

TOXICITY CHARACTERISTIC

- **PROMULGATED MARCH 29, 1990**
- **REPLACES EP TOX AS A CHARACTERISTIC OF
HAZARDOUS WASTE**
- **USES DILUTE ACIDIC SOLUTION TO EXTRACT A
SOLID WASTE (TCLP)**
- **WASTEWATERS ARE ANALYZED DIRECTLY WITHOUT
EXTRACTION**

TC CHEMICALS FINAL RULE

- INCLUDES 25 NEW ORGANICS PLUS THE 14 EP MATERIALS
- VCM REGULATORY LEVEL 200 PPB; EDC 500 PPB
- THE TCLP BECOMES THE NEW TEST
- TC WASTES BECOME HAZARDOUS SUBSTANCES UNDER SECTION 101(14) OF CERCLA (RQ ADDED AT 40 CFR 302)

EFFECTIVE DATE

- **ALL GENERATORS OF MORE THAN 100 AND LESS THAN 1,000 KG/MONTH MUST COME INTO COMPLIANCE WITH SUBTITLE FOR MANAGEMENT OF THEIR TC WASTES WITHIN ONE YEAR OF PUBLICATION. (3/29/91)**
- **ALL GENERATORS OF 1,000 KG/MONTH OR MORE MUST COMPLY WITHIN 6 MONTHS OF THE DAY OF PUBLICATION. (9/25/90)**

LAND DISPOSAL RESTRICTIONS (LDR)

- TC WASTES NOT IMMEDIATELY SUBJECT TO THE LDR PROGRAM
- NEWLY IDENTIFIED WASTE WILL BE SUBJECT TO A SIX MONTH DEADLINE FOR LDR DETERMINATION WITH NO HAMMER TO TAKE EFFECT.
- OWNER OR OPERATOR OF A NEWLY-REGULATED SURFACE IMPOUNDMENT MUST RETROFIT 4 YEARS FROM THE DATE OF PROMULGATION OF THE ADDITIONAL CHARACTERISTIC.
- WASTEWATER SURFACE IMPOUNDMENTS COULD BE REQUIRED TO RETROFIT SOONER ONCE THE LDR IS PROMULGATED.

TABLE 1 - EP TOXICITY REGULATORY LEVELS

EPA HW Number	CONTAMINANT	REGULATORY Level (mg/l)
D004	Arsenic	5.0
D005	Barium	100.0
D006	Cadmium	1.0
D007	Chromium	5.0
D016	2,4-D	10.0
D012	Endrin	0.02
D008	Lead	5.0
D013	Lindane	0.4
D009	Mercury	0.2
D014	Methoxychlor	10.0
D010	Selenium	1.0
D011	Silver	5.0
D015	Toxaphene	0.5
D017	2,4,5-TP (Silvex)	1.0

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TABLE 2 - TC REGULATORY LEVELS

EPA HW Number	CONTAMINANT	REGULATORY Level (mg/l)
D004	Arsenic(*)	5.0
D005	Barium(*)	100.0
D018	Benzene	0.5
D006	Cadmium(*)	1.0
D019	Carbon Tetrachloride	0.5
D020	Chlordane	0.03
D021	Chlorobenzene	100.0
D022	Chloroform	6.0
D007	Chromium(*)	5.0
D023	o-Cresol	200.0
D024	m-Cresol	200.0
D025	p-Cresol	200.0
D026	Cresol	200.0
D016	2,4-D(*)	10.0
D027	1,4-Dichlorobenzene	7.5
D028	1,2-Dichloroethane	0.5
D029	1,1-Dichloroethylene	0.7
D030	2,4-Dinitrotoluene	0.13
D012	Endrin(*)	0.02
D031	Heptachlor	0.008
D032	Hexachlorobenzene	0.13
D033	Hexachlorobutadiene	0.5
D034	Hexachloroethane	3.0
D008	Lead(*)	5.0
D013	Lindane(*)	0.4
D009	Mercury(*)	0.2
D014	Methoxychlor(*)	10.0
D035	Methyl ethyl ketone	200.0
D036	Nitrobenzene	2.0
D037	Pentachlorophenol	100.0
D038	Pyridine	5.0
D010	Selenium(*)	1.0
D011	Silver(*)	5.0
D039	Tetrachloroethylene	0.7
D015	Toxaphene(*)	0.5
D040	Trichloroethylene	0.5
D041	2,4,5-Trichlorophenol	400.0
D042	2,4,6-Trichlorophenol	2.0
D017	2,4,5-TP (Silvex)(*)	1.0
D043	Vinyl chloride	0.2

(*) On the EP Toxicity constituent list