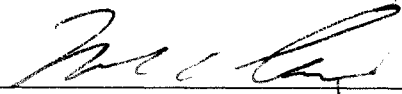




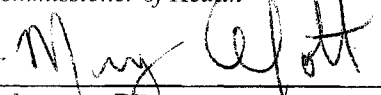
*State of Vermont Department of Health
Drinking Water Laboratory Certification*

*Eastern Analytical, Inc.
Concord, New Hampshire*

Is certified to perform microbiological, inorganic and organic analyses on drinking water pursuant to the certification letter dated November 16, 2018.



Commissioner of Health



Laboratory Director



Laboratory Certification Officer

November 16, 2018
Date certified

VT - 101204
Laboratory Number

November 16, 2019
Certificate expiration date

Vermont Drinking Water Certification
Analytical Methods
Issued November 16, 2018 as provided for in 18 VSA 501b
Expiration Date November 16, 2019
This listing is not valid without accompanying Vermont Certificate
Eastern Analytical, Inc.
Concord, NH

DRINKING WATER MICRO

E. coli:
Colisure
Heterotrophic Plate Count:
SM 9215B
Total Coliform & E. coli:
Colilert, SM 9223 B Quanti-Tray Colisure

DRINKING WATER METALS

Aluminum: EPA 200.7 EPA 200.8
Antimony: EPA 200.8
Arsenic: EPA 200.7 EPA 200.8
Barium: EPA 200.7 EPA 200.8
Beryllium: EPA 200.7 EPA 200.8
Boron: EPA 200.7
Cadmium: EPA 200.7 EPA 200.8
Calcium: EPA 200.7 EPA 200.8
Chromium: EPA 200.7 EPA 200.8
Copper: EPA 200.7 EPA 200.8
Iron: EPA 200.7 EPA 200.8
Lead: EPA 200.8
Magnesium: EPA 200.7 EPA 200.8
Manganese: EPA 200.7 EPA 200.8
Mercury: EPA 200.8
Molybdenum: EPA 200.7 EPA 200.8
Nickel: EPA 200.7 EPA 200.8
Selenium: EPA 200.8
Silver: EPA 200.7 EPA 200.8
Sodium: EPA 200.7 EPA 200.8
Thallium: EPA 200.8

DRINKING WATER METALS (cont.)

Uranium: EPA 200.8
Vanadium: EPA 200.7 EPA 200.8
Zinc: EPA 200.7 EPA 200.8

DRINKING WATER INORGANIC CONTAMINANTS

Alkalinity: EPA 310.1 SM 2320 B
Chloride EPA 300.0 EPA 325.2 SM 4500Cl- E
Chlorine, Free: SM 4500Cl G
Color: EPA 110.2 SM 2120 B
Conductivity (Specific Conductance):
EPA 120.1 SM 2510 B
Cyanide, Total:
SM 4500-CN E
DOC: SM 5310 C
Fluoride: EPA 300.0
Hardness: EPA 200.8 SM 2340 B
Hardness (Calc.): EPA 200.7 EPA 200.8
Nitrate-N: EPA 300.0 EPA 353.2
Nitrate (Calc.): EPA 353.2
Nitrate-Nitrite, Total: EPA 300.0 EPA 353.2
Nitrite-N: EPA 300.0 EPA 353.2
Odor: SM 2150 B
Orthophosphate: EPA 365.1
pH: EPA 150.1 SM 4500 H+B
Residue, Total Filterable (TDS):
EPA 160.1 SM 2540
Sulfate: EPA 300.0
TOC: SM 5310 C
Turbidity: EPA 180.1 SM 2130 B
UV 254: SM 5910 B

DRINKING WATER ACIDS, BASE/NEUTRALS

Di(2-ethylexyl)adipate:
EPA 525.2
Di(2-ethylhexyl)phthalate:
EPA 525.2

DRINKING WATER CARBAMATES

Aldicarb:
EPA 531.2
Aldicarb Sulfone:
EPA 531.2
Aldicarb Sulfoxide:
EPA 531.2
Carbaryl:
EPA 531.2
Carbofuran:
EPA 531.2
3-Hydroxycarbofuran:
EPA 531.2
Methiocarb:
EPA 531.2
Methomyl:
EPA 531.2
Propoxur(Baygon):
EPA 531.2
Vydate (Oxamyl):
EPA 531.2

DRINKING WATER HERBICIDES

Acifluorfen:
EPA 515.4
2,4-D:
EPA 515.4
2,4,5-TP (Silvex):
EPA 515.4
Dinoseb:
EPA 515.4
Pentachlorophenol:
EPA 515.4
Picloram:
EPA 515.4

DRINKING WATER INSECTICIDES (PESTICIDES)

Alachlor:
EPA 525.2
Aldrin:
EPA 525.2
Atrazine:
EPA 525.2
Chlordane:
EPA 505
4,4'-DDD:
EPA 525.2
4,4'-DDE:
EPA 525.2
4,4'-DDT:
EPA 525.2
Dieldrin:
EPA 525.2
Endrin:
EPA 525.2
Heptachlor:
EPA 525.2

DRINKING WATER INSECTICIDES (PESTICIDES) (cont.)

Heptachlor Epoxide:
EPA 525.2
Hexachlorobenzene:
EPA 525.2
Hexachlorocyclopentadiene:
EPA 525.2
Lindane:
EPA 525.2
Methoxychlor:
EPA 525.2
Metolachlor:
EPA 525.2
Propachlor:
EPA 525.2
Simazine
EPA 525.2
Toxaphene:
EPA 505

INDIVIDUAL DRINKING WATER ORGANIC CONTAMINANTS

DBCP:
EPA 504.1
EDB:
EPA 504.1
1,2,3 Trichloropropane:
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

DRINKING WATER VOLATILE ORGANICS (cont.)


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
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

DRINKING WATER VOLATILE ORGANICS (cont.)

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

DRINKING WATER ORGANIC DISINFECTION BY-PRODUCTS/HALOACETIC ACIDS

Bromoacetic Acid:
EPA 552.3
Chloroacetic Acid:
EPA 552.3
Dibromoacetic Acid:
EPA 552.3
Dichloroacetic Acid:
EPA 552.3
Trichloroacetic Acid:
EPA 552.3
Total Haloacetic Acids:
EPA 552.3

By: 
William G. Mills
Certification Officer
Date signed and effective November 16, 2018 *11/20/18*

As of November 16, 2018, 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 101218, January 21, 2018 – January 20, 2019. Laboratories are certified in Vermont based, in part, upon its Primary Accrediting Body(ies) drinking water accreditation(s). Also, loss of drinking water primary accreditation (in part or whole) constitutes loss of certification in Vermont for the same drinking water tests.