APPENDIX B

Pace National Vermont Accreditation

Stantec

VERMONT
DEPARTMENT OF HEALTH

State of Vermont Department of Health
Drinking Water Laboratory Certification

Pace Analytical National Center for Testing & Innovation
Mt. Juliet, Tennessee

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

January 5, 2022
Date certified

VT – 2006
Laboratory Number

March 1, 2023
Certificate expiration date

200622
Certificate Number

Commissioner of Health

Laboratory Certification Officer

Vermont Drinking Water Laboratory Certification Listing
Listing Number 200622A
Effective January 5, 2022 as provided for in 18 VSA 501b
Expiration Date March 1, 2023
This listing is not valid without accompanying Vermont Certificate

Pace Analytical National Center for Testing & Innovation
Mount Juliet, TN

DRINKING WATER METALS

Aluminum:
EPA 200.7 EPA 200.8
Antimony:
EPA 200.8
Arsenic:
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
Chromium, total:
EPA 200.7 EPA 200.8
Chromium, hexavalent:
EPA 218.6
Copper:
EPA 200.7 EPA 200.8
Iron:
EPA 200.7
Lead:
EPA 200.8
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
Silver:
EPA 200.7 EPA 200.8
Sodium:
EPA 200.7
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 CONTAMINANTS

Alkalinity:
SM 2320 B
Bromide:
EPA 300.0
Chloride:
EPA 300.0 SM 4110 B
Color:
SM 2120 B
Conductivity (Specific Conductance):
SM 2510 B
Corrosivity (Langlier Index):
SM 2330 B
Cyanide (Manual Distillation):
SM4500-CN C
Cyanide, Amenable:
SM4500-CN G
Cyanide, Total:
EPA 335.4
DOC:
SM 5310 C
Fluoride:
EPA 300.0 SM 4110 B
Hardness, total:
SM 2340 B
Nitrate-N:
EPA 300.0 EPA 353.2
SM 4110 B
Nitrate, calculated:
SM 4500-NO3 F
Nitrate-Nitrite, Total:
EPA 300.0 EPA 353.2
SM 4110 B
Nitrite-N:
EPA 300.0 EPA 353.2
SM 4110 B SM 4500-NO3 F
Odor
SM 2150 B
pH:
EPA 150.1 SM 4500-H^+ B
Residue, Total Filterable (TDS):
SM 2540 C
Sulfate:
EPA 300.0 SM 4110 B
Surfactants:
SM 5540 C
TOC:
SM 5310 C
Turbidity:
EPA 180.1 SM 2130 B

DRINKING WATER INORGANIC CONTAMINANTS (cont.)

UV 254:
SM 5910 B
Perchlorate:
EPA 314.0

INDIVIDUAL DRINKING WATER ORGANIC CONTAMINANTS

DBCP
EPA 504.1
EDB:
EPA 504.1
1,2,3 Trichloropropane:
EPA 524.2

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

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 507
Atrazine:
EPA 507
Butachlor:
EPA 507
Metolachlor:
EPA 507
Metribuzin:
EPA 507
Simazine:
EPA 507

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 RADIOLOGICAL CONTAMINANTS

Gamma Emitters:
EPA 901.1
Gross Alpha:
EPA 900.0
Gross Beta:
EPA 900.0
Radium-226:
EPA 903.0 SM 7500-Ra B
Radium-228:
EPA 904.0
Tritium:
EPA 906.0
Uranium:
EPA 200.8
Radon:
SM7500-Rn B

By:

Ali Boren
Certification Officer
Date signed December 29, 2021

As of January 5, 2022, this list supersedes all previous lists for this certificate number.
Vermont Certification is based in part upon current Utah Department of Health Certificate number TN000032021-12, expiring July 31, 2022. 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.