

**ROCK RIVER WATER RECLAMATION DISTRICT**  
**Definition of a Hazardous Waste**

The following is a brief definition of a hazardous waste. It is intended to be used only as a guideline. The district recommends that all industrial users who think they may discharge a hazardous waste obtain a complete copy of 40 CFR 261.

Characteristics of Hazardous Waste

1. Ignitability--a liquid, other than an aqueous solution containing less than 24 percent alcohol by volume, and has a flash point less than 60°C (140°F), as determined by a Pensky-Martens Closed Cup Tester.
2. Corrosivity--a pH less than or equal to 2 or greater than or equal to 12.5 as determined by a pH meter.
3. Reactivity--a cyanide or sulfide bearing waste which, when exposed to pH conditions between 2 and 12.5 can generate toxic gases, vapor or fumes in a quantity sufficient to present a danger to human health or the environment.
4. Toxic Characteristic<sup>1</sup>--a waste may be a "TC waste" if any of the chemicals listed below are present in waste sample extract or leachate test results determined by the Toxicity Characteristics Leaching Procedure (TCLP) on that waste:

benzene	0.50 mg/L	arsenic	5.0 mg/L
carbon tetrachloride	0.50 mg/L	barium	100.0 mg/L
Chlordane	0.03 mg/L	cadmium	1.0 mg/L
Chlorobenzene	100.0 mg/L	chromium	5.0 mg/L
chloroform	6.0 mg/L	lead	5.0 mg/L
m-cresol	200.0 mg/L	selenium	1.0 mg/L
o-cresol	200.0 mg/L	endrin	0.02 mg/L
p-cresol	200.0 mg/L	lindane	0.4 mg/L
1,4 dichlorobenzene	7.5 mg/L	methoxychlor	10.0 mg/L
1,2 dichloroethane	0.50 mg/L	toxaphene	0.5 mg/L
1,1 dichloroethylene	0.70 mg/L	2,4 dichlorophenoxyacetic acid	10.0 mg/L
2,4 dinitrotoluene	0.13 mg/L	2,4,5 trichlorophenoxypropionic acid	1.0 mg/L
Heptachlor (and its hydroxide)	0.008	2,4,5 trichlorophenol	400.0 mg/L
Hexachloro-1,3 butadiene	0.5 mg/L	vinyl chloride	0.20 mg/L
hexachlorobenzene	0.13 mg/L	2,4,6 trichlorophenol	2.0 mg/L
hexachloroethane	3.0 mg/L	trichloroethylene	0.5 mg/L
methyl ethyl ketone	200.0 mg/L	tetrachloroethylene	0.7 mg/L
nitrobenzene	2.0 mg/L	pyridine	5.0 mg/L
pentachlorophenol	100.0 mg/L	silver	5.0 mg/L
mercury	0.2 mg/L		

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<sup>1</sup> 40 CFR Part 261 et al, Revised March 29, 1990