitroaniline = 53,000. ug/l (ppb)
Aliphatic hydrocarbons = 56,000 ug/l
Methyl ester (unidentified) estimated to be 53,000. ug/l

RECEIVED
JUN 17
E.P.A. — D.L.P.C.
STATE OF ILLINOIS

U.S. E.P.A. recommended holding time exceeded.

IL 532-0314
LPC 8A 4/77

(NOT FOR DATA PROCESSING)

D023079