

**FRANKLIN COUNTY SANITARY LANDFILL
ATTACHMENT B
WASTE TYPES AND ANALYTICAL REQUIREMENTS**

WASTE CODE	WASTE TYPES	ANALYTICAL REQUIREMENTS														Re-analysis Frequency (yrs)	Remarks		
		pH	Flashpoint	Reactive Cyanide	Reactive Sulfide	Paint Filter	TPH	TCLP Metals	TCLP Volatiles	TCLP Semi-Volatiles	TCLP Herbs/Pests ²	PCBs ²	Other	MSDS ³					
1	ADHESIVES																		
A	Elastomer-solvent cements		X							X							X	2	
B	Inorganic(portland cement, mortar, gypsum)																		No analysis required
C	Mineral(asphalt, pitches, hydrocarbon resins)									benzene	cresols pyridine					X	2		
D	Silicone polymers and cements															X			
E	Thermoplastic resins(polyetheylene, polyvinyl acetate)															X			
F	Thermosetting epoxy(phenol-formaldehyde - see Phenolic Resins)															X			
G	Vegetable(gum, latex, rubber)															X			
2	AGRICULTURAL WASTE(Fertilizers, Pesticides, Feed Supplements)												X			X	2		
3	ANTIFREEZE CONTAMINATED MATERIALS																		
A	Unused															X			
B	Used								X							X	2		
4	ASPHALT																		
A	Cured																	No analysis required	
B	Uncured									benzene						X	2		
5	BAGHOUSE DUST(non-metallurgical)	X	X	X	X				X								2	Verification required that the waste is not a K126 listed hazardous waste	
6	BATTERIES(sample must be prepared by cutting or grinding so that they pass through a 9.5 mm sieve prior to testing)																		
A	Alkaline								X							X	2		
B	Lead-Acid																	Hazardous waste	
C	Lithium								X								2		
D	Manganese								X							X	2		
E	Mercuric oxide button cell (watch)								X							X	2		
F	Nickel-cadmium																	Hazardous waste	
G	Silver oxide cell (watch)								X							X	2		

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H	Zinc-air button cell							X							X	2	
I	Zinc-carbon cell							X							X	2	
7	CATALYST																
A	Unused							X							X	2	
B	Used or Spent Catalyst	X		X	X	X	X	X	X						X	2	
8	CERAMIC WASTES							X								2	
9	CHEMICAL WASTES																
A	Acidic chemicals (pH<6)	X	X	X	X	X									X	2	
B	Basic chemicals (pH>8)	X	X	X	X	X									X	2	
C	Carbon Residues (Decoloring, Filtering Toner)	X	X	X	X	X		X	X	X					X	2	
D	Chemical Salts	X	X	X	X	X		X							X	2	
E	Combustible Chemicals	X	X	X	X	X									X	2	
F	Detergents, Cleaning Agents	X	X	X	X	X		X	X	X					X	2	
G	Filter Aids (i.e. Diatomaceous Earth)	X	X	X	X	X	X	X	X	X					X	2	
H	Off-Spec Products														X		
I	Pharmaceutical Wastes	X	X	X	X	X		X	X	X					X	2	
J	Spent Dyes	X	X	X	X	X	X	X	X	X					X	2	
K	Spent Filter Media	X	X	X	X	X		X	X	X					X	2	
L	Surface Collagens (Paints, Inks, Adhesives)	X	X	X	X	X		X	X	X					X	2	
M	Other Chemical Wastes	X	X	X	X	X									X	2	
10	CIRCUIT BOARDS (Must ground or cut prior to testing so that they pass through a 9.5 mm sieve)							X								2	
11	COMBUSTION RESIDUES																
A	Bottom Ash/Flyash (Coal-Derived)															2	See Checklists C and D for analytical requirements
B	Flue Gas Desulfurization Residue (FGD)	X				X		X								2	
C	Medical Incinerator Ash	X						X								2	
D	Municipal Incinerator Ash	X	X	X	X	X		X						Dioxins & dibenzofurans		1	Contact SWACO's consultant for additional requirements

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E	Municipal Wastewater Treatment Plant Incinerator Ash	X	X	X	X	X		X								2	
F	Other Ash	X	X	X	X	X		X								2	
12	DESICCANTS																
A	Unused													X			
B	Used								X							2	Desiccants used to dry natural gas require verification that the waste is not a F025 listed hazardous waste
13	EMPTY CONTAINERS																Complete a RCRA Empty Container Certification (40 CFR 261.7); No analysis required
14	FILTERS (Must be ground or cut prior to testing so that they pass through a 9.5 mm sieve)																
A	Coolant							X								2	
B	Fuel, non-terneplated							X	benzene							2	Generator must state on Waste Profile that filters are non-terneplated and hot-drained
C	Glycol filter from gas production							X	benzene							2	
D	Motor Oil, non-terneplated***																No analysis required
<p>***On May 20, 1992, EPA exempted non-terneplated used engine oil filters which have been gravity hot-drained by one of the following methods: (1) puncturing the filter anti-drain back valve or the filter dome and hot-draining; (2) hot-draining and crushing; (3) dismantling and hot-draining; (4) any other equivalent hot-draining method which will remove used oil. Customers using this option should describe it on the Waste Profile Sheet with justification as to its acceptability. Generator must certify that filters are non-terneplated and hot-drained on Waste Profile Sheet.</p>																	
15	FOOD WASTES (Excluding Sludge)														X		
16	GLASS																
A	Optical Glass							X								2	
B	Windshields							X								2	
C	Windows																No analysis required
17	GREASE TRAP WASTES	X	X			X	X									2	
18	LEATHER WASTES	X	X	X	X			X		X						2	
19	ION EXCHANGE RESIN																
A	Potable water purification																No analysis required

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23	OFF-SPEC OR OUTDATED PRODUCTS															X		
24	PAINT WASTE (Paint booth filters, paint sludges, etc.)																	Verification required regarding spent solvent management
A	Alcohol solvent							X							X	2		
B	Dry Paint, Dry Paint Chips		X					X	X	X						2		
C	Latex							X	X	X					X	2		
D	Oil-based							X	X						X	2		
E	Paint Fillers		X			X		X	X	X						2		
25	PETROLEUM CONTAMINATED SOILS AND DEBRIS(from spills and releases)																	
A	Aviation Fuel						X									1		
B	Crude Oil								benzene							1		
C	Cutting/Grinding Oil							cadmium lead chromium					TOX, BTEX		1	1	If TOX is > 50 mg/kg, TCLP Volatile and Semi-Volatile analyses are required	
D	Diesel Fuel						X									1		
E	Gasoline, Leaded						X						BTEX, total lead		1	1	If Total Lead is > 100 mg/kg, TCLP Lead is required	
F	Gasoline, Unleaded						X						BTEX		1			
G	Heating Oil #1-6						X									1		
H	Hydraulic Fluid							cadmium lead chromium					TOX, BTEX		1	1	If TOX is > 50 mg/kg, TCLP Volatile and Semi-Volatile analyses are required	
I	Kerosene						X									1		
J	Transmission Fluid							cadmium lead chromium					BTEX		1			
K	Waste Oil/Motor Oil							cadmium lead chromium					X TOX, BTEX		1	1	If TOX is > 50 mg/kg, TCLP Volatile and Semi-Volatile analyses are required	
26	PETROLEUM CONTAMINATED SOILS AND DEBRIS(virgin petroleum from UST only)																	

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A	Fresh Creosote Preserved Wood									X							2	
B	Weathered																	No analysis required; Generator must describe as weathered on Waste Profile

39	WOOD BLOCK FLOORING							X	X	X	X	X					2	
40	OTHER WASTES NOT LISTED ABOVE																	Analytical requirements to be determined on a case-by-case basis (process dependent)

(1) The analyses shown are the typical requirements for each waste type. A certification from the generator that certain contaminants are not present in the waste stream may be accepted in lieu of analysis provided that sufficient documentation (list of raw materials used, detailed description of all processes generating the waste, process flow schematic, etc.) is submitted and approved by SWACO and/or its consultant. Refer to Footnote 2 for the party responsible for acceptance of a generator certification.

(2) Parameters that can be waived by SWACO with an acceptable generator certification. All other parameters require consultant approval.

(3) Waste types that only require submittal of an MSDS may require analysis following review of the information presented therein.