

Connecticut General Statutes Sec 19a-29a requires the Commissioner of Public Health to annually publish a list setting forth all analytes and matrices for which certification for testing is required.

Connecticut ELCP
Wastewater Analytes
Revised 05/31/2018

Microbiology

Total Coliforms
Fecal Coliforms/E. coli
Enterococci
Fecal Streptococcus
Legionella

Physicals

Turbidity
pH
Conductivity

Minerals

Alkalinity, as CaCO₃
Bromide
Chloride
Chlorine, total residual
Fluoride
Hardness, Calcium as CaCO₃
Hardness, Total as CaCO₃
Silica
Sulfate

Nutrients

Ammonia-N
Kjeldahl Nitrogen (TKN)
Nitrate
Nitrite

O-Phosphate
Total Phosphorus

Metals

Aluminum
Antimony
Arsenic
Barium
Beryllium
Boron
Cadmium
Calcium
Chromium
Cobalt
Copper
Iron
Lead
Magnesium

VOC's

Benzene
Bromodichloromethane
Bromoform
Bromomethane
Carbon Tetrachloride
Chlorobenzene
Chlorodibromomethane
Chloroethane
2-Chloroethylvinyl ether
Chloroform
Chloromethane
1,2-Dichlorobenzene
1,3-Dichlorobenzene
1,4-Dichlorobenzene
1,1-Dichloroethane
1-2-Dichloroethane

Inorganic Disinfection Byproducts

Bromate
Chlorate
Chlorite

Miscellaneous Inorganics

Chromium, Hexavalent
Cyanide
Perchlorate
Sulfide
Total Dissolved Solids
Total Solids
Total Suspended Solids
Total Volatile Solids

Demands

COD
CBOD
COD
TOC

Metals (continued)

Manganese
Mercury
Molybdenum
Nickel
Potassium
Selenium
Silver
Sodium
Strontium
Thallium
Tin
Titanium
Vanadium
Zinc

VOC's (continued)

1,1-Dichloroethene
cis-1,2-Dichloroethene
trans-1,2-Dichloroethene
1,2-Dichloropropane
cis-1,3-Dichloropropene
trans-1,3-Dichloropropene
Ethylbenzene
Methylene Chloride (Dichloromethane)
1,1,2,2-Tetrachloroethane
Tetrachloroethene
Toluene
1,1,1-Trichloroethane
1,1,2-Trichloroethane
Trichloroethene
Trichlorofluoromethane
Vinyl Chloride
Xylenes

Nitroaromatics/Isophorone

2,4-Dinitrotoluene
2,6-Dinitrotoluene
Isophorone
Nitrobenzene

Haloethers

bis(2-chloroethyl)ether
bis(2-chloroethoxy)ether
bis(2-chloroisopropyl)ether (or 2,2'-oxybis(1-chloropropane))
4-Bromophenyl phenyl ether
4-Chlorophenyl phenyl ether

Polynuclear Aromatics (PAH's)

Acenaphthalene
Acenaphthylene
Anthracene
Benzo(a)anthracene
Benzo(b)fluoranthene
Benzo(k)fluoranthene
Benzo(a)pyrene
Benzo(ghi)perylene
Chrysene
Dibenzo(a,h)anthracene
Fluoranthene
Indeno(1,2,3-cd)pyrene
Naphthalene
Phenanthrene
Pyrene

Phthalates

bis(2-ethylhexyl)phthalate
Butylbenzyl Phthalate
Di-n-butylphthalate
Diethyl phthalate
Dimethyl phthalate
Di-n-octylphthalate

Organochlorine Pesticides

Aldrin
alpha-BHC
beta-BHC
gamma-BHC (Lindane)
delta-BHC
Chlordane (technical)
4,4'-DDD
4,4'-DDE
4,4'-DDT
Dieldrin

Triazine Pesticides

Alachlor
Atrazine
Simazine

Acid Extractables

4-Chloro-3-methylphenol
2-Chlorophenol
2,4-Dichlorophenol
2,4-Dimethylphenol
2,4-Dinitrophenol
2-Methyl-4,6-dinitrophenol
2-Nitrophenol
4-Nitrophenol
Pentachlorophenol
Phenol
2,4,6-Trichlorophenol

Benzidines

Benzidine
3,3'-Dichlorobenzidine

Chlorinated Hydrocarbons

2-Chloronaphthalene
Hexachlorobenzene
Hexachlorobutadiene
Hexachloroethane
Hexachlorocyclopentadiene
1,2,4-Trichlorobenzene

Nitrosoamines

N-Nitroso-dimethylamine
N-Nitroso-diphenylamine
N-Nitrosodi-n-propylamine

Herbicides

2,4-D
2,4,5-TP (Silvex)
2,4,5-T
2,4-DB
Dalapon
Dicamba
Dinoseb
Dichloroprop

Endosulfan I
Endosulfan II
Endosulfan Sulfate
Endrin
Endrin Aldehyde
Heptachlor
Heptachlor Epoxide
Methoxychlor
Toxaphene

Polychlorinated Biphenyls (PCBs)

Arochlor-1016
Arochlor-1221
Arochlor-1232
Arochlor-1242
Arochlor-1248
Arochlor-1254
Arochlor-1260
Arochlor-1262
Arochlor-1268
PCBs in Oil

Miscellaneous Organics

1,4-Dioxane
EPH/VPH
ETPH
Formaldehyde
Oil & Grease (HEM)
Surfactants (MBAS)
TPH (SGT-HEM)
Total Organic Halides
Total Phenolics