

**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. Certification will only be granted in approved methods listed in 40 Cfr part 136 or SW846 Compendium.**

Connecticut ELCP  
**Non-potable Water** Analytes  
Revised **12/6/2022**

**Microbiology**

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

**Physicals**

Turbidity  
pH  
Conductivity

**Minerals**

Alkalinity, as CaCO<sub>3</sub>  
Bromide  
Chloride  
Chlorine, total residual  
Fluoride  
Hardness, Calcium as CaCO<sub>3</sub>  
Hardness, Total as CaCO<sub>3</sub>  
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

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**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