

Vermont Drinking Water Certification
Analytical Methods
 Issued December 2, 2017 as provided for in 18 VSA 501b
 Expiration Date December 2, 2018
 This listing is not valid without accompanying Vermont Certificate
Absolute Resource Associates, LLC
Portsmouth, NH

DRINKING WATER METALS

Aluminum: EPA 200.8
 Antimony: EPA 200.8
 Arsenic: EPA 200.8
 Barium: EPA 200.8
 Beryllium: EPA 200.8
 Boron: EPA 200.8
 Cadmium: EPA 200.8
 Calcium: EPA 200.8
 Chromium: EPA 200.8
 Copper: EPA 200.8
 Iron: EPA 200.8
 Lead: EPA 200.8
 Magnesium: EPA 200.8
 Manganese: EPA 200.8
 Mercury: EPA 245.1
 Molybdenum: EPA 200.8
 Nickel: EPA 200.8
 Selenium: EPA 200.8
 Silver: EPA 200.8
 Sodium: EPA 200.8
 Thallium: EPA 200.8
 Vanadium: EPA 200.8
 Zinc: EPA 200.8

DRINKING WATER INORGANIC CONTAMINANTS

Alkalinity: SM 2320 B
 Chloride: EPA 300.0

DRINKING WATER INORGANIC CONTAMINANTS (cont.)

Conductivity (specific conductance):
 SM 2510 B
 Cyanide, Free:
 SM 4500-CN F
 Fluoride:
 EPA 300.0
 Hardness :
 SM 2340 B
 Nitrate-N:
 EPA 300.0
 Nitrate-Nitrite, Total:
 EPA 300.0
 Nitrite-N:
 EPA 300.0 EPA 4500-NO₂ B
 Orthophosphate:
 EPA 300.0 EPA 365.3
 pH:
 SM 4500H⁺ B
 Residue, Total Filterable (TDS):
 SM 2540 C
 Sulfate:
 EPA 300.0
 Sulfide:
 SM 4500-S2 D SM 4500-S2 F
 Total Organic Carbon (TOC):
 SM 5310 C
 Turbidity:
 SM 2130 B

INDIVIDUAL DRINKING WATER ORGANIC CONTAMINANTS

DBCP: EPA 524.2
 EDB: EPA 504.1 EPA 524.2

DRINKING WATER TRIHALOMETHANES

Bromodichloromethane:
 EPA 524.2
 Bromoform:
 EPA 524.2
 Chlorodibromomethane:
 EPA 524.2
 Chloroform:
 EPA 524.2
 Total Trihalomethanes:
 EPA 524.2

DRINKING WATER VOLATILE ORGANICS

Benzene: EPA 524.2
 Bromobenzene: EPA 524.2
 Bromochloromethane: EPA 524.2
 Bromodichloromethane: EPA 524.2
 Bromoform: EPA 524.2
 Bromomethane: EPA 524.2
 n-Butylbenzene: EPA 524.2
 sec-Butylbenzene: EPA 524.2
 tert-Butylbenzene: EPA 524.2
 Carbon Tetrachloride: EPA 524.2
 Chlorobenzene: EPA 524.2
 Chloroethane: EPA 524.2
 Chloroform: EPA 524.2
 Chloromethane: EPA 524.2
 2-Chlorotoluene: EPA 524.2
 4-Chlorotoluene: EPA 524.2
 Dibromochloromethane: EPA 524.2
 Dibromomethane: EPA 524.2
 1,2-Dichlorobenzene: EPA 524.2
 1,3-Dichlorobenzene: EPA 524.2
 1,4-Dichlorobenzene: EPA 524.2
 Dichlorodifluoromethane: EPA 524.2
 1,1-Dichloroethane: EPA 524.2
 1,2-Dichloroethane: EPA 524.2
 c-1,2-Dichloroethene: EPA 524.2
 t 1,2-Dichloroethylene: EPA 524.2
 1,1-Dichloroethylene: EPA 524.2
 Dichloromethane: EPA 524.2
 1,2-Dichloropropane: EPA 524.2

DRINKING WATER VOLATILE ORGANICS (cont.)

1,3-Dichloropropane: EPA 524.2
 2,2-Dichloropropane: EPA 524.2
 1,1-Dichloropropene: EPA 524.2
 c 1,3-Dichloropropene: EPA 524.2
 t 1,3-Dichloropropene: EPA 524.2
 Ethylbenzene: EPA 524.2
 Hexachlorobutadiene: EPA 524.2
 Isopropylbenzene: EPA 524.2
 4-Isopropyltoluene: EPA 524.2
 Methyl t-Butyl Ether (MTBE): EPA 524.2
 Naphthalene: EPA 524.2
 n-Propylbenzene: EPA 524.2
 Styrene: EPA 524.2
 1,1,1,2-Tetrachloroethane: EPA 524.2
 1,1,2,2-Tetrachloroethane: EPA 524.2
 Tetrachloroethylene: EPA 524.2
 Toluene: EPA 524.2
 1,2,3-Trichlorobenzene: EPA 524.2
 1,2,4-Trichlorobenzene: EPA 524.2
 1,1,1-Trichloroethane: EPA 524.2
 1,1,2-Trichloroethane: EPA 524.2
 Trichloroethylene: EPA 524.2
 Trichlorofluoromethane: EPA 524.2
 1,2,3-Trichloropropane: EPA 524.2
 1,2,4-Trimethylbenzene: EPA 524.2
 1,3,5-Trimethylbenzene: EPA 524.2
 Total Xylenes: EPA 524.2
 Vinyl Chloride: EPA 524.2

By:



William G. Mills

Certification Officer

Date signed and effective December 2, 2017

As of December 2, 2017 this list supersedes all previous lists for this certificate number.

Vermont Certification is based in part upon current New Hampshire Accreditation Certificate of Approval number 173217-B, April 3, 2017 – January 25, 2018. Laboratories are certified in Vermont based, in part, upon its Primary Accrediting Authority(ies) drinking water accreditation. Also, loss of drinking water primary accreditation (in part or whole) constitutes loss of certification in Vermont for the same drinking water tests.