

GUIDELINES FOR DISPOSAL OF SPECIAL WASTE AT THE HEART OF FLORIDA ENVIRONMENTAL LANDFILL

These procedures have been developed to ensure that special waste is handled in a consistent manner and reviewed by controlled processes prior to acceptance by Heart of Florida Environmental Landfill. The purpose of these procedures is to make sure that we comply with all rules, regulations, and laws pertaining to the generation, transportation, and disposal of special waste at our facility. It is our desire to prevent and reduce any negative impact that could result in handling and processing special waste material that requires special handling or may differ from materials normally processed within the MSW stream.

There is no guarantee that conforming to these guidelines will assure disposal of the material in question. Heart of Florida Environmental reserves the right to refuse disposal of any waste based upon concerns over the volume or nature of any waste material. Heart of Florida Environmental may also at its discretion charge an additional tipping fee dependent upon the volume and nature of the material. All waste disposed must comply with all federal, state, and local laws.

HOFLENV DISPOSAL TERMS:

Profile form:

- All contaminated soil, muck, industrial wastewater sludge or septage, or other material of industrial origin disposed of at the Heart of Florida Environmental Landfill must be accompanied with a completed non-hazardous waste profile form found at:
<http://hoflenv.com/uploads/Non-Haz%20Waste%20Profile%20Form.pdf>
- All sections of the non-hazardous waste profile form must be completed.
- Any questions related to completion of the form are to be directed to specialwaste@hoflenv.com.

Lab Analysis:

- The lab data that you must provide is outlined in Table 1. Generator must analyze for all regulated contaminants and properties that may be expected to be present, even if not specifically provided on this list. The burden is on the generator to ensure that the waste is non-hazardous and conforms to State and Federal requirements.
- Samples must have been collected within one year.
- Provide complete laboratory test results including chain of custody. Incomplete reports will not be accepted.
- Totals analysis may be provided in lieu of TCLP. Totals results that are more than 90% of 20-times the maximum concentration in Table 2 will require TCLP testing.
- The generator is responsible for obtaining a representative sample of the material. A minimum of one grab sample per 1,000 tons of material or per process generating the waste is required.
- Sampling procedure must be in accordance with EPA Method SW-846.
- Laboratory analyses must be performed by a laboratory certified with the State of Florida's Department of Health.

Table 1: Special Waste - Required Lab Analyses

Material	Required Testing Refer to Table 2 for specific parameters
Asbestos	Contact specialwaste@hoflenv.com
CCA treated wood	Contact specialwaste@hoflenv.com
Domestic wastewater residuals	Metals, Semi-Volatiles, Volatiles, Pesticides/Herbicides, PCBs, solids content
Industrial wastewater treatment residuals	Metals, Semi-Volatiles, Volatiles, Pesticides/Herbicides, PCBs, solids content
Industrial grits, screenings, filter cake, scale, and sludges	Contact specialwaste@hoflenv.com
Petroleum contaminated soil –underground storage tank	Metals
Petroleum Contaminated soil – all other spills and releases	Metals, benzene
Petroleum contaminated soil – where used oil, hydraulic oil or mineral oil contamination may be present	Metals, benzene; PCBs
Pond sediment	Metals, Semi-Volatiles, Volatiles, PCBs

Table 2: Maximum Concentration of Contaminants

<u>Constituent</u>	<u>Regulatory Level (TCLP)</u>	<u>Constituent</u>	<u>Regulatory Level (TCLP)</u>
Metals	(mg/L)	Semi-Volatiles	(mg/L)
1. Arsenic	5.00	1. o-Cresol	200.00
2. Barium	100.00	2. m-Cresol	200.00
3. Cadmium	1.00	3. Cresol (total)	200.00
4. Chromium	5.00	4. 1,4-Dichlorobenzene	7.50
5. Lead	5.00	5. 2,4-Dinitrotoluene	0.13
6. Mercury	0.20	6. Hexachlorobenzene	0.13
7. Selenium	1.00	7. Hexachlorobutadiene	0.50
8. Silver	5.00	8. Hexachloroethane	3.00
Volatiles	(mg/L)	9. Nitrobenzene	2.00
1. Benzene	0.50	10. Petrachlorophenol	100.00
2. Carbon Tetrachloride	0.50	11. Pyridine	5.00
3. Chlorobenzene	100.00	12. 2, 4, 5-Trichlorophenol	400.00
4. Chloroform	6.00	13. 2, 4, 5-Trichlorophenol	2.00
5. 1, 2 Dichloroethane	0.50	Pesticides and Herbicides	(mg/L)
6. 1,1 Dichloroethylene	0.70	1. Chlordane	0.03
7. Methyl ethyl ketone	200.00	2. Endrin	0.02
8. Tetrachloroethylene	0.70	3. Heptachlor	0.008
9. Trichloroethylene	0.50	4. Heptachlor Epoxide	0.008
10. Vinyl Chloride	0.20	5. Lindane (Gamma-BHC)	0.40
Polychlorinated Biphenyls	(ppm)	6. Methoxychlor	10.00
1. Aroclor 1016	<PQL	7. Toxaphene (Chlorocamphene)	0.50
2. Aroclor 1221	<PQL	8. 2, 4-D	10.00
3. Aroclor 1232	<PQL	9. 2,4,5 – TP (Silvex)	1.0
4. Aroclor 1242	<PQL		
5. Aroclor 1248	<PQL		
6. Aroclor 1254	<PQL		
7. Aroclor 1260	<PQL		

PQL – Lab Practical Quantitative Limit