



**VERMONT**

**DEPARTMENT OF HEALTH**

*State of Vermont Department of Health  
Drinking Water Laboratory Certification  
National Testing Laboratories, Ltd  
Ypsilanti, Michigan*

*Is certified to perform microbiological, inorganic and organic analyses on drinking water pursuant to the certification letter dated November 30, 2019.*

November 30, 2019  
*Date certified*

VT - 40014  
*Laboratory Number*

November 30, 2020  
*Certificate expiration date*

  
*Commissioner of Health*

  
*Laboratory Certification Officer*

Vermont Drinking Water Certification  
 Analytical Methods  
 Issued November 30, 2019 as provided for in 18 VSA 501b  
 Expiration Date November 30, 2020  
 This listing is not valid without accompanying Vermont Certificate  
**National Testing Laboratories, Ltd.**  
**Ypsilanti, MI**

**DRINKING WATER MICRO**

Total Coliform and E. coli (SM 9223 B):  
 Colilert, P/A                      Colilert-18, P/A  
 Colilert, quantitray              Colilert-18, quantitray

Heterotrophic Plate Count:  
 SM 9215B

**DRINKING WATER METALS**

Aluminum:                      EPA 200.7

Antimony:                      EPA 200.8

Arsenic:                      EPA 200.8                      SM 3113 B

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

Chromium, total:                      EPA 200.7                      EPA 200.8

Copper:                      EPA 200.7                      EPA 200.8

Iron:                      EPA 200.7

Lead:                      EPA 200.8                      SM 3113 B

Magnesium:                      EPA 200.7

Manganese:                      EPA 200.7                      EPA 200.8

Mercury:                      EPA 200.8

Nickel:                      EPA 200.7                      EPA 200.8

Selenium:                      EPA 200.8                      SM 3113 B

Silver:                      EPA 200.7                      EPA 200.8

Sodium:                      EPA 200.7

Strontium:                      EPA 200.7

**DRINKING WATER METALS (cont.)**

Thallium:                      EPA 200.8

Uranium:                      EPA 200.8

Vanadium:                      EPA 200.7                      EPA 200.8

Zinc:                      EPA 200.7                      EPA 200.8

**DRINKING WATER INORGANIC ANALYTES**

Alkalinity:                      SM 2320 B

Bromate:                      EPA 300.1                      EPA 326.0

Bromide:                      EPA 300.0                      EPA 300.1

Chlorate:                      EPA 300.1

Chlorite:                      EPA 300.1

Chloride:                      EPA 300.0

Chlorine, Free:                      SM 4500-Cl G

Chlorine, Total:                      SM 4500-Cl G

Chlorine Dioxide:                      SM4500-CLO2 D

Color:                      SM 2120 B

Conductivity (Specific Conductance):  
 SM 2510 B

Fluoride:                      EPA 300.0

Hardness                      SM 2340 B                      SM 2340 C

Nitrate-N:                      EPA 300.0

Nitrate-Nitrite, Total:                      EPA 300.0

Nitrite-N:                      EPA 300.0

Odor:                      SM 2150 B

Orthophosphate:                      EPA 300.0

pH:                      EPA 150.1

Residue, Total Filterable (TDS):  
 SM 2540 C

Sulfate:                      EPA 300.0

**DRINKING WATER INORGANIC ANALYTES (cont.)**

Surfactants: SM 5540 C  
 TOC: SM 5310 C  
 Turbidity: SM 2130 B  
 Silica: EPA 200.7

**DRINKING WATER ACIDS, BASE/NEUTRALS**

Benzo(a)pyrene: EPA 525.2  
 Di(2-ethylhexyl)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  
 Methomyl: EPA 531.2  
 Vydate (Oxamyl): EPA 531.2

**INDIVIDUAL DRINKING WATER ORGANIC CONTAMINANTS**

DBCP: EPA 504.1  
 EDB: EPA 504.1  
 Diquat: EPA 549.2  
 Endothall: EPA 548.1  
 PCBs as Arolors: EPA 505  
 Glyphosate: EPA 547

**DRINKING WATER HERBICIDES**

Bentazon: EPA 515.4  
 2,4-D: EPA 515.4  
 Dalapon: EPA 515.4 EPA 552.2  
 Dicamba: EPA 515.4  
 Dinoseb: EPA 515.4

**DRINKING WATER HERBICIDES (cont.)**

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

**DRINKING WATER ORGANIC DISINFECTION BY-PRODUCTS/HALOACETIC ACIDS**

Bromoacetic Acid: EPA 552.2  
 Chloroacetic Acid: EPA 552.2  
 Dibromoacetic Acid: EPA 552.2  
 Dichloroacetic Acid: EPA 552.2  
 Trichloroacetic Acid: EPA 552.2  
 Total Haloacetic Acids: EPA 552.2

**DRINKING WATER INSECTICIDES (PESTICIDES)**

Alachlor: EPA 525.2  
 Aldrin: EPA 505 EPA 525.2  
 Atrazine: EPA 525.2  
 Butachlor: EPA 525.2  
 Chlordane: EPA 505  
 Dieldrin: EPA 505 EPA 525.2  
 Endrin: EPA 505 EPA 525.2  
 Heptachlor: EPA 505 EPA 525.2  
 Heptachlor Epoxide: EPA 505 EPA 525.2  
 Hexachlorobenzene: EPA 505 EPA 525.2  
 Hexachlorocyclopentadiene: EPA 505 EPA 525.2  
 Lindane: EPA 505 EPA 525.2  
 Methoxychlor: EPA 505 EPA 525.2  
 Metolachlor: EPA 525.2  
 Metribuzin: EPA 525.2  
 Molinate: EPA 525.2  
 Propachlor: EPA 525.2  
 Simazine: EPA 525.2  
 Toxaphene: EPA 505

**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  
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  
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

**DRINKING WATER VOLATILE ORGANICS (cont.)**

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  
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  
1,2,4-Trimethylbenzene:  
EPA 524.2  
1,3,5-Trimethylbenzene:  
EPA 524.2  
Total Xylenes:  
EPA 524.2  
Vinyl Chloride:  
EPA 524.2

By:



Ali Boren

Certification Officer

Date signed and effective November 30, 2019

As of November 30, 2019, this list supersedes all previous lists for this certificate number Vermont Certification is based in part upon current Louisiana Accreditation Certificate of Approval number LA20 [January 1, 2019–December 31, 2019] and Pennsylvania Accreditation Certificate of Approval number 016 [April 29, 2019 – April 30, 2020]. 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.