

Adams Center Landfill  
Chemical Waste Management  
SPECIAL WASTE REVIEW  
WORK SHEET

## INITIAL REQUEST

Date Received Sept 9, 1987  
Date Approved \_\_\_\_\_  
Expiration Date Oct 7, 1987  
Disposition \_\_\_\_\_

## DENIAL FOLLOW UP

Phone Confirmation Date \_\_\_\_\_  
Person Contacted \_\_\_\_\_  
Denial Letter Date \_\_\_\_\_

APPROVAL

DENIAL

EVALUATOR R. Weems  
DATE COMPLETED Oct 5, 1987

GENERATOR General Electric Company

ADDRESS 1701 Cuvee St.  
El Wayne, IN 46802

WASTE MATERIAL WASTE GRINDING SLUDGEVOLUME OF WASTE 12 UNITS Drums FREQUENCY per yearDESCRIPTION RenewalDISPOSAL SITE Adams Center Landfill COUNTY Allen OPP No. 2-1

## COMMENTS SECTION:

Provide the necessary information to document your review of the waste. Record all personal contacts and resources consulted.

Renewal of approval

EP Tox watch looks OK.

Copper levels are high - grinding of copper wire transformers



# Adams Center Sanitary Landfill, Inc.

4636 Adams Center Road  
Fort Wayne, Indiana 46806  
219/447-5585

SEP 9 9 54 AM '87

September 8, 1987

State of Indiana  
Department of Environmental Management  
105 South Meridian Street  
Indianapolis, IN 46225

OFFICE OF SOLID  
AND HAZARDOUS  
WASTE MGMT  
-DEM

Attn: George Oliver

Re: General Electric Co. DAN F82601

Dear Mr. Oliver,

This letter serves as notification to dispose of the referenced non-RCRA waste in the RCRA portion of the Adams Center Sanitary Landfill in Fort Wayne, Indiana, in accordance with the Indiana Department of Environmental Management Special (non-RCRA) waste permit.

Disposal approval for the described material will be granted on the 21st working day from agency receipt of this letter, unless Adams Center is notified in advance of a denial under condition 5 or 6 of the Special Waste Permit. This approval will expire one year from the date of approval.

Attached is a Chemical Waste Management, Inc. profile sheet and corresponding analytical data for the following request information:

GENERATOR NAME:	<u>General Electric Company</u>
FACILITY ADDRESS:	<u>1701 College Street Fort Wayne, Indiana 46802</u>
TECHNICAL CONTACT:	<u>Francis Harter</u>
PHONE NUMBER:	<u>(219) 428-2845</u>
WASTE NAME:	<u>Waste Grinding Sludge</u>
PROFILE NUMBER:	<u>DAN F82601</u>
ANNUAL VOLUME:	<u>12 drums Per Year</u>
RECERTIFICATION:	<u>X</u> or NEW PERMIT: <u>                    </u>

Should you have question concerning this notification, please contact the Customer Service Department at (219) 447-5585.

Respectfully,

Steven Moeller  
Customer Service Representative

cc: file (PC Report first)  
sales - Jerry Huber  
DCS Entry  
Nancy Bittner (once approved)

Date Rec'd 9-9  
Date Approved 10-5-87  
Date Expires 10-7  
Letter Reference # 266



Waste Management, Inc.  
RECERTIFICATION OF  
GENERATOR'S WASTE MATERIAL PROFILE SHEET



RECERTIFIED  
WASTE PROFILE SHEET CODE

DAN

F.8.2.6.0.1

INSTRUCTIONS: A COPY OF THE COMPLETE GENERATOR'S WASTE MATERIAL PROFILE SHEET WHICH IS BEING RECERTIFIED MUST BE ATTACHED TO THIS RECERTIFICATION FORM. ORDINARILY THE LAST COMPLETE PROFILE SHEET WILL BE ATTACHED TO YOUR CONTRACT. IF YOU HAVE ANY DIFFICULTY LOCATING THE LAST COMPLETE PROFILE SHEET, CONTACT THE PERSON SHOWN BELOW. IN ADDITION WE ASK YOU TO COMPLETE THE REMAINDER OF THIS FORM AND TO HAVE IT SIGNED BY AN AUTHORIZED EMPLOYEE. ANSWERS MUST BE MADE TO ALL QUESTIONS AND MUST BE COMPLETED IN INK. INFORMATION SUPPLIED WILL BE MAINTAINED IN STRICT CONFIDENCE CONSISTENT WITH LEGAL REQUIREMENTS.

RETURN THIS FORM AND ATTACHMENTS TO: CHEMICAL WASTE MANAGEMENT, INC.

4636 ADAMS CENTER ROAD

FORT WAYNE, INDIANA 46806

A GENERAL INFORMATION

GENERATOR NAME: GENERAL ELECTRIC COMPANY TRANSPORTER: CHEMICAL WASTE MANAGEMENT

FACILITY ADDRESS: SPECIALTY TRANSFORMER OPERATION TRANSPORTER PHONE: (219) 423-1655

1701 COLLEGE STREET

GENERATOR USEPA ID: I.N.D.0.0.4.5.5.7.8.1.5.

FORT WAYNE, INDIANA 46802

GENERATOR STATE ID:

TECHNICAL CONTACT: FRANCIS M. HARTER TITLE: FACILITIES ENGINEER PHONE: (219) 428-2845

NAME OF WASTE: WASTE GRINDING SLUDGE

PROCESS GENERATING WASTE: GRINDING MACHINE CLEAN-OUT

B CHANGES OR ADDITIONS SINCE LAST PROFILE SHEET PREPARATION OR RECERTIFICATION

1. HAVE YOU OBTAINED ANY LABORATORY ANALYSIS OF THIS WASTE? ☒ YES ☐ NO (IF YES, PLEASE ATTACH COPIES)
2. HAVE YOU CHANGED THE RAW MATERIALS USED IN THE WASTE-GENERATING PROCESS? ☐ YES ☒ NO
3. HAVE YOU CHANGED THE WASTE-GENERATING PROCESS ITSELF? ☐ YES ☒ NO
4. ARE YOU AWARE OF ANY FACTS OR CIRCUMSTANCES WHICH HAVE, OR REASONABLY COULD HAVE, ALTERED THE PHYSICAL OR HAZARDOUS CHARACTERISTICS, OR CHEMICAL COMPOSITION OF THE WASTE? ☐ YES ☒ NO
5. ARE YOU AWARE OF ANY HUMAN HEALTH EFFECTS OF EXPOSURE TO THE WASTE NOT PREVIOUSLY DESCRIBED? ☐ YES ☒ NO
6. IF YOU ANSWERED "YES" TO QUESTIONS 2, 3, 4 OR 5, PLEASE PROVIDE DETAILS BELOW.

C SPECIFIC CONSTITUENTS

DOES THIS WASTE CONTAIN POLYCHLORINATED BIPHENYLS? ☐ YES ☒ NO

DOES THIS WASTE CONTAIN 2, 3, 7, 8 - TCDD? ☐ YES ☒ NO

D SHIPPING INFORMATION

METHOD OF SHIPMENT: ☐ BULK LIQUID ☐ BULK SOLID ☒ DRUM (TYPE/SIZE) 17-H/55 GALLON

ANTICIPATED VOLUME: 660 GALS.  CUBIC YDS  OTHER

PER: ☐ ONE TIME ☐ WEEK ☐ MONTH ☐ QUARTER ☒ YEAR ☐

RECERTIFICATION, I AM AN EMPLOYEE OF THE GENERATOR AUTHORIZED TO SIGN THIS CERTIFICATION. THE INFORMATION PROVIDED IN THE RECERTIFIED WASTE PROFILE SHEET ATTACHED HERETO, AND THE INFORMATION SUPPLIED ABOVE, ARE COMPLETE, TRUE AND CORRECT.

NAME: FRANCIS M. HARTER SIGNATURE: Francis M. Harter

TITLE: FACILITIES ENGINEER DATE: 8/17/87

MAN	FB2601
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WASTE PROFILE SHEET CODE

# CERTIFICATION OF REPRESENTATIVE SAMPLE

GENERAL DIRECTIONS: IN ORDER TO DETERMINE WHETHER WE CAN ACCEPT THE SPECIAL WASTE DESCRIBED IN THE ABOVE NUMBERED PROFILE SHEET, WE MUST OBTAIN A REPRESENTATIVE SAMPLE OF THE WASTE. WE WILL ANALYZE THE SAMPLE TO VERIFY THE INFORMATION YOU HAVE PROVIDED US, SO IT IS PARTICULARLY IMPORTANT THAT THE SAMPLE BE TRULY REPRESENTATIVE. IN MOST CIRCUMSTANCES YOU WILL BE OBTAINING THE SAMPLE. HOWEVER, IN THOSE CASES IN WHICH WE OBTAIN THE SAMPLE, WE MUST ASK THAT ONE OF YOUR EMPLOYEES BE PRESENT TO DIRECT THE PARTICULAR SOURCE TO BE SAMPLED AND TO WITNESS THE SAMPLING. IN SUCH CASE, YOUR EMPLOYEE MUST SIGN THIS CERTIFICATION AS A WITNESS.

THIS CERTIFICATION MUST BE RETURNED, WITH THE REPRESENTATIVE WASTE SAMPLE, TO:

ATTN: Mr. STEVE MAEUE  
 CHEMICAL WASTE MANAGEMENT, Inc.  
 436 Adams Center Road  
 East Wayne, Indiana 46806

THE UNDERSIGNED CERTIFIES THAT HE/SHE OBTAINED A REPRESENTATIVE SAMPLE OF THE WASTE MATERIAL DESCRIBED IN THE "GENERATOR'S WASTE MATERIAL PROFILE SHEET" ABOVE REFERENCED, AND THAT THE FOLLOWING REPRESENTATIONS ARE TRUE AND CORRECT:

1. HOUR AND DATE OF SAMPLING: 10:00 AM AUGUST 18, 1987
2. SOURCE FROM WHICH SAMPLE TAKEN: TWO BARRELS OF WASTE IN STORAGE
3. EQUIPMENT AND SAMPLING METHOD USED: RANDOM PROBES OF TRIER SAMPLER
4. AMOUNT OF SAMPLE OBTAINED: ONE QUART
5. TYPE OF CONTAINER INTO WHICH SAMPLE WAS PLACED: QUART CAN
6. THE SAMPLING EQUIPMENT USED, AND THE CONTAINER INTO WHICH THE SAMPLE WAS PLACED, WERE THEMSELVES UNCONTAMINATED BEFORE USE.
7. AT THE TIME OF SAMPLING I AFFIXED A LABEL TO THE CONTAINER IN THE FOLLOWING FORM WITH THE FOLLOWING INFORMATION (FILL IN THIS PORTION, INCLUDING YOUR SIGNATURE, JUST AS IT APPEARS ON THE LABEL YOU PREPARED):

GENERATOR	<u>GENERAL ELECTRIC Co</u>
WASTE NAME	<u>WASTE GRINDING SLUDGE</u>
SAMPLE HOUR/DATE	<u>10:00 AM 8/18/87</u>
PROFILE SHEET CODE	<u>FB2601</u>
SAMPLER SIGNATURE	<u>Thomas M. Maue</u>

WITNESS VERIFICATION: I WAS PERSONALLY PRESENT DURING THE SAMPLING DESCRIBED; I DIRECTED THE WASTE SOURCE TO BE SAMPLED; AND I VERIFY THE INFORMATION ABOVE NOTED.

WITNESS: Chris Kernstein

SIGNATURE: Chris Kernstein

TITLE: Ground Maintenance

EMPLOYER: WILLOW TREE Nursery

DATE: 8/18/87

SAMPLER NAME: FEARLESS M. MAUE

SIGNATURE: Thomas M. Maue

TITLE: Facilities Engineer

EMPLOYER: GENERAL ELECTRIC Co

DATE: August 18, 1987



# Waste Management, Inc.

## GENERATOR'S WASTE MATERIAL PROFILE SHEET



WASTE PROFILE SHEET CODE

DAN  
FSOR

F82601

## A GENERAL INFORMATION

GENERATOR NAME: General Electric Company TRANSPORTER: Chemical Waste Management  
FACILITY ADDRESS: Specialty Transformer Operation TRANSPORTER PHONE: (219) 423-1655  
1701 College Street GENERATOR USEPA I.D. I, N, D, 0, 0, 4, 5, 5, 7, 8, 1, 5,  
Fort Wayne, IN, 46804 GENERATOR STATE I.D. \_\_\_\_\_  
TECHNICAL CONTACT: Francis M. Harter TITLE: Facilities Engineer PHONE: (219) 428-2845  
NAME OF WASTE: Waste Grinding Sludge  
PROCESS GENERATING WASTE: Grinding Machine Clean-out

## B PHYSICAL CHARACTERISTICS OF WASTE

COLOR: Brown-Grey ODOR: ☐ NONE ☒ MILD ☐ STRONG  
DESCRIBE: OIL PHYSICAL STATE @ 70°F: ☒ SOLID ☐ SEMI-SOLID ☐ LIQUID ☐ POWDER  
LAYERS: ☐ MULTILAYERED ☐ BI-LAYERED ☒ SINGLE PHASED  
FREE LIQUIDS: ☐ YES ☒ NO  
VOLUME: \_\_\_\_\_  
pH: ☐ < 2 ☒ 7.1-10 ☐ N/A  
☐ 2-4 ☐ 10.1-12.5  
☐ 4.1-6.9 ☐ > 12.5  
☐ 7 ☒ EXACT 8.58 @ 10%  
SPECIFIC GRAVITY: ☐ < .8 ☐ .8-1.0 ☒ 1.1-1.2 ☐ > 1.7  
☐ 1.3-1.4 ☐ 1.5-1.7  
FLASH POINT: ☐ < 70°F ☐ 70°F - 100°F ☐ 101°F - 139°F ☐ 140°F - 200°F  
☐ > 200°F ☒ NO FLASH\* ☒ EXACT > 250°F  
☐ CLOSED CUP ☐ OPEN CUP

## C CHEMICAL COMPOSITION (TOTALS MUST ADD TO 100%)

% Water (volatiles) 29.7 %  
% Residue \* 70.3 %  
\* Residue as non-volatile  
oils and steel (Farners  
alloys) shavings

## D METALS

☐ TOTAL (PPM) ☒ EPA EXTRACTION PROCEDURE (mg/L)  
ARSENIC (As) 128 ppb SELENIUM (Se) < .25 ppb  
BARIUM (Ba) .15 SILVER (Ag) < .01  
CADMIUM (Cd) .04 COPPER (Cu) 276.0  
CHROMIUM (Cr) < .01 NICKEL (Ni) .10  
MERCURY (Hg) < .25 ppb ZINC (Zn) .22  
LEAD (Pb) < .02 THALLIUM (Tl) < .05  
CHROMIUM-HEX (Cr + 6) NA

## E OTHER COMPONENTS - TOTAL (PPM)

CYANIDES < 2.05 PCB'S NA  
SULFIDES 215.9 PHENOLICS < 10

## F SHIPPING INFORMATION

O.O.T. HAZARDOUS MATERIAL? ☐ YES ☒ NO  
PROPER SHIPPING NAME: WASTE GRINDING SLUDGE  
HAZARD CLASS: NA I.D. NO. NA R.O. NA  
METHOD OF SHIPMENT: ☐ BULK LIQUID ☐ BULK SOLID  
☒ DRUM (TYPE/SIZE) 17-H 55 GAL  
ANTICIPATED VOLUME: 440 GALS. \_\_\_\_\_ CUBIC YARDS  
PER: ☐ ONE TIME ☐ WEEK ☐ MONTH  
☐ QUARTER ☒ YEAR

## G HAZARDOUS CHARACTERISTICS

REACTIVITY: ☒ NONE ☐ PYROPHORIC ☐ SHOCK SENSITIVE  
☐ EXPLOSIVE ☐ WATER REACTIVE ☐ OTHER \_\_\_\_\_  
OTHER HAZARDOUS CHARACTERISTICS:  
☒ NONE ☐ RADIOACTIVE ☐ ETIOLOGICAL  
☐ PESTICIDE MANUFACTURING WASTE ☐ OTHER \_\_\_\_\_  
USEPA HAZARDOUS WASTE? ☐ YES ☒ NO  
USEPA HAZARDOUS CODE(S) \_\_\_\_\_  
STATE HAZARDOUS WASTE? ☐ YES ☒ NO  
STATE CODE(S) \_\_\_\_\_

## H SPECIAL HANDLING INFORMATION

S/H: #2 ☐ ADDITIONAL PAGE(S) ATTACHED

I HEREBY CERTIFY THAT ALL INFORMATION SUBMITTED IN THIS AND ALL ATTACHED DOCUMENTS IS COMPLETE AND ACCURATE, AND THAT ALL KNOWN OR SUSPECTED HAZARDS HAVE BEEN DISCLOSED.

AUTHORIZED SIGNATURE

Thomas M. Harter Fac. Eng. G.E. Co. DATE 10/16/86  
Ed. P. D. Mr. Ed. P. D. 10-15-86





# SPECIAL WASTE ANALYSIS REPORT

This Report is intended for the sole use and benefit of Waste Management and its companies. No representation concerning significance of the reported data is made to any other person or entity.



WASTE PROFILE SHEET CODE

DAN 15-8-2-6-0-1  
FROM SAMPLE CONTAINER

LABORATORY NAME: Adams Center Landfill (219) 447-5585  
ADDRESS: 4636 Adams Center Rd., Ft. Wayne, IN 46806 LAB MGR. PHONE: \_\_\_\_\_  
DATE SAMPLE RECEIVED AT LAB: 8-27-87 DATE SAME TAKEN: 8-18-87  
LAB SAMPLE NUMBER ASSIGNED: 03277-05 CERTIFICATION OF REP. SAMPLE OBTAINED? ☒ YES ☐ NO  
CERTIFICATION: Except as explicitly noted, all analytical data reported below were obtained under my direction and supervision, using sample preparation and analytical methods and analytical equipment specified or approved in the most recent "Test Methods for the Evaluation of Solid Waste, Physical/Chemical Methods," SW 846, USEPA Office of Solid Waste. This laboratory follows a quality assurance control program, including a sample chain of custody procedure.  
DATE OF REPORT: 9/3/87 SIGNATURE: Steven C Ball  
LAB MANAGER NAME: STEVEN C BALL

## PHYSICAL CHARACTERISTICS OF WASTE

SAMPLE VOLUME: pint COLOR: GRAY ODOR: ☒ NONE ☐ MILD ☐ STRONG PHYSICAL STATE @ 70°F: ☒ SOLID ☐ SEMI-SOLID ☐ LIQUID ☐ POWDER LAYERS: ☐ MULTILAYERED ☐ BI-LAYERED ☒ SINGLE PHASED FREE LIQUIDS: ☐ YES ☒ NO VOLUME: \_\_\_\_\_ %  
DESCRIBE: \_\_\_\_\_

Test	As Received	Extraction Procedure	Date of Analysis	Test	As Received	Extraction Procedure	Date of Analysis
<del>Specific Gravity</del> Bulk Density	1.5			Radiation Screen	BKG		
pH - s.u.	10%	7.8		Penetrometer	0.22	Tons/ft <sup>2</sup>	
Acidity % as				Phenols, mg/l			
Alkalinity % as				Cyanides, as CN Total mg/l			
C.O.D. mg/l				Cyanides, as CN Free mg/l			
B.O.D. mg/l				Nitrogen Ammonia, as N mg/l			
Total Solids @ 105°C	95.17			Total Kjeldahl Nitrogen as N mg/l			
Total Dissolved Solids mg/l				Total Alkalinity, P as CaCO <sub>3</sub> mg/l			
Residue on Evaporation @ 180°C				Total Alkalinity M as CaCO <sub>3</sub> mg/l			
Flash Point F* (closed cup)				Total Hardness as CaCO <sub>3</sub> mg/l			
Ash Content, on ignition (%)	94.67			Calcium Hardness, as CaCO <sub>3</sub> mg/l			
Heating Value, BTU/lb				Magnesium Hardness, as CaCO <sub>3</sub> mg/l			
"Acid Scrub," gNaOH/g							
Arsenic, as As, mg/l							
Barium, as Ba, mg/l							
Bromine as Br, mg/l				Oil and Grease, mg/l			
Cadmium, as Cd, mg/l							
Chromium, Total as Cr, mg/l							
Hexavalent Chromium as Cr, mg/l				Aldrin, mg/l			
Copper, as Cu, mg/l				Chlorides, mg/l			
Iron, Total as Fe, mg/l				DDT, mg/l			
Iron, dissolved, as Fe, mg/l				Dieldrin, mg/l			
Lead, as Pb, mg/l				Endrin, mg/l			
Manganese, as Mn, mg/l				Heptachlor, mg/l			
Magnesium, as Mg, mg/l				Lindane, mg/l			
Mercury, as Hg, mg/l				Methoxychlor, mg/l			
Nickel, as Ni, mg/l				Toxaphene, mg/l			
Selenium, as Se, mg/l				Parathion, mg/l			
Silver as Ag, mg/l				2,4, D, mg/l			
Zinc, as Zn, mg/l				2, 4, 5 TP (Silvex), mg/l			
				PCB's, mg/l	ND	<5.4ppm	9-2-87 PK
				2, 3, 7, 8, TCDD, ug/l			
Bicarbonates, as HCO <sub>3</sub> , mg/l							
Carbonates, as CO <sub>3</sub> , mg/l							
Chlorides, as Cl, mg/l							
Fluorides, as F, mg/l							
Nitrates, as NO <sub>3</sub> , mg/l							
Nitrite, as NO <sub>2</sub> , mg/l							
Phosphate, as P, mg/l							
Sulfate, as SO <sub>4</sub> , mg/l							
Sulfides, as S, mg/l							