



# Special Waste Packet

The Solid Waste Authority of Central Ohio  
4239 London Groveport Road  
Grove City, Ohio 43123  
Office: 614-871-5100



Solid Waste Authority  
of Central Ohio

Sanitary Landfill

3851 London - Groveport Road



Dear Special Waste Generator,

Whether we are reviewing your special waste disposal request for the first time or updating our files on your material, we offer the following guidelines to assist you in providing us with the information we need to process your request as efficiently as possible. There have been a number of inconsistencies in previous submittals that have caused delays in our review process resulting in substantial delays between the submittal of a request and the time at which we can finally allow disposal of the material. Please take time to thoroughly read and understand this letter and the special waste profile instructions before filling out and submitting your request or update. By understanding the review process and our information needs fully, you should be able to avoid any delays that have been experienced in the past.

To determine if your special waste can be accepted at Franklin County Sanitary Landfill, you must have:

1. Submitted a completely executed original Special Waste Profile Sheet and all available information.
2. Completed and signed Generator's Certification; Certifies that your material is not a hazardous waste - this is solely the generator's responsibility as implied in OAC 3745-51-03(E) - and that disposal of material will not cause a violation of any State or Federal regulations or any conditions of our Permit to Install.
3. Set up a billing account with Jessica McCoy at (614) 871-6753, if you are to transport your waste material using your own equipment.

To facilitate your special waste disposal request, we offer the following guidelines:

- A) If you are unsure of the analytical requirement of your waste stream, please consult Attachment B and then contact SWACO for guidance.
- B) Analysis for ignitability, corrosively, and reactivity may be required for all special wastes.
- B) FCSL can accept only solid waste. If your waste may contain free liquids, a paint filter test will be required. Free liquids are not acceptable for disposal at the FCSL. If you believe the FCSL cannot accept you waste due to free liquids, please contact SWACO.
- C) A full Toxicity Characteristic Leaching Procedure (TCLP) characterization (all 39 regulated constituents) may be required on all special waste for initial approval. Please contact SWACO for guidance on your particular waste stream.

- D) Be specific in your description of the process generating your waste. Our concern is that your waste material is not a listed hazardous waste by process. A schematic or flowchart is always helpful, if available.
- E) To avoid delays and properly prepare a response to your special waste disposal request, the Special Waste Profile Sheet **MUST** be completed and submitted with all other special waste profile paperwork to:

Paul Flory, Compliance Manager  
SWACO Operations Office  
4239 London Groveport Rd.  
Grove City, Ohio 43123  
paul.flory@swaco.org

- F) Supply any available MSDS for components of your waste. This helps SWACO in screening for any special handling requirements that might be necessary.

Should you have questions regarding your submittal, please call my office at (614) 871-5100 extension #139.

Sincerely,

Paul Flory  
Compliance Manager

## **FRANKLIN COUNTY SANITARY LANDFILL**

3851 London Groveport Rd.

Grove City, Ohio 43123

### **Generator Notification With Regard to Special Waste Disposal**

The Solid Waste Authority of Central Ohio (SWACO) Rules definition for “Special Handling Waste” means a portion of Solid Waste which consists of Sludge, Treated Infectious/Pathological Waste, Ash Residue, Contaminated Soil and other materials requiring additional handling by SWACO prior to normal disposal. For this, SWACO issues a Special Waste Packet for (FCSL), which includes a Special Waste Profile Sheet that requires analytical testing. Complete and submit the originals along with all paperwork related to this project to the Special Waste Coordinator. Please note that SWACO may visit the generator’s facility to observe the process generating the waste stream.

FCSL requires at least a two-hour notification prior to disposal of all special waste. This allows the operators to prepare for disposal. For the special waste loads that arrive less than two hours after the opening of the landfill, the required call ahead shall be made the day before the arrival of the load. Notify the scale house cashier at (614) 875-8563. Your approval letter will dictate the appropriate disposal times.

A completed Special Waste Manifest, which includes the current profile number and the name of the material, is to be given to the scalehouse cashier with each special waste load. FCSL has the right to reject disposal of special waste material if it does not meet reported characteristics or weather conditions so dictate. Should problems occur upon disposal of the special waste material, disposal acceptance will cease until problems are alleviated.

#### **This Special Waste Packet Includes:**

Cover letter from the Environmental Compliance Manager  
Generator Notification With Regard to Special Waste Disposal  
Policy Regarding Disposal of Special Waste  
Instructions  
Special Waste Profile Sheet  
Analytical Methods & Maximum Allowable Constituent Levels

## **Franklin County Sanitary Landfill**

3851 London Groveport Rd.

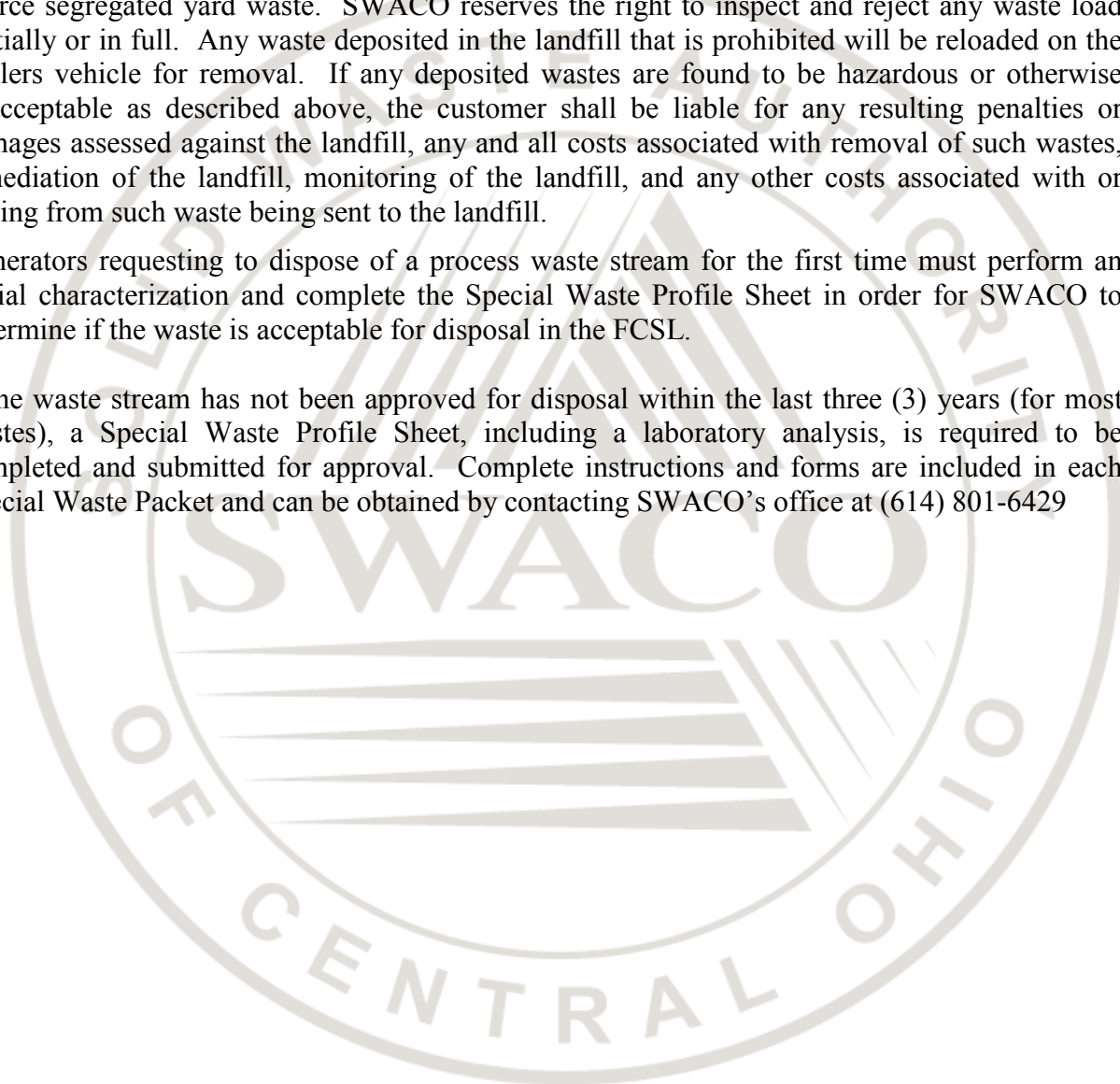
Grove City, Ohio 43123

### **Policy Regarding Disposal of Special Waste**

SWACO does not accept hazardous waste as defined by Ohio and Federal regulations, liquid wastes, regulated radioactive materials, materials containing regulated concentrations of PCBs, asbestos containing materials, appliances containing CFCs, infectious waste, whole tires, or source segregated yard waste. SWACO reserves the right to inspect and reject any waste load partially or in full. Any waste deposited in the landfill that is prohibited will be reloaded on the haulers vehicle for removal. If any deposited wastes are found to be hazardous or otherwise unacceptable as described above, the customer shall be liable for any resulting penalties or damages assessed against the landfill, any and all costs associated with removal of such wastes, remediation of the landfill, monitoring of the landfill, and any other costs associated with or arising from such waste being sent to the landfill.

Generators requesting to dispose of a process waste stream for the first time must perform an initial characterization and complete the Special Waste Profile Sheet in order for SWACO to determine if the waste is acceptable for disposal in the FC SL.

If the waste stream has not been approved for disposal within the last three (3) years (for most wastes), a Special Waste Profile Sheet, including a laboratory analysis, is required to be completed and submitted for approval. Complete instructions and forms are included in each Special Waste Packet and can be obtained by contacting SWACO's office at (614) 801-6429



**FRANKLIN COUNTY SANITARY LANDFILL  
INSTRUCTIONS FOR COMPLETING THE SPECIAL WASTE PROFILE SHEET**

In compliance with the requirements of regulations promulgated under the Resource Conservation and Recovery Act of 1976 (RCRA), specifically 40 CFR 262.11, any generator of a waste must determine whether their waste is to be managed as a hazardous waste.

The following information is required for all waste to be considered for transportation, storage, treatment, or disposal. It is used to determine that the waste may be transported, stored, treated, or disposed of in a legal, safe, and environmental sound manner. This information will be maintained in strict confidence. Answers must be made to all questions and must be completed in ink. Responses of "NONE" or "NOT APPLICABLE" should be made if appropriate. Most items required are self-explanatory. Other items need definition or instruction as follows:

**SPECIAL WASTE PROFILE SHEET**

**Part I. Waste Generator Information**

1. Generator Name – Enter the name of the company or municipality generating the waste.
2. Mailing Address – Enter the address of the technical contact for the Generator.
3. Technical Contact – Enter the name and title of the technical contact for the Generator who can answer technical questions about the waste. (Typically, this is the person responsible for signing the Generator certification).
4. Phone/Fax: Enter the phone and fax numbers of the technical contact for the Generator.
5. Plant/Facility Name – Enter the name of the plant or facility where the waste is generated.
6. Facility Address - Enter the address of the plant or facility where the waste is generated.
7. Facility Contact - Enter the name and title of the contact at the plant or facility where the waste is generated.
8. Phone/Fax - Enter the phone and fax numbers of the contact at the plant or facility where the waste is generated.

**Part II. Customer Information**

1. Customer Name - Enter the name of the Broker or Contractor that is working directly with the Generator regarding the waste.
2. Address - Enter the address of the Broker or Contractor.
3. Contact - Enter the name and title of the contact for the Broker or Contractor.
4. Phone/Fax - Enter the phone and fax numbers of the contact for the Broker or Contractor.

**Part III. Transporter Information**

1. Transporter Name - Enter the name of the company transporting the waste.
2. Address - Enter the address of the company transporting the waste.
3. Contact - Enter the name and title of the contact for the Transporter.
4. Phone/Fax - Enter the phone and fax numbers of the contact for the Transporter.

**Part IV. Waste Stream Information**

1. Name or Description of waste – Enter the name or general description of the waste and its source. Examples such as paint sludge from tank bottoms.
2. Generator SIC Code – Enter the four digit Standard Industrial Classification Code for the facility where the waste is generated.
3. Detailed description of the process – Describe the process generating the waste in detail. List the specific process/operation or source that generates the waste, e.g., incineration of municipal refuse, wastewater treatment, building maintenance, etc. At a minimum, the description should be adequate to answer the following questions:
  - What chemicals are used in the process?

**FRANKLIN COUNT SANITARY LANDFILL  
INSTRUCTIONS FOR COMPLETING THE SPECIAL WASTE PROFILE SHEET**

- What is the type of production/manufacturing facility (e.g., wood preservation, inorganic pigments, organic pigments, pesticides, explosives, petroleum refining, iron, steel, or zinc production, etc.)?
  - Is the waste a result of degreasing, solvent parts cleaning, recovery/reclaiming of solvents (still bottoms), wastewater treatment (sludges), or electroplating?
4. Indicate if the waste material is regulated by Federal regulatory agency as a "Hazardous Waste." Materials designated as hazardous wastes by the USEPA cannot be accepted.
6. Physical Characteristics of Waste –
- Color** – Describe the color of the waste, (e.g., blue, transparent, varies) or if non-homogeneous, the colors associated with the waste.
- Odor** – If the waste has a known odor, then describe the odor, for example, sweet, acidic, solvent, foul. Describe the intensity of the odor (none, mild, strong).
- Physical State @ 68 degrees F** - Self-explanatory
- Powder Materials** - Please indicate method of packaging to prevent dust dispersion such as super sacks or other special packaging.
- Free Liquids** - Self-explanatory
- Density** – Indicate the expected weight range of the waste per unit volume. If this data has not been determined, check "N/D." Laboratory analytical for density is required in order to qualify for a reduced gate rate.
7. Analysis of a REPRESENTATIVE sample – Ohio Administrative Rule 3745-50-10(A)(106) defines a REPRESENTATIVE sample as "a sample of a universe or whole (e.g., waste pile, lagoon, ground water) which can be expected to exhibit the average properties of the universe or whole." Please refer to OAC Rule 3745-51-20 for a list of approved sampling methods.
8. Any other information regarding the waste - Describe the hazards which you know or reasonably believe may be associated with exposure to this waste. If appropriate, attach relevant documents that have been identified significant or substantial risk to health or Material Safety Data Sheets (MSDS). Failure to provide special handling information is considered a representation that you neither know nor believe there is any adverse human health effects associated with exposure to this waste.

**Part V Chemical Composition**

The chemical composition of the waste must be thoroughly identified using common or generic chemical terms, not trade names or abbreviations. The components are to be listed with concentration ranges in percent (%) or parts per million (ppm). If the waste contains water, it must be included and its concentration noted. No vague content descriptions such as oil and water, sludge, etc. will be accepted. The total of all components must equal 100% compositions, or greater, if concentration ranges are specified. If trace toxic elements, compounds, or substances listed in Part VII are present, they are to be listed with their respective concentrations.

1. List all organic and/or inorganic components of the waste using special chemical names. If trade names are used, attach Material Safety Data Sheets or other documents which adequately describe the composition of the waste. For each component, estimate the range (in percents) in which the component is present. In addition, indicate whether any of the TCLP constituents are present in the waste. The total of the maximum values of the components must be greater than or equal to 100% including water, earth, etc.
2. Indicate whether the method used to determine the chemical composition was the TCLP (Toxicity Characteristic Leaching Procedure) method, an analysis to determine the total Concentrations, or another method. Attach additional pages as required.

**FRANKLIN COUNT SANITARY LANDFILL  
INSTRUCTIONS FOR COMPLETING THE SPECIAL WASTE PROFILE SHEET**

**Part VI            Transportation and Shipping Information**

INDICATE IF THIS WASTE IS A USDOT (see 49 CFR 171) HAZARDOUS MATERIAL. If so, complete the following information:

- If the waste is a USDOT Hazardous Material, the Proper USDOT Shipping Name, Hazard Class, UN or NA Number, and CERCLA Reportable Quantity must be noted for manifesting and placarding purposes (see 40 CFR 172.101)
- SHIPPING NAME – Enter the proper USDOT shipping name for this waste.
- HAZARDOUS CLASS/ID – Enter the proper USDOT hazard class / enter the proper USDOT Identification Number (see 40 CFR 172).
- REPORTABLE QUANTITY (RQ/Units (lb/kg) – Enter the RQ established by 40 CFR 302.4 for this waste. Indicate the appropriate units of the RQ.
- METHOD OF SHIPMENT – Indicate the anticipated method of shipment, mark as appropriate.
- SUPPLEMENTAL SHIPPING INFORMATION – Enter any additional shipping information.
- ANTICIPATED VOLUME – The quantity and frequency of generation of the waste described is to be noted. Also, note the manner in which the waste is to be transported for disposal (e.g., bulk, 55-gallon drums, 35-gallon fiber pack containers, supersaks, etc.
- FREQUENCY – The period during which the above ANTICIPATED VOLUME will be generated.

**Part VII.            Supplemental Information**

Identify all supplemental information that is attached to the Special Waste Profile Sheet, if any. For example, Characteristics Toxicity Data, other waste characterization data, MSDS, additional waste composition data or any other information. Note the total number of supplemental pages attached.

**Part VIII.            Generator Certification**

Provide the appropriate response to Question Nos. 1 through 7. By signing the Special Waste Profile Sheet, the Generator (identified in Part I) certifies the responses are true and accurate with respect to the waste stream listed to the best of his/her knowledge.

Signature – Signature of a DULY AUTHORIZED employee of the Generator or representative of the Generator (Broker or Contractor). A DULY AUTHORIZED representative must be a corporate officer or a manager who is authorized to sign contracts on behalf of the company or municipality by whom he/she is employed. NOTE: If the person signing the Special Waste Profile Sheet is not an employee of the Generator (i.e., Broker or Contractor), a notarized statement signed by the Generator must be submitted that authorizes the Broker or Contractor to sign on behalf of the Generator.

Date – Enter the date on which the Special Waste Profile Sheet was signed.

Name/Title – Enter the name and title of the person signing the Special Waste Profile Sheet.

Company Name - Enter the name of the company or municipality employing the person signing the Special Waste Profile Sheet.



**FRANKLIN COUNTY SANITARY LANDFILL  
SPECIAL WASTE PROFILE SHEET**

**I. Waste Generator Information**

1. Generator Name: \_\_\_\_\_
2. Mailing Address: \_\_\_\_\_
3. Technical Contact: \_\_\_\_\_ Title: \_\_\_\_\_
4. Phone: (     ) \_\_\_\_\_ Fax: (     ) \_\_\_\_\_
5. Plant/Facility Name: \_\_\_\_\_
6. Facility Address: \_\_\_\_\_
7. Facility Contact: \_\_\_\_\_ Title: \_\_\_\_\_
8. Phone: (     ) \_\_\_\_\_ Fax: (     ) \_\_\_\_\_

**II. Customer Information (if different than above)**

1. Customer Name: \_\_\_\_\_
2. Address: \_\_\_\_\_
3. Contact: \_\_\_\_\_ Title: \_\_\_\_\_
4. Phone: (     ) \_\_\_\_\_ Fax: (     ) \_\_\_\_\_

**III. Transporter Information**

1. Transporter Name: \_\_\_\_\_
2. Address: \_\_\_\_\_
3. Contact: \_\_\_\_\_ Title: \_\_\_\_\_
4. Phone: (     ) \_\_\_\_\_ Fax: (     ) \_\_\_\_\_

**IV. Waste Stream Information**

In order to determine the acceptability of the waste and the required method of disposal, the following information must be submitted for review by the Solid Waste Authority of Central Ohio (SWACO):

1. Name or Description of waste: \_\_\_\_\_  
\_\_\_\_\_
2. Generator SIC Code: \_\_\_\_\_
3. A detailed description of the process generating the waste, including a listing of all chemical compounds and/or solutions used in the process, any treatment provided such as dewatering, stabilization, etc. and any other pertinent information (flow chart/schematics and other supporting documents should be submitted as an attachment):  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

## FRANKLIN COUNTY SANITARY LANDFILL SPECIAL WASTE PROFILE SHEET

4. Is waste classified as "Hazardous Waste" as defined by Federal Regulations? \_\_\_\_\_ Yes \_\_\_No

5. Physical Characteristics of the Waste:

Color:\_\_\_\_\_

Odor:\_\_\_\_\_ None \_\_\_\_\_ Mild \_\_\_\_\_ Strong Describe:\_\_\_\_\_

Physical state @ 68 degrees F:\_\_\_\_\_ Solid \_\_\_\_\_ Semi-solid \_\_\_\_\_ Liquid \_\_\_\_\_ Powder \_\_\_\_\_

If Powder, clarify – describe packaging to prevent dusting:\_\_\_\_\_

7. Analysis of a REPRESENTATIVE sample(s) of the waste performed by an independent, approved laboratory acceptable to SWACO (**include as an attachment**). The recommended test methods are included in Attachment A. Samples shall be collected in accordance with standards and protocols of the U.S. EPA as identified in U.S. EPA's SW-846, latest edition, including sampling, preservation, handling, and transportation procedures. The analytical report must be signed by an authorized representative of the laboratory. Please call SWACO at the above phone number prior to sample collection/analysis if there any questions regarding the analytical requirements.

8. Any other information regarding the waste, which may not be evident from the description or analysis, that dictate special handling during disposal (supporting documents should be submitted as an attachment, if needed):

\_\_\_\_\_  
\_\_\_\_\_

### V. Chemical Composition

The chemicals listed below must add to 100%

	%
	%
	%
	%
	%
	%
	%
	%

TCLP \_\_\_\_\_ Total \_\_\_\_\_ Other (specify) \_\_\_\_\_

\*\*\*\*\*Attach Additional Pages as Required\*\*\*\*\*

### VI. Transportation and Shipping Information

Is this waste considered U. S. DOT Hazardous material? Yes\_\_\_\_ No\_\_\_\_

If so, complete the following information:

Proper Shipping Name:\_\_\_\_\_

Hazardous Class:\_\_\_\_\_ I.D. No.:\_\_\_\_\_ CERCLA Reportable Quantity\_\_\_\_\_

# FRANKLIN COUNTY SANITARY LANDFILL SPECIAL WASTE PROFILE SHEET

Method of Shipment:

Bulk Solid \_\_\_\_\_ Drum \_\_\_\_\_ (specify type, size) \_\_\_\_\_

Other \_\_\_\_\_ (please specify) \_\_\_\_\_

Frequency: One time \_\_\_\_\_ Weekly \_\_\_\_\_ Bi-Weekly \_\_\_\_\_ Monthly \_\_\_\_\_ Quarterly \_\_\_\_\_

Semi-Annually  Annually \_\_\_\_\_ Other (specify) \_\_\_\_\_

Anticipated Volume Per Frequency: \_\_\_\_\_ (Circle One) Tons Cubic Yards Drums Other (specify).

**VII. Supplemental Information**

Below is additional requested information to enable SWACO to determine if the waste is suitable for disposal in the FCSL. Please check all that apply and enclose attachments as part of this submittal.

None	_____	Special Handling Requirements	_____
Letter	_____	Clearance from Federal Regulatory Agency	_____
MSDS	_____	Clearance by State/Local Regulatory Agency	_____
Chemical Waste Composition	_____	Memorandum	_____
Schematic/flow chart	_____	COC	_____
Phase 1, 2 ESA	_____		

**VIII. Generator Certification**

1. Is this waste considered a hazardous waste as defined by Ohio or Federal regulations?  
\_\_\_\_\_ Yes \_\_\_\_\_ No
2. If this waste is not generated in Ohio, is it considered a hazardous waste in the country, state, or province in which it is generated? \_\_\_\_\_ Yes \_\_\_\_\_ No  
If yes, please explain (include as an attachment).
3. Does this waste contain regulated radioactive material or regulated concentrations of PCBs (polychlorinated biphenyls)? \_\_\_\_\_ Yes \_\_\_\_\_ No
4. Does this waste contain any of the following RCRA pesticides and/or herbicides: endrin, methoxychlor, lindane, chlordane, toxaphene, 2,4-D, 2,4,5-TP (Silvex), or heptachlor and its epoxides  Yes  No
5. Has all relevant information in the possession of the Generator regarding known or suspected hazards pertaining to this waste been disclosed to SWACO? \_\_\_\_\_ Yes \_\_\_\_\_ No
6. Is the attached analytical data derived from testing of a REPRESENTATIVE sample as defined in Ohio Administrative Code Rule 3745-51--20 or equivalent rules? \_\_\_\_\_ Yes \_\_\_\_\_ No
7. Will all changes that occur in the character of the waste be identified by the Generator and disclosed to SWACO prior to providing the waste for disposal? \_\_\_\_\_ Yes \_\_\_\_\_ No

**FRANKLIN COUNTY SANITARY LANDFILL  
SPECIAL WASTE PROFILE SHEET**

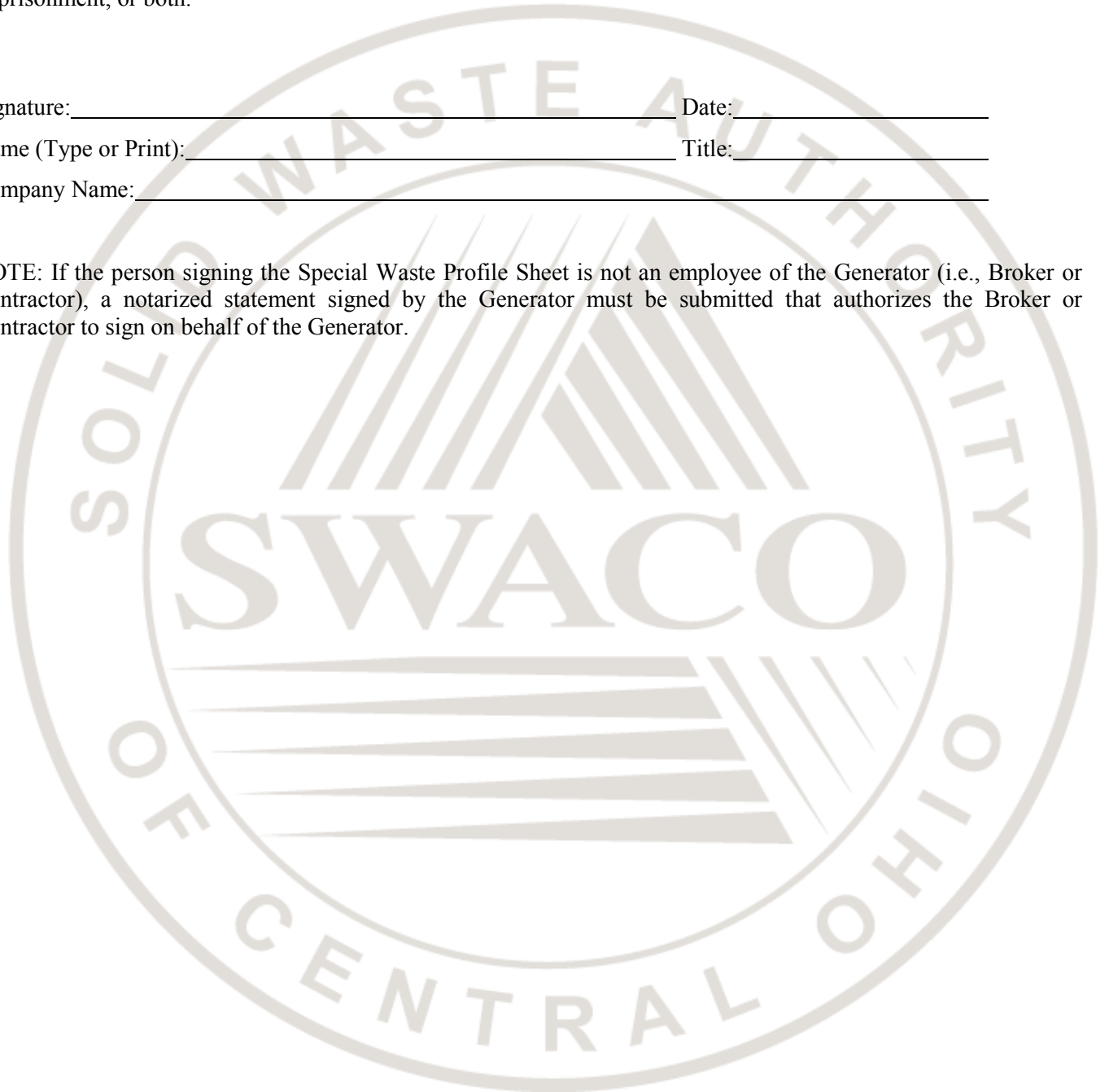
The undersigned states that he/she is a DULY AUTHORIZED representative of the Generator; has personally examined and is familiar with the information submitted herein; and believes that this information is true and correct to the best of his/her knowledge and ability to determine that no deliberate or willful omissions of composition or properties exists, that all known or suspected hazards have been disclosed, and that the waste is not designated a Hazardous Waste by U.S. EPA, Ohio EPA or others and does not contain PCBs pesticides, or asbestos regulated by TSCA under 40 CFE 760 through 40 CFR 763 or current SWACO policy. By completing and the signing the below information, I acknowledge that false or misleading information may result in fines, imprisonment, or both.

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Name (Type or Print): \_\_\_\_\_ Title: \_\_\_\_\_

Company Name: \_\_\_\_\_

NOTE: If the person signing the Special Waste Profile Sheet is not an employee of the Generator (i.e., Broker or Contractor), a notarized statement signed by the Generator must be submitted that authorizes the Broker or Contractor to sign on behalf of the Generator.



**Franklin County Sanitary Landfill**  
**Attachment A**  
**Analytical Methods and Maximum Allowable Constituent Levels**

Parameter	TCLP Extraction Procedure <sup>b</sup>	Analytical Method	Maximum Allowable Level	Units	Analytical Results	Comments
<b>TCLP Metals<sup>a</sup></b>						
Arsenic	SW-846-1311	SW-846-6010	<5.0	mg/l		
Barium	SW-846-1311	SW-846-6010	<100.0	mg/l		
Cadmium	SW-846-1311	SW-846-6010	<1.0	mg/l		
Chromium	SW-846-1311	SW-846-6010	<5.0	mg/l		
Lead	SW-846-1311	SW-846-6010	<5.0	mg/l		
Mercury	SW-846-1311	SW-846-7470	<0.2	mg/l		
Selenium	SW-846-1311	SW-846-6010	<1.0	mg/l		
Silver	SW-846-1311	SW-846-6010	<5.0	mg/l		
<b>TCLP Volatile Organics<sup>a</sup></b>						
Benzene	SW-846-1311	SW-846-8260	<0.5	mg/l		
Carbon Tetrachloride	SW-846-1311	SW-846-8260	<0.5	mg/l		
Chlorobenzene	SW-846-1311	SW-846-8260	<100.0	mg/l		
Chloroform	SW-846-1311	SW-846-8260	<6.0	mg/l		
1,2-Dichloroethane	SW-846-1311	SW-846-8260	<0.5	mg/l		
1,1-Dichloroethene (-ethylene)	SW-846-1311	SW-846-8260	<0.7	mg/l		
Methyl Ethyl Ketone (2 -Butanone)	SW-846-1311	SW-846-8260	<200.0	mg/l		
Tetrachloroethene (-ethylene)	SW-846-1311	SW-846-8260	<0.7	mg/l		
Trichloroethene (-ethylene)	SW-846-1311	SW-846-8260	<0.5	mg/l		
Vinyl Chloride	SW-846-1311	SW-846-8260	<0.2	mg/l		
<b>TCLP Semi-Volatile Organics (Base Neutrals)<sup>a</sup></b>						
1,4-Dichlorobenzene	SW-846-1311	SW-846-8270	<7.5	mg/l		
Hexachlorobenzene	SW-846-1311	SW-846-8270	<0.13	mg/l		
Hexachlorobutadiene	SW-846-1311	SW-846-8270	<0.5	mg/l		
Hexachloroethane	SW-846-1311	SW-846-8270	<3.0	mg/l		
Nitrobenzene	SW-846-1311	SW-846-8270	<2.0	mg/l		
Pyridine	SW-846-1311	SW-846-8270	<5.0	mg/l		
2,4-Dinitrotoluene	SW-846-1311	SW-846-8270	<0.13	mg/l		
<b>TCLP Semi-Volatile Organics (Acid Compounds)<sup>a</sup></b>						
o-Cresol (2-methylphenol)	SW-846-1311	SW-846-8270	<200.0	mg/l		
m-Cresol (3-methylphenol)	SW-846-1311	SW-846-8270	<200.0	mg/l		
p-Cresol (4-methylphenol)	SW-846-1311	SW-846-8270	<200.0	mg/l		
Cresol, Total	SW-846-1311	SW-846-8270	<200.0	mg/l		
Pentachlorophenol	SW-846-1311	SW-846-8270	<100.0	mg/l		
2,4,5-Trichlorophenol	SW-846-1311	SW-846-8270	<400.0	mg/l		
2,4,6-Trichlorophenol	SW-846-1311	SW-846-8270	<2.0	mg/l		

**Franklin County Sanitary Landfill  
Attachment A  
Analytical Methods and Maximum Allowable Constituent Levels**

Parameter	TCLP Extraction Procedure <sup>b</sup>	Analytical Method	Maximum Allowable Level	Units	Analytical Results	Comments
<b>TCLP Pesticides<sup>a</sup></b>						
Chlordane	SW-846-1311	SW-846-8081	<0.03	mg/l		
Endrin	SW-846-1311	SW-846-8081	<0.02	mg/l		
Heptachlor (and its epoxide)	SW-846-1311	SW-846-8081	<0.008	mg/l		
Lindane (gamma-BHC)	SW-846-1311	SW-846-8081	<0.4	mg/l		
Methoxychlor	SW-846-1311	SW-846-8081	<10.0	mg/l		
Toxaphene	SW-846-1311	SW-846-8081	<0.5	mg/l		
<b>TCLP Herbicides<sup>a</sup></b>						
2,4-D	SW-846-1311	SW-846-8151	<10.0	mg/l		
2,4,5-TP (Silvex)	SW-846-1311	SW-846-8151	<1.0	mg/l		
<b>General</b>						
pH	ASTM D 3987	SW-846-9045	2.0<pH<12.5	Standard Units		
Ignitability	NA	SW-846-1010	>140	Degrees Fahrenheit		
Reactive Cyanide	NA	SW-846-C7.3.3.2/9012	<500	mg/kg		
Reactive Sulfide	NA	SW-846-C7.3.4.2/9030	<500	mg/kg		
Free Liquids	NA	SW-846-9095	Pass			
PCBs	NA	SW-846-8082	<50	mg/kg		
Benzene	NA	SW-846-8021/8260	<10 <sup>c</sup>	mg/kg		
Toluene	NA	SW-846-8021/8260	<5000	mg/kg		
Ethylbenzene	NA	SW-846-8021/8260	<5000	mg/kg		
Xylene	NA	SW-846-8021/8260	<5000	mg/kg		
Lead	NA	SW-846-6010	<100 <sup>d</sup>	mg/kg		
Phenol	ASTM D 3987-85	SW-846-9065/9066	NA <sup>e</sup>	NA		
Cyanide	ASTM D 3987-85	SW-846-9012	NA <sup>e</sup>	NA		
Fluoride	ASTM D 3987-85	EPA 600-340.2/SW-846-9056	NA <sup>e</sup>	NA		

**Franklin County Sanitary Landfill  
Attachment A  
Analytical Methods and Maximum Allowable Constituent Levels**

<sup>a</sup> Parameter used to determine if a waste can be classified as a characteristic hazardous waste.

<sup>b</sup> Total analysis may be used (by SWACO approval) instead of TCLP analysis. If total analysis is used, analytical results must be less than 20 times the value show for TCLP analysis.

<sup>c</sup> If Benzene > 10 mg/kg then a TCLP Benzene must be performed.

<sup>d</sup> If total lead > 100 mg/kg, then a TCLP Lead must be performed.

<sup>e</sup> Test to be performed on spent foundry sand only to determine if it qualifies as a "non-toxic" exempt waste.

**Unit Conversions**

1 part per million (ppm) = 1 milligram per liter (mg/l) [TCLP Analysis] = 1 milligram per kilogram (mg/kg) [Total Analysis]

1 part per billion (ppb) = 1 microgram per liter (ug/l) [TCLP Analysis] = 1 microgram per kilogram (ug/kg) [Total Analysis]

1 ppm = 1,000 ppb

1 mg/l = 1,000 ug/l

1 mg/kg = 1,000 ug/kg

