

MICHIGAN WATER RESOURCES COMMISSION

*CRITICAL MATERIALS REGISTER

I. INORGANIC MATERIALS (but including organic derivatives)

Classes of inorganic compounds:

<u>A. Cations</u>			<u>B. Anions</u>
Antimony	Lead	Silver	Azides
Arsenic	Mercury	Thallium	Cyanides
Cadmium	Nickel	Tin	Sulfides
Chromium	Selenium	Zinc	
Copper			

II. ORGANIC MATERIALS

A. Toxic to humans and/or fish at 5 ppm or less:

1. Organic compounds:

Abietic Acid	Dimethyl dioxane	Peracetic Acid
Acridine	Dioxane	Phenanthrene
Acrolein	Hydroquinone	Quinoline
Beta propriolactone	Lactonitrile	Quinone
Benzene	Mesityl Oxide	Turpentine
Benzaldehyde	Naphtholic Acid	Polychlorinated Biphenyls
Benzyl Bromide	Napthol	Hexachlorobenzene
Dichloropropane	Napthenic Acid	Hexachlorobutadiene
Diethylbenzene	Oleic Acid	

2. Classes of organic compounds:

Amines	Nitrobenzenes
Anilines	Phenolic compounds
Butyraldehydes	Phthalates
Chlorinated Benzene Compounds	Pyridines
Ether containing compounds	Silanes

B. Cause aesthetic problems at 5 ppm or less (i.e., taste and odor).

<u>Compounds</u>	<u>Classes of compounds</u>
Amyl Acetate	Picramates
Butyl Alcohol	Xylenes
Butyric Acid	
Carbon Disulfide	
Crotonaldehyde	
Cumene	
Ethyl Acrylate	
Isoprene	
Mesitylene	
Styrene	
Vinyl Toluene	

MONS 092253

III. PESTICIDES, HERBICIDES AND FUNGICIDES

Herbicides

Tordon
2-4-5 T (and its
formulations)

Pesticides

Aldrin
DDT
Dieldrin
Endrin
Heptachlor
Toxaphene