



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

*Absolute Resource Associates
Portsmouth, NH*

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

Mark A.
Levine, MD

Digitally signed by Mark
A. Levine, MD
Date: 2023.11.28
10:52:45 -05'00'

Commissioner of Health

Ali Boren

Digitally signed by Ali
Boren
Date: 2023.11.19
12:25:24 -05'00'

Laboratory Certification Officer

December 2, 2023

Date certified

VT - 173204

Laboratory Number

December 2, 2024

Certificate expiration date

17320423

Certificate Number

Vermont Drinking Water Laboratory Certification Listing

Listing Number 17320423A

Effective December 2, 2023 provided for in 18 VSA 501b

Expiration Date December 2, 2024

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, total:
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
Potassium:
EPA 200.8
Selenium:
EPA 200.8
Silver:
EPA 200.8
Sodium:
EPA 200.8
Thallium:
EPA 200.8
Uranium
EPA 200.8
Vanadium:
EPA 200.8
Zinc:
EPA 200.8

DRINKING WATER INORGANIC CONTAMINANTS

Alkalinity:
SM 2320 B
Chloride:
EPA 300.0
Conductivity (specific conductance):
SM 2510 B
Cyanide, Free:
SM 4500-CN F
Fluoride:
EPA 300.0
Hardness, total:
SM 2340 B
Nitrate-N:
EPA 300.0
Nitrate-Nitrite, Total:
EPA 300.0
Nitrite-N:
EPA 300.0
Orthophosphate:
EPA 300.0 EPA 365.3
pH:
SM 4500-H⁺ B
Residue, Total Filterable (TDS):
SM 2540 C
Sulfate:
EPA 300.0
Sulfide:
SM 4500-S2 D
Total Organic Carbon (TOC):
SM 5310 C
Turbidity:
SM 2130 B

INDIVIDUAL DRINKING WATER ORGANIC CONTAMINANTS

DBCP:
EPA 524.2
EDB:
EPA 524.2
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

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

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

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

1,2,4-Trimethylbenzene:
EPA 524.2

1,3,5-Trimethylbenzene:
EPA 524.2

Total Xylenes:
EPA 524.2

Vinyl Chloride:
EPA 524.2

DRINKING WATER ORGANIC CONTAMINANTS

Perfluorinated Chemicals (PFOA/PFOS and others):

N-ethyl perfluorooctanesulfonamidoacetic acid
(NEtFOSAA):
EPA 537.1

N-methyl perfluorooctanesulfonamidoacetic acid
(NMeFOSAA):
EPA 537.1

Perfluorobutanesulfonic acid (PFBS):
EPA 537.1 EPA 533

Perfluorodecanoic acid (PFDA):
EPA 537.1 EPA 533

Perfluorododecanoic acid (PFDoA):
EPA 537.1 EPA 533

Perfluoroheptanoic acid (PFHpA):
EPA 537.1 EPA 533

Perfluorohexanesulfonic acid (PFHxS):
EPA 537.1 EPA 533

Perfluorohexanoic acid (PFHxA):
EPA 537.1 EPA 533

Perfluorononanoic acid (PFNA):
EPA 537.1 EPA 533

Perfluorinated Chemicals (cont):

Perfluorooctanesulfonic acid (PFOS):

EPA 537.1 EPA 533

Perfluorooctanoic acid (PFOA):

EPA 537.1 EPA 533

Perfluorotetradecanoic acid (PFTA):

EPA 537.1

Perfluorotridecanoic acid (PFTrDA):

EPA 537.1

Perfluoroundecanoic acid (PFUnA):

EPA 537.1 EPA 533

Hexafluoropropylene oxide dimer acid (HFPO-DA):

EPA 537.1 EPA 533

11-chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS):

EPA 537.1 EPA 533

9-chlorohexadecafluoro-3-oxanone-1-sulfonic acid (9Cl-PF3ONS):

EPA 537.1 EPA 533

4,8-dioxa-3H-perfluorononanoic acid (ADONA):

EPA 537.1 EPA 533

Nonafluoro-3,6-dioxaheptanoic acid (NFDHA):

EPA 533

Perfluorinated Chemicals (cont):

Perfluorobutanoic acid (PFBA):

EPA 533

1H,1H, 2H, 2H-Perfluorodecane sulfonic acid (8:2FTS):

EPA 533

Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA):

EPA 533

Perfluoroheptanesulfonic acid (PFHpS):

EPA 533

1H,1H, 2H, 2H-Perfluorohexane sulfonic acid (4:2FTS):

EPA 533

Perfluoro-3-methoxypropanoic acid (PFMPA):

EPA 533

Perfluoro-4-methoxybutanoic acid (PFMBA):

EPA 533

1H,1H, 2H, 2H-Perfluorooctane sulfonic acid (6:2FTS):

EPA 533

Perfluoropentanoic acid (PFPeA):

EPA 533

Perfluoropentanesulfonic acid (PFPeS):

EPA 533

By:

Ali Boren

Digitally signed by Ali
Boren
Date: 2023.11.19
12:25:12 -05'00'

Certification Officer

Date signed November 19, 2023

As of December 2, 2023, 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 173223-B, January 26, 2023 – January 25, 2024. 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.