

CCCSO LIST OF TOTAL TOXIC ORGANIC (TTO) POLLUTANTS SUBJECT TO TTO LOCAL LIMIT OR TTO MANAGEMENT PLAN

The District's Local Discharge Limits include a parameter called Total Toxic Organics (TTO) with a limit set at 2.10 mg/L. The EPA has created a list of priority organic pollutants which cumulatively make up the District's TTO parameter. The analysis methods set forth in 40 CFR Part 136, Methods 624, 625, and 608, provide data on the TTO constituents. Method 608 may not always be required. Unless specifically required, Method 1613 for dioxin compounds is not mandatory for routine analysis of TTO constituents. The constituents with concentrations greater than 0.01 mg/L must be added together to determine compliance with the District's Local Discharge Limit for TTO. Following is a list of the constituents of TTO:

METHOD 624

Acrolein
Acrylonitrile [2-propenenitrile]
Benzene
Bromoform
[tribromomethane]
Carbon tetrachloride
[tetrachloromethane]
Chlorobenzene
Chlorodibromomethane
Chloroethane
2-Chloroethyl vinyl ether
(mixed)
Chloroform
[trichloromethane]
1,2-Dichlorobenzene
1,3-Dichlorobenzene
1,4-Dichlorobenzene
Dichlorobromomethane
1,1-Dichloroethane
1,2-Dichloroethane
1,1-Dichloroethylene
1,2-Dichloropropane
1,3-Dichloropropylene
[1,3-dichloropropene]
1,2-*trans*-Dichloroethylene
[1,2-*trans*-dichloroethene]
Ethylbenzene
Methyl bromide
[bromomethane]
Methyl chloride
[chloromethane]
Methylene chloride
[dichloromethane]
Styrene
1,1,2,2-Tetrachloroethane
Tetrachloroethylene
[perchloroethylene,
tetrachloroethene]
Toluene
1,1,1-Trichloroethane
1,1,2-Trichloroethane
Trichloroethylene
[Trichloroethene]
Vinyl chloride
[Chloroethylene]

METHOD 625

Acenaphthene
Acenaphthylene
Anthracene
1,2-Benzanthracene
[benzo(a)anthracene]
Benzidine
3,4-Benzofluoranthene
[benzo(b)fluoranthene]
11,12-Benzofluoranthene
[benzo(k)fluoranthene]
1,12-Benzoperylene
[benzo(g,h,i)perylene]
3,4-Benzopyrene
[benzo(a)pyrene]
bis(2-Chloroethoxy) methane
bis(2-Chloroethyl) ether
bis(2-Chloroisopropyl) ether
bis(2-Ethylhexyl) phthalate
4-Bromophenyl phenyl ether
Butyl benzyl phthalate
4-Chloro-3-methylphenol
[*para*-chloro-*meta*-cresol]
2-Chloronaphthalene
2-Chlorophenol
4-Chlorophenyl phenyl ether
Chrysene
1,2,5,6-Dibenzanthracene
[dibenzo(a,h)anthracene]
3,3'-Dichlorobenzidine
2,4-Dichlorophenol
Diethyl phthalate
2,4-Dimethylphenol
Dimethyl phthalate
Di-n-butyl phthalate
4,6-Dinitro-*ortho*-cresol [4,6-
dinitro-2-methylphenol]
2,4-Dinitrophenol
2,4-Dinitrotoluene
2,6-Dinitrotoluene
Di-n-octyl phthalate
1,2-Diphenylhydrazine
Fluoranthene
Fluorene
Hexachlorobenzene
Hexachlorobutadiene
Hexachlorocyclopentadiene

Hexachloroethane
Indeno(1,2,3-c,d)pyrene
[2,3-*o*-phenylene pyrene]
Isophorone
Naphthalene
Nitrobenzene
2-Nitrophenol
4-Nitrophenol
N-Nitrosodimethylamine
N-Nitroso-di-n-propylamine
N-Nitrosodiphenylamine
Pentachlorophenol
Phenanthrene
Pyrene
1,2,4-Trichlorobenzene
2,4,6-Trichlorophenol

METHOD 608

Aldrin
Alpha-BHC
Alpha-endosulfan
Beta-BHC
Beta-endosulfan
Chlordane (technical mixture
and metabolites)
4,4'-DDD [p,p'-TDE]
4,4'-DDT [p,p'-DDT]
Delta-BHC
Endosulfan sulfate
Endrin
Endrin aldehyde
Gamma-BHC [lindane]
Heptachlor
Heptachlor epoxide
Toxaphene