



STATE OF CONNECTICUT DEPARTMENT OF PUBLIC HEALTH
Environmental Lab Certification Program

Solid Waste

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.

DIOXINS AND FURANS

- 2,3,7,8-TCDD (Dioxin) EPA 1613
- 2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD) EPA 1613B
- Polychlorinated Dibenzofuran Isomers EPA 1613
- Polychlorinated Dibenzofuran Isomers EPA 1613B
- Polychlorinated Dibenzofuran Isomers SW-846 8280B
- Polychlorinated Dibenzofuran Isomers SW-846 8290A
- Polychlorinated Dioxin Isomers EPA 1613
- Polychlorinated Dioxin Isomers EPA 1613B
- Polychlorinated Dioxin Isomers SW-846 8280B
- Polychlorinated Dioxin Isomers SW-846 8290A

HERBICIDES

- 2,4-D SW-846 8151A
- 2,4-D SW-846 8321B
- 2,4-DB SW-846 8151A
- 2,4-DB SW-846 8321B
- 2,4,5-TP SW-846 8151A
- 2,4,5-TP SW-846 8321B
- 2,4,5-T SW-846 8151A
- 2,4,5-T SW-846 8321B
- Dacthal (DCPA) SW-846 8151A
- Dalapon SW-846 8151A
- Dalapon SW-846 8321B
- Dicamba SW-846 8151A
- Dicamba SW-846 8321B
- Dichlorprop SW-846 8151A
- Dichlorprop SW-846 8321B
- Dinoseb SW-846 8151A
- Dinoseb SW-846 8321B
- MCPA SW-846 8151A
- MCPA SW-846 8321B
- MCPP SW-846 8151A
- MCPP SW-846 8321B
- 4-Nitrophenol SW-846 8151A
- Pentachlorophenol SW-846 8151A
- Picloram SW-846 8151A

INORGANIC MINERALS PARAMETERS

Chloride SW-846 9056A
Fluoride SW-846 9056A
Silica as SiO₂ SW-846 6010D
Sulfate SW-846 9056A
Sulfide SW-846 9034

INORGANIC MISCELLANEOUS PARAMETERS

Cyanide, Amenable SW-846 9012B
Cyanide, Total SW-846 9012B
Cyanide, Total SW-846 9014
Flashpoint SW-846 1010B
Formaldehyde SW-846 8315A
Hexavalent Chromium SW-846 7196A
Ignitability SW-846 1030
Reactive Cyanide & Sulfide
Synthetic Precipitation Leaching Procedure (SPLP) SW-846 1312
Toxicity Characteristic Leaching Procedure (TCLP) SW-846 1311
Total Organic Carbon Lloyd Kahn

INORGANIC NUTRIENT PARAMETERS

Ammonia as N SM 4500-NH₃ C
Ammonia as N SM 4500-NH₃ F
Kjeldahl Nitrogen, Total SM 4500-Norg B
Kjeldahl Nitrogen, Total SM 4500-Norg C
Nitrate SW-846 9056A
Nitrite SW-846 9056A
Orthophosphate as P SW-846 9056A
Phosphorus, Total EPA 365.1
Phosphorus, Total EPA 365.4
Phosphorus, Total SM 4500-P E
Phosphorus, Total SW-846 6010D

INORGANIC PHYSICAL PARAMETERS

pH SW-846 9045D

METALS

| | | |
|------------------------|-------------------------|------------------------|
| Aluminum SW-846 6010D | Iron SW-846 6010D | Sodium SW-846 7000B |
| Aluminum SW-846 6020B | Iron SW-846 6020B | Strontium SW-846 6010D |
| Aluminum SW-846 7000B | Iron SW-846 7000B | Strontium SW-846 7000B |
| Antimony SW-846 6010D | Lead SW-846 6010D | Thallium SW-846 6010D |
| Antimony SW-846 6020B | Lead SW-846 6020B | Thallium SW-846 6020B |
| Antimony SW-846 7000B | Lead SW-846 7000B | Thallium SW-846 7000B |
| Arsenic SW-846 6010D | Magnesium SW-846 6010D | Tin SW-846 6010D |
| Arsenic SW-846 6020B | Magnesium SW-846 6020B | Titanium SW-846 6010D |
| Arsenic SW-846 7010 | Magnesium SW-846 7000B | Vanadium SW-846 6010D |
| Barium SW-846 6010D | Manganese SW-846 6010D | Vanadium SW-846 6020B |
| Barium SW-846 6020B | Manganese SW-846 6020B | Vanadium SW-846 7000B |
| Barium SW-846 7000B | Manganese SW-846 7000B | Zinc SW-846 6010D |
| Beryllium SW-846 6010D | Mercury SW-846 6020B | Zinc SW-846 6020B |
| Beryllium SW-846 6020B | Mercury SW-846 7471B | Zinc SW-846 7000B |
| Beryllium SW-846 7000B | Mercury SW-846 7473 | |
| Boron SW-846 6010D | Molybdenum SW-846 6010D | |
| Cadmium SW-846 6010D | Molybdenum SW-846 7000B | |
| Cadmium SW-846 6020B | Nickel SW-846 6010D | |
| Cadmium SW-846 7000B | Nickel SW-846 6020B | |
| Calcium SW-846 6010D | Nickel SW-846 7000B | |
| Calcium SW-846 6020B | Potassium SW-846 6010D | |
| Calcium SW-846 7000B | Potassium SW-846 6020B | |
| Chromium SW-846 6010D | Potassium SW-846 7000B | |
| Chromium SW-846 6020B | Selenium SW-846 6010D | |
| Chromium SW-846 7000B | Selenium SW-846 6020B | |
| Cobalt SW-846 6010D | Selenium SW-846 7010 | |
| Cobalt SW-846 6020B | Silver SW-846 6010D | |
| Cobalt SW-846 7000B | Silver SW-846 6020B | |
| Copper SW-846 6010D | Silver SW-846 7000B | |
| Copper SW-846 6020B | Sodium SW-846 6010D | |
| Copper SW-846 7000B | Sodium SW-846 6020B | |

PESTICIDES

4,4-DDD' SW-846 8081B
4,4'-DDE SW-846 8081B
4,4'-DDT SW-846 8081B
Aldrin SW-846 8081B
alpha-BHC SW-846 8081B
alpha-Chlordane SW-846 8081B
beta-BHC SW-846 8081B
Chlordane, Technical SW-846 8081B
delta-BHC SW-846 8081B
Dieldrin SW-846 8081B
Endosulfan I SW-846 8081B
Endosulfan II SW-846 8081B
Endosulfan Sulfate SW-846 8081B
Endrin Aldehyde SW-846 8081B
Endrin SW-846 8081B
gamma-BHC (Lindane) SW-846 8081B
gamma-Chlordane SW-846 8081B
Heptachlor Epoxide SW-846 8081B
Heptachlor SW-846 8081B
Isodrin SW-846 8081B
Methoxychlor SW-846 8081B
Mirex SW-846 8081B
Toxaphene SW-846 8081B

POLYCHLORINATED BIPHENYLS

PCB-1016 SW-846 8082A
PCB-1016 in Oil SW-846 8082A
PCB-1016 in Oil EPA 600/4-81-045
PCB-1221 SW-846 8082A
PCB-1221 in Oil SW-846 8082A
PCB-1221 in Oil EPA 600/4-81-045
PCB-1232 SW-846 8082A
PCB-1232 in Oil SW-846 8082A
PCB-1232 in Oil EPA 600/4-81-045
PCB-1242 SW-846 8082A
PCB-1242 in Oil SW-846 8082A
PCB-1242 in Oil EPA 600/4-81-045
PCB-1248 SW-846 8082A
PCB-1248 in Oil SW-846 8082A
PCB-1248 in Oil EPA 600/4-81-045
PCB-1254 SW-846 8082A
PCB-1254 in Oil SW-846 8082A
PCB-1254 in Oil EPA 600/4-81-045
PCB-1260 SW-846 8082A
PCB-1260 in Oil SW-846 8082A
PCB-1260 in Oil EPA 600/4-81-045

RADIOCHEMICALS

Gross beta SW-846 9310
Gross-alpha SW-846 9310
Radium 226 SW-846 9315
Radium 228 SW-846 9320

SEMIVOLATILES

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| 1,2,4-Trichlorobenzene SW-846 8270E | Benzo(ghi)perylene SW-846 8270E SIM |
| 1-Chloronaphthalene SW-846 8270E | Benzo(k)fluoranthene SW-846 8270E |
| 1,4-Dioxane SW-846 8270E | Benzo(k)fluoranthene SW-846 8270E SIM |
| 2,4,5-Trichlorophenol SW-846 8270E | Benzyl butyl phthalate SW-846 8270E |
| 2,4,6-Trichlorophenol SW-846 8270E | bis(2-Chloroethoxy)methane SW-846 8270E |
| 2,4-Dichlorophenol SW-846 8270E | bis(2-Chloroisopropyl) ether (2,2'-Oxybis[1-chloropropane]) SW-846 8270E |
| 2,4-Dimethylphenol SW-846 8270E | bis(2-chloroethyl) ether SW-846 8270E |
| 2,4-Dinitrophenol SW-846 8270E | bis(2-Ethylhexyl)phthalate SW-846 8270E |
| 2,4-Dinitrotoluene SW-846 8270E | Carbazole SW-846 8270E |
| 2,4-Dinitrotoluene SW-846 8330A | Chrysene SW-846 8270E |
| 2,6-Dichlorophenol SW-846 8270E | Chrysene SW-846 8270E SIM |
| 2,6-Dinitrotoluene SW-846 8270E | Dibenz(a,h)anthracene SW-846 8270E |
| 2,6-Dinitrotoluene SW-846 8330A | Dibenz(a,h)anthracene SW-846 8270E SIM |
| 2-Chloronaphthalene SW-846 8270E | Dibenzofuran SW-846 8270E |
| 2-Chlorophenol SW-846 8270E | Dibenzofuran SW-846 8270E SIM |
| 2-Methyl-4,6-dinitrophenol SW-846 8270E | Diethyl phthalate SW-846 8270E |
| 2-Methylnaphthalene SW-846 8270E | Dimethyl phthalate SW-846 8270E |
| 2-Methylnaphthalene SW-846 8270E SIM | Di-n-butyl phthalate SW-846 8270E |
| 2-Methylphenol SW-846 8270E | Di-n-octyl phthalate SW-846 8270E |
| 2-Nitroaniline SW-846 8270E | Dinoseb SW-846 8270E |
| 2-Nitrophenol SW-846 8270E | Fluoranthene SW-846 8270E |
| 3,3'-Dichlorobenzidine SW-846 8270E | Fluoranthene SW-846 8270E SIM |
| 3+4-Methylphenol SW-846 8270E | Fluorene SW-846 8270E |
| 3-Nitroaniline SW-846 8270E | Hexachlorobenzene SW-846 8270E |
| 4-Bromophenyl phenyl ether SW-846 8270E | Hexachlorobutadiene SW-846 8270E |
| 4-Chloro-3-methylphenol SW-846 8270E | Hexachlorocyclopentadiene SW-846 8270E |
| 4-Chloroaniline SW-846 8270E | Hexachloroethane SW-846 8270E |
| 4-Chlorophenyl phenyl ether SW-846 8270E | Indeno(1,2,3-cd)pyrene SW-846 8270E |
| 4-Nitroaniline SW-846 8270E | Indeno(1,2,3-cd)pyrene SW-846 8270E SIM |
| 4-Nitrophenol SW-846 8270E | Isophorone SW-846 8270E |
| Acenaphthene SW-846 8270E | Naphthalene SW-846 8270E |
| Acenaphthene SW-846 8270E SIM | Naphthalene SW-846 8270E SIM |
| Acenaphthylene SW-846 8270E | Nitrobenzene SW-846 8270E |
| Acenaphthylene SW-846 8270E SIM | Nitrobenzene SW-846 8330A |
| Alachlor SW-846 8270E | N-nitrosodimethylamine SW-846 8270E |
| Anthracene SW-846 8270E | N-Nitrosodi-n-propylamine SW-846 8270E |
| Anthracene SW-846 8270E SIM | N-nitrosodiphenylamine SW-846 8270E |
| Atrazine SW-846 8270E | Pentachlorophenol SW-846 8270E |
| Benzidine SW-846 8270E | Phenanthrene SW-846 8270E |

SEMIVOLATILES (Con't)

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|---------------------------------------|-------------------------------|
| Benzo(a)anthracene SW-846 8270E | Phenanthrene SW-846 8270E SIM |
| Benzo(a)anthracene SW-846 8270E SIM | Phenol SW-846 8270E |
| Benzo(a)pyrene SW-846 8270E | Pyrene SW-846 8270E |
| Benzo(a)pyrene SW-846 8270E SIM | Pyrene SW-846 8270E SIM |
| Benzo(b)fluoranthene SW-846 8270E | Pyridine SW-846 8270E |
| Benzo(b)fluoranthene SW-846 8270E SIM | |
| Benzo(ghi)perylene SW-846 8270E | |

SOLVENTS

CT Extractable Petroleum Hydrocarbons (ETPH)
MA Volatile Petroleum Hydrocarbons (VPH)
MA Extractable Petroleum Hydrocarbons (EPH)
Diesel Range Organics (DRO) SW-846 8015C
Extractable Organic Halides SW-846 9023
Gasoline Range Organics (GRO) SW-846 8015C
Gross Hydrocarbon Screening SW-846 9074
Oil and Grease SW-846 9071B
Total Organic Halides (TOX) SW-846 9076

VOLATILE ORGANICS

1,1,1,2-Tetrachloroethane SW-846 8260D
1,1,1-Trichloroethane SW-846 8260D
1,1,2,2-Tetrachloroethane SW-846 8260D
1,1,2-Trichloroethane SW-846 8260D
1,1-Dichloroethane SW-846 8260D
1,1-Dichloroethene SW-846 8260D
1,2,4-Trimethylbenzene SW-846 8260D
1,2-Dibromo-3-chloropropane SW-846 8260D
1,2-Dibromoethane (EDB) SW-846 8260D
1,2-Dichlorobenzene SW-846 8260D
1,2-Dichloroethane SW-846 8260D
1,2-Dichloropropane SW-846 8260D
1,3,5-Trimethylbenzene SW-846 8260D
1,3-Dichlorobenzene SW-846 8260D
1,4 Dioxane SW-846 8260D
1,4-Dichlorobenzene SW-846 8260D
2-Butanone SW-846 8260D
2-Chloroethylvinyl Ether SW-846 8260D
2-Chlorotoluene SW-846 8260D
2-Hexanone SW-846 8260D
4-Chlorotoluene SW-846 8260D
4-Methyl-2-pentanone (MIBK) SW-846 8260D
Acetone SW-846 8260D
Acrolein SW-846 8260D

Acrylonitrile SW-846 8260D
Benzene SW-846 8260D
Bromodichloromethane SW-846 8260D
Bromoform SW-846 8260D
Bromomethane SW-846 8260D
Carbon Disulfide SW-846 8260D
Carbon Tetrachloride SW-846 8260D

Chlorobenzene SW-846 8260D
Chloroethane SW-846 8260D
Chloroform SW-846 8260D
Chloromethane SW-846 8260D
cis-1,2-Dichloroethene SW-846 8260D
cis-1,3-Dichloropropene SW-846 8260D
Dibromochloromethane SW-846 8260D
Ethyl Benzene SW-846 8260D
Isopropylbenzene SW-846 8260D
Methylene Chloride SW-846 8260D
Methyl-tert-butylether (MTBE) SW-846 8260D
n-Butylbenzene SW-846 8260D
n-Propylbenzene SW-846 8260D
p-Isopropyltoluene SW-846 8260D
sec-Butylbenzene SW-846 8260D
Styrene SW-846 8260D
tert-Butylbenzene SW-846 8260D
Tetrachloroethene SW-846 8260D
Toluene SW-846 8260D
trans-1,2-Dichloroethene SW-846 8260D
trans-1,3-Dichloropropene SW-846 8260D
Trichloroethene SW-846 8260D
Trichlorofluoromethene SW-846 8260D
Trichlorotrifluoroethane (Freon113) SW-846
8260D
Vinyl Chloride SW-846 8260D
Xylenes, Total SW-846 8260D

ENVIRONMENTAL HEALTH & HOUSING

Lead in Dust Wipes SW-846 6010C

Lead in Dust Wipes SW-846 6010D

Lead in Dust Wipes SW-846 7000B

Lead in Paint SW-846 6010C

Lead in Paint SW-846 6010D

Lead in Paint SW-846 7000B

Lead (Paint) in Soil SW-846 6010C

Lead (Paint) in Soil SW-846 6010D

Lead (Paint) in Soil SW-846 7000B