

## Chapter NR 215

## LIST OF TOXIC, CONVENTIONAL, AND NONCONVENTIONAL POLLUTANTS

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**Note:** Corrections made under s. 13.93 c2md cbd 1. and 7., Register, August, 1997, No. 500.

**NR 215.01 Purpose and authority.** Section 283.21, Stats., requires that the department promulgate a list of toxic pollutants. The discharge to surface or groundwaters of any pollutant included on this list is subject to the requirements of ss. 283.13 c2d cbd and ccd and 283.21 c1d cbd and cdd, Stats. These sections require that by certain dates no discharge shall contain quantities of these pollutants greater than those which would remain after the discharge had received treatment by the best available technology economically achievable or greater than any lesser quantity necessary to provide an ample margin of safety.

**History:** Cr. Register, April, 1981, No. 304, eff. 5-1-81.

**NR 215.02 Definitions.** Terms used in this chapter are defined in s. NR 205.03. Abbreviations used in this chapter are defined in s. NR 205.04.

**History:** Cr. Register, April, 1981, No. 304, eff. 5-1-81.

**NR 215.03 List of toxic pollutants.** The following table contains a list of toxic pollutants categorized by chemical class, based upon analytical methodology:

**c1d** VOLATILE COMPOUNDS.

cad Acrolein  
 cbd Acrylonitrile  
 ccd Benzene  
 cdd Bromoform  
 ced Carbon tetrachloride ctetrachloromethaned  
 cfd Chlorobenzene  
 cgd Chlorodibromomethane  
 chd Chloroethane  
 cid 2-Chloroethy vinyl ether cmixedd  
 cjd Chloroform ctrichloromethaned  
 ckd Dichlorobromomethane  
 cLd 1,1-Dichloroethane  
 cmd 1,2-Dichloroethane  
 cnd 1,1-Dichloroethylene  
 cod Trans-1,2-Dichloroethylene  
 cpd 1,2-Dichloropropane  
 cqd 1,3-Dichloropropylene c1,3-dichloropropened  
 crd Ethylbenzene  
 csd Methyl bromide cbromomethaned  
 ctd Methyl chloride cchloromethaned  
 cud Methylene chloride cdichloromethaned  
 cvd 1,1,2,2-Tetrachloroethane  
 cwd Tetrachloroethylene cperchloroethylened  
 cxd Toluene  
 cyd 1,1,1-Trichloroethane  
 czd 1,1,2-Trichloroethane  
 czad Trichloroethylene

czbd Vinyl chloride cchloroethylened

**c2d** ACID EXTRACT COMPOUNDS.

cad Parachlorometa cresol  
 cbd 2-Chlorophenol  
 ccd 2,4-Dichlorophenol  
 cdd 2,4-Dimethylphenol  
 ced 4,6-Dinitro-o-cresol  
 cfd 2,4-Dinitrophenol  
 cgd 2-Nitrophenol  
 chd 4-Nitrophenol  
 cid Pentachlorophenol  
 cjd Phenol  
 ckd 2,4,6-Trichlorophenol

**c3d** BASE{NEUTRAL COMPOUNDS.

cad Acenaphthene  
 cbd Acenaphthylene  
 ccd Anthracene  
 cdd Benzidine  
 ced Benzocanthracene c1,2-benzanthracened  
 cfd Benzocadpyrene c3,4-benzopyrened  
 cgd 3,4-Benzofluoranthene cbenzocbdflyoranthened  
 chd Benzocghidperylene c1,12-benzoperylened  
 cid Benzockdflyoranthene c11,12-benzoflyoranthened  
 cjd Bis c2-chlorethoxyd methane  
 ckd Bis c2-chloroethyld ether  
 cLd Bis c2-chloroisopropyld ether  
 cmd Bis c2-ethylhexyld phthalate  
 cnd 4-Bromophenyl phenyl ether  
 cod Butyl benzyl phthalate  
 cpd 2-Chloronaphthalene  
 cqd 4-Chlorophenyl phenyl ether  
 crd Chrysene  
 csd Dibenzoca,hdanthracene c1,2,5,6-dibenanthracened  
 ctd 1,2-Dichlorobenzene  
 cud 1,3-Dichlorobenzene  
 cvd 1,4-Dichlorobenzene  
 cwd 3,3[-Dichlorobenzidine  
 cxd Diethyl phthalate  
 cyd Dimethyl phthalate  
 czd Di-n-butyl phthalate  
 czad 2,4-Dinitrotoluene  
 czbd 2,6-Dinitrotoluene  
 czcd Di-n-octyl phthalate  
 czdd 1,2-Diphenylhydrazine  
 czed Fluoranthene  
 czfd Fluorene  
 czgd Hexachlorobenzene

czhd Hexachlorobutadiene  
 czid Hexachlorocyclopentadiene  
 czjd Hexachloroethane  
 czkd Indeno 1,2,3-cdd pyrene c2,3-o-phenylene pyrened  
 czLd Isophorone  
 czmd Naphthalene  
 cznd Nitrobenzene  
 czod N-nitrosodimethylamine  
 czpd N-nitrosodi-n-propylamine  
 czqd N-nitrosodiphenylamine  
 czrd Phenanthrene  
 czsd Pyrene  
 cztd 1,2,4-Trichlorobenzene

**c4d PESTICIDES.**

cad Aldrin  
 cbd BHC-hexachlorocyclohexane:
 

1. alpha-BHC
2. beta-BHC
3. delta-BHC
4. gamma-BHC

 ccd Chlordane  
 cdd 4,4-DDT  
 ced 4,4-DDE cp,p-DDXd  
 cfd 4,4-DDD cp,p-TDEd  
 cgd Dieldrin  
 chd alpha-Endosulfan  
 cid beta-Endosulfan  
 cjd Endosulfan sulfate  
 ckd Endrin  
 cLd Endrin aldehyde  
 cmd Heptachlor  
 cnd Heptachlor epoxide  
 cod PCB-polychlorinated biphenyls:
 

1. PCB-1016 cAroclor 1016d
2. PCB-1221 cAroclor 1221d
3. PCB-1232 cAroclor 1232d
4. PCB-1242 cAroclor 1242d
5. PCB-1248 cAroclor 1248d
6. PCB-1254 cAroclor 1254d
7. PCB-1260 cAroclor 1260d

cpd Toxaphene

**c5d DIOXIN.**

cad 2,3,7,8-Tetrachlorodibenzo-p-dioxin c2,3,7,8-TCDDd

**c6d METALS AND OTHER COMPOUNDS.**

cad Antimony  
 cbd Arsenic  
 ced Asbestos  
 cdd Beryllium  
 ced Cadmium  
 cfd Chromium  
 cgd Copper  
 chd Cyanide, Total  
 cid Lead  
 cjd Mercury  
 ckd Nickel  
 cLd Selenium

cmd Silver  
 cnd Thallium  
 cod Zinc

**History:** Cr. Register, April, 1981, No. 304, eff. 5-1-81; r. and recr. Register, September, 1986, No. 369, eff. 10-1-86.

**NR 215.04 Provisions for revision of list.** Section 283.21 c1d cad, Stats., authorizes the department to periodically amend this chapter to add to or remove from the list any pollutant and requires that when revising this list the department consider the toxicity of the pollutant, its persistence, degradability, the usual or potential presence in any waters of any organisms affected by the discharge of the toxic pollutant or combination of pollutants, the importance of the affected organism and the nature and extent of the toxic pollutant[s effect] on these organisms.

**History:** Cr. Register, April, 1981, No. 304, eff. 5-1-81.

**NR 215.05 List of conventional pollutants.**

**c1d** Biochemical oxygen demand  
**c2d** Total suspended solids  
**c3d** Oil and grease  
**c4d** pH  
**c5d** Fecal coliform

**History:** Cr. Register, September, 1986, No. 369, eff. 10-1-86.

**NR 215.06 List of nonconventional pollutants.**

**c1d** Ammonia  
**c2d** Bromide  
**c3d** Chemical oxygen demand  
**c4d** Chlorine  
**c5d** Color  
**c6d** Fluoride  
**c7d** Nitrate - nitrite  
**c8d** Nitrogen  
**c9d** Phosphorus  
**c10d** Radioactivity  
 cad Alpha  
 cbd Beta  
 ccd Radium  
 cdd Radium 226  
**c11d** Sulfate  
**c12d** Sulfide  
**c13d** Sulfite  
**c14d** Surfactants  
**c15d** Total organic carbon  
**c16d** Aluminum  
**c17d** Barium  
**c18d** Boron  
**c19d** Cobalt  
**c20d** Iron  
**c21d** Magnesium  
**c22d** Molybdenum  
**c23d** Manganese  
**c24d** Tin  
**c25d** Titanium  
**c26d** Chloride

**History:** Cr. Register, September, 1986, No. 369, eff. 10-1-86; cr. c26d, Register, January, 2000, No. 529, eff. 2-1-00.