

**TABLE 1**  
**REGULATED AND UNREGULATED TOXIC POLLUTANTS \***

Chemical	EPA Recommended Criteria	ADEM Adopted Criteria
1,1,1-Trichloroethane 71556	✓	
1,1,2,2-Tetrachloroethane 79345	✓	✓
1,1,2-Trichloroethane 79005	✓	✓
1,1-Dichloroethylene 75354	✓	✓
1,2,4-Trichlorobenzene 120821	✓	✓
1,2-Dichlorobenzene 95501	✓	✓
1,2-Dichloroethane 107062	✓	✓
1,2-Dichloropropane 78875	✓	✓
1,2-Diphenylhydrazine 122667	✓	✓
1,3-Dichlorobenzene 541731	✓	✓
1,3-Dichloropropene 542756	✓	✓
1,4-Dichlorobenzene 106467	✓	✓
2,3,7,8-TCDD (Dioxin) 1746016	✓	✓
2,4,6-Trichlorophenol 88062	✓	✓
2,4-Dichlorophenol 120832	✓	✓

Chemical	EPA Recommended Criteria	ADEM Adopted Criteria
2,4-Dimethylphenol 105679	✓	✓
2,4-Dinitrophenol 51285	✓	✓
2,4-Dinitrotoluene 121142	✓	✓
2-Chloronaphthalene 91587	✓	✓
2-Chlorophenol 95578	✓	✓
2-Methyl-4,6-Dinitrophenol 534521	✓	✓
3,3'-Dichlorobenzidine 91941	✓	✓
3-Methyl-4-Chlorophenol 59507	✓	
Acenaphthene 83329	✓	✓
Acrolein 107028	✓	✓
Acrylonitrile 107131	✓	✓
Aldrin 309002	✓	✓
alpha-Hexachlorocyclohexane (HCH) 319846	✓	✓
alpha-Endosulfan 959988	✓	✓
Anthracene 120127	✓	✓
Antimony 7440360	✓	✓

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Chemical	EPA Recommended Criteria	ADEM Adopted Criteria
Arsenic 7440382	✓	✓
Asbestos 1332214	✓	✓
Benzene 71432	✓	✓
Benzidine 92875	✓	✓
Benzo(a)anthracene 56553	✓	✓
Benzo(a)pyrene 50328	✓	✓
Benzo(b)fluoranthene 205992	✓	✓
Benzo(k)fluoranthene 207089	✓	✓
beta-Hexachlorocyclohexane (HCH) 319857	✓	✓
beta-Endosulfan 33213659	✓	✓
Bis(2-Chloro-1-methylethyl) Ether 108601	✓	✓
Bis(2-Chloroethyl) Ether 111444	✓	✓
Bis(2-Ethylhexyl) Phthalate 117817	✓	✓
Bromoform 75252	✓	✓
Butylbenzyl Phthalate 85687	✓	✓
Carbon Tetrachloride 56235	✓	✓

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Chemical	EPA Recommended Criteria	ADEM Adopted Criteria
Chlordane 57749	✓	✓
Chlorobenzene 108907	✓	✓
Chlorodibromomethane 124481	✓	✓
Chloroform 67663	✓	✓
Chrysene 218019	✓	✓
Copper 7440508	✓	✓
Cyanide 57125	✓	✓
Dibenzo(a,h)anthracene 53703	✓	✓
Dichlorobromomethane 75274	✓	✓
Dieldrin 60571	✓	✓
Diethyl Phthalate 84662	✓	✓
Dimethyl Phthalate 131113	✓	✓
Di-n-Butyl Phthalate 84742	✓	✓
Endosulfan Sulfate 1031078	✓	✓
Endrin 72208	✓	✓
Endrin Aldehyde 7421934	✓	✓

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Chemical	EPA Recommended Criteria	ADEM Adopted Criteria
Ethylbenzene 100414	✓	✓
Fluoranthene 206440	✓	✓
Fluorene 86737	✓	✓
gamma-Hexachlorocyclohexane (HCH) [Lindane] 58899	✓	✓
Heptachlor 76448	✓	✓
Heptachlor Epoxide 1024573	✓	✓
Hexachlorobenzene 118741	✓	✓
Hexachlorobutadiene 87683	✓	✓
Hexachlorocyclopentadiene 77474	✓	✓
Hexachloroethane 67721	✓	✓
Indeno(1,2,3-cd)pyrene 193395	✓	✓
Isophorone 78591	✓	✓
Methylmercury 22967926	✓	
Methyl Bromide 74839	✓	✓
Methylene Chloride 75092	✓	✓

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Chemical	EPA Recommended Criteria	ADEM Adopted Criteria
Nickel 744000	✓	✓
Nitrobenzene 98953	✓	✓
N-Nitrosodimethylamine 62759	✓	✓
N-Nitrosodi-n-Propylamine 621647	✓	✓
N-Nitrosodiphenylamine 86306	✓	✓
Pentachlorophenol 87865	✓	✓
Phenol 108952	✓	✓
p,p'-Dichlorodiphenyldichloroethane (DDD) 72548	✓	✓
p,p'-Dichlorodiphenyldichloroethylen e (DDE) 72559	✓	✓
p,p'-Dichlorodiphenyltrichloroethane (DDT) 50293	✓	✓
Polychlorinated Biphenyls (PCBs) 1336363	✓	✓
Pyrene 129000	✓	✓
Selenium 7782492	✓	✓
Tetrachloroethylene 127184	✓	✓
Thallium 7440280	✓	✓

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Chemical	EPA Recommended Criteria	ADEM Adopted Criteria
Toluene 108883	✓	✓
Toxaphene 8001352	✓	✓
trans-1,2-Dichloroethylene 156605	✓	✓
Trichloroethylene 79016	✓	✓
Vinyl Chloride 75014	✓	✓
Zinc 7440666	✓	✓

**\* Summary:**

Table 1 identifies 99 toxic pollutants for which EPA has published national recommended water quality criteria for the protection of human health pursuant to Clean Water Act § 304(a), 33 U.S.C. § 1314(a), and 96 toxic pollutants for which ADEM has adopted water quality criteria to protect human health. The former are based on *National Recommended Water Quality Criteria - Human Health Criteria Table*, <https://www.epa.gov/wqc/national-recommended-water-quality-criteria-human-health-criteria-table> (accessed Dec. 31, 2021). The latter are based on ADEM Admin. Code r. 335-6-10-.07, Table 1 - Toxic Pollutant Criteria.

ADEM has not adopted water quality criteria to protect human health for 3 toxic pollutants: 1,1,1-Trichloroethane, 3-Methyl-4-Chlorophenol, and Methylmercury (highlighted in yellow).