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	✔	✔

ED_013582_00000053-00001

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	✔	✔

Table 1 - Alabama (page 2 of 7)

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	✔	✔

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	✔	✔

Table 1 - Alabama (page 4 of 7)

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	✔	✔

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'-Dichlorodiphenyldichloroethylene (DDE) 72559	✔	✔
p,p'-Dichlorodiphenyltrichloroethane (DDT) 50293	✔	✔
Polychlorinated Biphenyls (PCBs) 1336363	✔	✔
Pyrene 129000	✔	✔
Selenium 7782492	✔	✔
Tetrachloroethylene 127184	✔	✔
Thallium 7440280	✔	✔

Table 1 - Alabama (page 6 of 7)

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 (highlightled in yellow).

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