

Vermont Drinking Water Laboratory Certification Listing
 Listing Number 1130124A
 Effective October 28, 2024 as provided for in 18 VSA 501b
 Expiration Date October 28, 2025
 This listing is not valid without accompanying Vermont Certificate
Phoenix Environmental Laboratory, Inc.
Manchester, CT

DRINKING WATER MICRO

E. coli: SM 9222 B + G
 Total Coliform: SM 9222 B
 Total Coliform & E. coli (SM 9223 B):
 Colilert, P/A Colilert-18, P/A
 Colilert, Quantitray Colilert-18, Quantitray
 Heterotrophic Plate Count:
 SM 9215 B
 Enterococci:
 Enterolert

DRINKING WATER METALS

Aluminum: EPA 200.7 EPA 200.8
 Antimony: EPA 200.8 EPA 200.9
 Arsenic: EPA 200.8 EPA 200.9 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 200.5 EPA 200.7 EPA 200.8
 Iron: EPA 200.7
 Lead: EPA 200.5 EPA 200.8 EPA 200.9
 SM 3113 B
 Magnesium: EPA 200.7
 Manganese: EPA 200.7 EPA 200.8
 Mercury: EPA 245.1
 Molybdenum: EPA 200.7 EPA 200.8
 Nickel: EPA 200.7 EPA 200.8
 Selenium: EPA 200.8 EPA 200.9 SM 3113 B
 Silver: EPA 200.7 EPA 200.8

DRINKING WATER METALS (cont.)

Sodium: EPA 200.7
 Thallium: EPA 200.8 EPA 200.9 SM 3113 B
 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
 Chloride: EPA 300.0 SM 4500-Cl E
 Chlorine, free: SM 4500-Cl G
 Chlorine, total: SM 4500-Cl G
 Color: SM 2120 B
 Conductivity (Specific Conductance):
 SM 2510 B
 Cyanide, manual distillation:
 EPA 335.4
 Cyanide, Total: EPA 335.4
 DOC: SM 5310 B
 Fluoride: EPA 300.0 SM 4500-F C
 Hardness, total: SM 2340 B
 Hardness, calculated: EPA 200.7
 Nitrate-N: EPA 300.0 EPA 353.2
 Nitrate, calculated: 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: SM 4500-P E
 pH: SM 4500-H+ B

DRINKING WATER INORGANIC ANALYTES (cont.)

Residue, Total Filterable (TDS):
SM 2540 C

Sulfate: EPA 300.0 SM 4500-SO₄ D

Surfactants:
SM 5540 C

TOC: SM 5310 B

Turbidity: SM 2130 B

UV 254: SM 5910 B

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

1,2,3-Trichloropropane: EPA 504.1

Diquat: EPA 549.2

PCB as Aroclors: EPA 508

Glyphosate: EPA 547

DRINKING WATER HERBICIDES

2,4-D: EPA 515.3

Dalapon: EPA 515.3

Dicamba: EPA 515.3

Dinoseb: EPA 515.3

Pentachlorophenol: EPA 515.3

Picloram: EPA 515.3

2,4,5-TP (Silvex): EPA 515.3

DRINKING WATER ORGANIC DISINFECTION BY-PRODUCTS/HALOACETIC ACIDS

Bromoacetic Acid: EPA 552.2

Bromochloroacetic Acid: EPA 552.2

Chloroacetic Acid: EPA 552.2

DRINKING WATER ORGANIC DISINFECTION BY-PRODUCTS/HALOACETIC ACIDS (cont.)

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, Lasso: EPA 525.3

Aldrin: EPA 525.3

Atrazine: EPA 525.3

Butachlor: EPA 525.3

Chlordane: EPA 525.3

Dieldrin: EPA 525.3

Endrin: EPA 525.3

Heptachlor: EPA 525.3

Heptachlor Epoxide: EPA 525.3

Hexachlorobenzene: EPA 525.3

Hexachlorocyclopentadiene: EPA 525.3

Lindane: EPA 525.3

Methoxychlor: EPA 525.3

Metolachlor: EPA 525.3

Metribuzin: EPA 525.3

Propachlor: EPA 525.3

Simazine: EPA 525.3

Toxaphene: EPA 525.3

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

DRINKING WATER VOLATILE ORGANICS (cont.)

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

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

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

DRINKING WATER VOLATILE ORGANICS (cont.)

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

DRINKING WATER ACIDS, BASE/NEUTRALS

Benzo(a)pyrene:
EPA 525.3

Di(2-ethylhexyl)adipate:
EPA 525.3

Di(2-ethylhexyl)phthalate:
EPA 525.3

By:

Ali Boren
Certification Officer

Digitally signed by Ali
Boren
Date: 2024.10.17
16:03:18 -04'00'

As of October 28, 2024, this list supersedes all previous lists for this certificate number.

Vermont Certification is based in part upon current New York Accreditation Certificate, Serial No. 68719, April 01, 2024 through April 1, 2025. 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.



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

*Phoenix Environmental Laboratory, Inc.
Manchester, Connecticut*

Is certified to perform analyses on drinking water pursuant to their most recent Drinking Water Laboratory Certification Listing.

Mark Levine, Digitally signed by Mark
Levine, MD
Date: 2024.10.22
15:40:34 -04'00'
MD

Commissioner of Health
Ali Boren, Digitally signed by Ali
Boren
Date: 2024.10.17
16:03:29 -04'00'
Laboratory Certification Officer

October 28, 2024
Date certified

VT – 11301
Laboratory Number

October 28, 2025
Certificate expiration date

1130124
Certificate Number