

**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 05/31/2018**

**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

**Connecticut ELCP Solid  
Waste/Soil Analytes  
Revised 05/31/2018**

**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.