

## CHECKLIST FOR HAZARDOUS WASTE PARAMETERS

### Total/TCLP RCRA Metals (ppm)<sup>1</sup>

— Arsenic	As	5.0
— Barium	Ba	100.0
— Cadmium	Cd	1.0
— Chromium	Cr	5.0
— Lead	Pb	5.0
— Mercury	Hg	0.2
— Selenium	Se	1.0
— Silver	Ag	5.0

### Total/Reactive<sup>3</sup>

— Cyanide	10.0
— Sulfide	10.0

### Miscellaneous Analyses

— Flash Point	>140 °F
— Paint Filter	Pass
— pH (corrosivity)	2.0 < ; < 12.5
— Percent Solids	No Limits
— Phenol	1000.0 ppm

### Optional Analyses<sup>5</sup>

— EOX	1000.0 ppm
— PCBs	5.0 ppm

### Total/TCLP Organics (ppm)<sup>1</sup>

#### **[Volatile Organics]**

— Benzene	0.500
— Carbon Tetrachloride	0.500
— Chlorobenzene	100.000
— Chloroform	6.000
— 1,2-Dichloroethane	0.500
— 1,1-Dichloroethene	0.700
— 2-Butanone (MEK)	200.000
— Tetrachloroethene	0.700
— Trichloroethene	0.500
— Vinyl Chloride	0.200

#### **[Semi-Volatile Organics]**

#### **[Acid/Base-Neutral Compounds]**

— Cresol (o,m,p) <sup>2</sup>	200.000
— 1,4-Dichlorobenzene	7.500
— 2,4-Dinitrotoluene	0.130
— Hexachlorobenzene	0.130
— Hexachlorobutadiene	0.500
— Hexachloroethane	3.000
— Nitrobenzene	2.000
— Pentachlorophenol	100.000
— Pyridine	5.000
— 2,4,5-Trichlorophenol	400.000
— 2,4,6-Trichlorophenol	2.000

#### **[RCRA Pesticides/Herbicides]<sup>4</sup>**

— Chlordane	0.030
— Endrin	0.020
— Heptachlor and its epoxide	0.008
— Lindane (Gamma-BHC)	0.400
— Methoxychlor	10.000
— Toxaphene	0.500
— 2,4-D	10.000
— 2,4,5-TP (Silvex)	1.000

<sup>1</sup> Limits given for Total and TCLP concentrations. If the Total concentration of a parameter exceeds the limit shown, the TCLP must be performed.

<sup>2</sup> If the o-, m-, and p-cresol concentrations cannot be differentiated, the total cresol concentration can be used. The regulatory level for total cresol is 200.0 ppm.

<sup>3</sup> If the Total Cyanide or Sulfide concentration is above the limit shown, the Reactive test must be performed. A Cyanide/Sulfide Certification must be signed if the Total/Reactive Cyanide and/or Sulfide concentrations exceed the limit of 10.0 ppm. The upper limits with the certification for Cyanide and Sulfide are 250 and 500 ppm, respectively.

<sup>4</sup> The RCRA Pesticide/Herbicide Certification can be signed in lieu of testing for these compounds. These are the only compounds that can be certified.

<sup>5</sup> These parameters must be tested if they are expected in the waste. These parameters may or may not be required by IEPA. It is left to the generator's discretion to have these parameters tested.