EPA Region 5 Records Ctr.
297731

Special Waste Certification Application

Indiana Department of Environmental Management
Office of Solid and Hazardous Waste Management
105 South Meridian Street
Indianapolis, Indiana 46206
Telephone 317/232-4473

For Office Use Only

- ☐ New Application — Case No.
- ☐ Renewal — Date of Last Lab Analysis
- ☐ Amendment
- Reviewer

Generator Information

Generator Mailing Address	Generator Facility Location
Name EAST CHICAGO SANITARY DIST.	Name EAST CHICAGO SANITARY DIST.
Address 5200 INDIANAPOLIS BLVD	Address 5200 INDIANAPOLIS BLVD
LAKE / EAST CHICAGO / IN / 46312 (County) (City) (State) (Zip)	LAKE / E. CHICAGO / IN / 46312 (County) (City) (State) (Zip)
Technical Contact and Telephone # DANIEL R. OLSON (219) 391 8466	Contact and Telephone # DANIEL R. OLSON (219) 391 8466

Waste Information

Waste Name: PRESS SLUDGE FITER CAKE

Process name: SLUDGE BELT PRESS

Brief description of the process: DECANTED AEROBIC SLUDGE IS pumped to TWO 2-meter ASHBROOK BELT PRESSES, dewatered and disposed of.

Anticipated quantity and disposal frequency (cubic yards /year): 18,000 /YR

Type of waste containers (drums, bulk, rolloffs, etc.): BULK

Proposed disposal site ① WHEELER LANDFILL, OPP No. 64-3
② LAPORTE COUNTY LANDFILL, OPP No. 46-1

Generator Signature

I hereby certify that the information in this application is true and accurate to the best of my knowledge, and that this waste is not a hazardous waste as defined in 329 IAC 3.

DANIEL R. OLSON	Daniel R. Olson	9-27-90
Generator Name(type or print)	Signature	Date

Title PLANT MANAGER

Special Waste Certification Application (p2 of 4)

Contractor Information

Applicant (if other than generator)	Proposed Disposal Site
Name N/A	Name Opp No.
Address	Address
(County) / (City) / (State) / (Zip)	(County) / (City) / (State) / (Zip)
Technical Contact and Telephone #	Contact and Telephone #

Sampling and Laboratory Information

Laboratory	Sample Collector
Name CBC Environmental Services	Name Daniel R. Olson
Address 140 East Ryan Road	Address East Chicago Sanitary Dist.
Oak Creek, WI 53154-459	5200 Indianapolis Blvd
	East Chicago, IN 46312
(County) ?	(County) Lake
Technical Contact and Telephone # (800) 365-3840	Contact and Telephone # Ditto (219) 391 8466

Renewal Information

Have there been any changes in the process, volumes or raw materials since the last certification? Yes___ No ✓ If yes, attach a brief explanation.

Are you aware of any other facts or circumstances which have, or could have, altered the physical characteristics or chemical composition of the waste? Yes___ No ✓.
If yes, provide a brief explanation.

Special Waste Certification Application (p3 of 4) SAMPLE No._____

(Attach a separate page for each analysis)

Analytical Data

Waste Characteristics: (attach MSD Sheets if available)

Physical state: ✓ Solid ___ Semi-solid ___ Liquid ___ Powder ___ Other

Percent solids 16.6%

Fire, explosion, or spontaneous ignition hazard? Yes___ No ✓

Does this waste contain: Free liquids? N PCB's? N Asbestos? N Solvents? N

Odor? None ✓ Mild___ Strong ___ Describe:

Representative Sampling Information

Date sample was collected: 5/24/90

Was a sampling plan used? Yes___ No ✓ If so, attach a copy.

Is the sample representative of the waste? YES

Sample type: ✓ grab ___ composite

Analysis: (attach laboratory sheets and support data)

Laboratory that performed the analysis: CBC ENVIRONMENTAL (TCLP)

Is the waste a listed hazardous waste as defined in 329 IAC 3? Yes___ No ✓

Ignitability (flash point) (D001) >200° F (___ °C) WESTON - GULF COAST

Corrosivity (pH)(D002) 6.6 WESTON (10/16/89)

Reactivity (D003) Total(CN 1.2 ppm S 157 ppm) Reactive(CN .46 ppm S 20 ppm)

Constituent*		Total (mg/kg)	EP TOX (mg/l)	TCLP (mg/l)
Arsenic	D004			<0.010
Barium	D005			0.56
Cadmium	D006			<0.02
Chromium	D007			0.04
Lead	D008			<0.2
Mercury	D009			<0.0004
Selenium	D010			<0.020
Silver	D011			0.04
Endrin**	D012			<0.0002
Lindane**	D013			<0.0002
Methoxychlor**	D014			<0.0002
Toxaphene**	D015			<0.0002
2,4 D**	D016			<0.002
2,4,5 TP (Silvex)**	D017			<0.0005

3/89

*Provide either the EP Tox or TCLP results as appropriate. Total values are acceptable if they are below the RCRA limits.

** If there is a reason to believe that these pesticides are present, then the analytical data is required.

Special Waste Certification Application (p4 A of 4)

(for optional* data and restricted waste classification)

Sample No.

(Attach a separate page for each analysis)

Optional Chemical Criteria				
Chemical	Total (mg/kg)	EP Tox (mg/l)	TCLP (mg/l)	Neutral Leach (mg/l)
Barium				
Boron				
Chlorides				
Copper				
Cyanide, Total				
Fluoride				
Iron				
Manganese				
Nickel				
Phenols				
Sodium				
Sulfate				
Sulfide, Total				
Total dissolved solids				
Zinc				
PCB (mg/kg)				
pH				

* It may not be necessary to complete this page, but provide all data available. The neutral leachate test is required to determine the restricted waste type classification as defined in 329 IAC 2.

3/89

CHEM-BIO CORPORATION
ENVIRONMENTAL SERVICES
140 EAST RYAN ROAD OAK CREEK, WI 53154-4599 (414) 764-7005

07/03/90 LABORATORY REPORT

E266 8450520 W21

EAST CHICAGO WWTP
5200 INDIANAPOLIS BL
EAST CHICAGO ,IN 46312
ATTN: DAN OLSON

SAMPLE 90144-E03245 SLUDGE CAKE (NO DATE GIVEN)
DATE COLLECTED 05/24/90 DATE RECEIVED 05/24/90

TEST NAME	RESULT	UNITS	EP RESULT	TCLP RESULT		LIMIT
CARBON TETRACHLORIDE-TCLP				<0.001	MG/L	0.5
CHLOROFORM-TCLP				<0.001	MG/L	6.0
1,2 DICHLOROETHANE-TCLP				<0.001	MG/L	0.5
1,1 DICHLOROETHYLENE-TCLP				<0.001	MG/L	0.7
TETRACHLOROETHYLENE-TCLP				<0.001	MG/L	0.7
VINYL CHLORIDE-TCLP				<0.001	MG/L	0.2
TRICHLOROETHYLENE-TCLP				<0.001	MG/L	0.5
O-CRESOL-TCLP				<0.010	MG/L	200.0
M-CRESOL-TCLP				<0.010	MG/L	200.0
P-CRESOL-TCLP				<0.010	MG/L	200.0
METHYL ETHYL KETONE-TCLP				<0.010	MG/L	200.0
PYRIDINE-TCLP				<0.010	MG/L	5.0
BENZENE-TCLP				<0.010	MG/L	0.5
CHLOROBENZENE-TCLP				<0.010	MG/L	100.0
HEXACHLOROETHANE-TCLP				<0.010	MG/L	3.0
1,4-DICHLOROBENZENE-TCLP				<0.010	MG/L	7.5
2,4-DINITROTOLUENE-TCLP				<0.010	MG/L	0.1
HEXACHLOROBENZENE-TCLP				<0.010	MG/L	0.1
HEXACHLOROBUTADIENE-TCLP				<0.010	MG/L	0.5
NITROBENZENE-TCLP				<0.010	MG/L	2.0
2,4,5-TRICHLOROPHENOL-TCLP				<0.025	MG/L	400.0
PENTACHLOROPHENOL-TCLP				<0.025	MG/L	100.0
2,4,6-TRICHLOROPHENOL-TCLP				<0.025	MG/L	2.0
TOXAPHENE - TCLP				<0.0002	MG/L	0.5
CHLORDANE-TCLP				<0.0002	MG/L	0.0
ENDRIN-TCLP				<0.0002	MG/L	0.0
HEPTACHLOR-TCLP				<0.0002	MG/L	0.0
LINDANE (GAMMA BHC)-TCLP				<0.0002	MG/L	0.4
METHOXYCHLOR-TCLP				<0.0002	MG/L	10.0
2,4-D-TCLP				<0.002	MG/L	10.0
2,4,5-TP (SILVEX)-TCLP				<0.0005	MG/L	1.0
ARSENIC-TCLP				<0.010	MG/L	5.0
BARIUM-TCLP				0.56	MG/L	100.0
CADMIUM-TCLP				<0.02	MG/L	1.0

PLEASE CONTACT CLIENT SERVICES WITH ANY QUESTIONS. WATER SAMPLES ARE DISPOSED OF 30 DAYS AFTER RECEIPT ; NON-WATER SAMPLES WILL BE RETURNED 6 WEEKS AFTER RECEIPT.

IL EPA CERTIFICATION # 100243; AIHA ACCREDITED.

N/T = NOT TESTED N/A = NOT APPLICABLE APPROVAL

WI DNR LAB CERTIFICATION #241283020

CHEM-BIO CORPORATION
ENVIRONMENTAL SERVICES
140 EAST RYAN ROAD OAK CREEK, WI 53154-4599 (414) 764-7005

E266 8450520 W21

EAST CHICAGO WWTP
5200 INDIANAPOLIS BL
EAST CHICAGO ,IN 46312
ATTN: DAN OLSON

SAMPLE 90144-E03245 SLUDGE CAKE (NO DATE GIVEN)
DATE COLLECTED 05/24/90 DATE RECEIVED 05/24/90

TEST NAME	RESULT	UNITS	EP RESULT	TCLP RESULT		LIMIT
CHROMIUM-TCLP				0.04	MG/L	5.0
LEAD-TCLP				<0.2	MG/L	5.0
MERCURY-TCLP				<0.0004	MG/L	0.2
SELENIUM-TCLP				<0.020	MG/L	1.0
SILVER-TCLP				0.04	MG/L	5.0
TCLP EXT. NON-VOLATILE	5-31-90			COMPLETE	PPM	
TCLP EXT. VOLATILE	5-31-90			COMPLETE	PPM	

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N/T = NOT TESTED N/A = NOT APPLICABLE APPROVAL M.T. /KW

WI DNR LAB CERTIFICATION #241283020

FAX #414-764-0486 *CLIENT SERVICES DIRECT LINE 414-768-7460* *1-800-365-3840*

WESTON
MANAGERS DESIGNERS/CONSULTANTS

WESTON-G[redacted] COAST LABORATORIES, INC.
2417 Bond St., University Park, Illinois 60466
Phones: (708) 534-5200 (219) 885-7077 (815) 723-7533

ANALYTICAL REPORT

To: East Chicago Sanitary

5200 Indianapolis Boulevard
East Chicago, IN 46312

Attn: Mr. Dan Olson

Date: Friday December 1st, 1989

RE: Filter Press Sldg Ck
Project # 0000-00-00-0000
Lab ID: 8911G295-001
Sample Date: 11/28/89
Date Received: 11/29/89

Inorganic Client Data Report

Parameters	Result	Units	Reporting Limit
Flash Point	>200	DEG F	

Approved Diane L. Harper

Date 12-1-89

WESTON
MANAGERS DESIGNERS/CONSULTANTS

2417 Bond St., University Park, Illinois 60466
Phones: (312) 534-5200 (219) 885-7077 (815) 723-7533

ANALYTICAL REPORT

To: East Chicago Sanitary

5200 Indianapolis Boulevard
East Chicago, IN 46312

Attn: Mr. Dan Olson

Date: Wednesday November 8th, 1989

RE: Sludge Cake
Project # 0000-00-00-0000
Lab ID: 8910G396-001
Sample Date: 10/16/89
Date Received: 10/16/89

Inorganic Client Data Report

	Parameters	Result		Units	Reporting Limit
	% Ash	6.8		%	0.10
	Acidity	0.10	u	%	0.10
	Alkalinity	0.10		%	0.10
	Chlorine	2120		mg/kg	1000
	Cyanide, Reactive	0.46	u	mg/kg	0.46
	Cyanide, Total	1.2		mg/kg	0.41
ANALYSIS INVALID ->	Flash Point	136		DEG F	37
	Floatable Solids			NA	
	Total Organic Carbon			NA	
	Vol Thru Filter	0.00		MLS	
	pH	6.6		pH	+-0.20
	Phenol	2.8	u	mg/kg	2.8
	Settleable Solids			NA	
	Sulfide	157		mg/kg	4.3
	Sulfide Reactive	20.0		mg/kg	4.3
	Total Organic Halogen	2060		mg/kg	1000
	Silver, Total	3.8		mg/kg	2.9