

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
Solid Waste/Soil Analytes
Revised 12/6/2022**

MISCELLANEOUS

Chromium, Hexavalent
Corrosivity(soil pH)
Cyanide
ETPH

Kjeldahl Nitrogen (TKN)
Sulfate
Total Phosphorus
TOC
EPH/VPH

Metals

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

Metals (continued)

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

VOC's

Acetone
Benzene Bromodichloromethane
Bromoform
Bromomethane
2-Butanone
Carbon Disulfide
Carbon Tetrachloride
Chlorobenzene
Chlorodibromomethane
Chloroethane
Chloroform
Chloromethane
1,2-Dichlorobenzene
1,3-Dichlorobenzene
1,4-Dichlorobenzene
1,1-Dichloroethane
1,2-Dichloroethane
1,1-Dichloroethene

VOC's (continued)

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

SEMIVOLATILE ORGANICS

Nitroaromatics/Isophorone

4-Chloroaniline
2,4-Dinitrotoluene
2,6-Dinitrotoluene
Isophorone
2-Nitroaniline
3-Nitroaniline
4-Nitroaniline
Nitrobenzene
Pyridine
Carbazole

Haloethers

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

Miscellaneous B/N's

3,3-Dichlorobenzidine
3,3-Dimethylbenzidine
Benzidine

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Waste/Soil Analytes
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SEMIVOLATILE ORGANICS (con't)

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
2-Methylnaphthalene
Naphthalene
Phenanthrene
Pyrene
Dibenzofuran

Phthalates

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

Acid Extractables

4-Chloro-3-methylphenol
2-Chlorophenol
2,4-Dichlorophenol
2,6-Dichlorophenol
2,4-Dimethylphenol
2,4-Dinitrophenol
2-Methyl-4,6-dinitrophenol
2-Methylphenol
3&4-Methylphenol
2-Nitrophenol
4-Nitrophenol Pentachlorophenol
Phenol
2,4,5-Trichlorophenol
2,4,6-Trichlorophenol

Chlorinated Hydrocarbons

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

Organochlorine Pesticides

Aldrin
alpha-BHC
beta-BHC
gamma-BHC (Lindane)
delta-BHC
alpha-Chlordane*
gamma-Chlordane*
Chlordane, technical*
4,4'-DDD
4,4'-DDE
4,4'-DDT
Dieldrin
Endosulfan I
Endosulfan II
Endosulfan Sulfate
Endrin
Endrin Aldehyde
Endrin Ketone
Heptachlor
Heptachlor Epoxide
Methoxychlor
Toxaphene

Polychlorinated Biphenyl's (PCB's)

Arochlor-1016
Arochlor-1221
Arochlor-1232
Arochlor-1242
Arochlor-1248
Arochlor-1254
Arochlor-1260
Arochlor-1262
Arochlor-1268

PCBs in Oil

*Labs may analyze either the alpha/gamma isomers or technical chlordane.