

Vermont Drinking Water Laboratory Certification Listing

Listing Number 17320421B

Effective October 4, 2022 provided for in 18 VSA 501b

Expiration Date December 2, 2022

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 EPA 4500-NO₂ B
Orthophosphate: EPA 300.0 EPA 365.3
pH: SM 4500-H⁺ B
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

2,2-Dichloropropane:
EPA 524.2

1,1-Dichloropropene:
EPA 524.2

DRINKING WATER VOLATILE ORGANICS (cont.)

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

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

Perfluorinated Chemicals (cont):

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
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

Perfluorinated Chemicals (cont):

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
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
Certification Officer
Date signed October 4, 2022

As of October 4, 2022, 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 173222-A, January 26, 2022 – January 25, 2023. 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.