VERMONT

State of Vermont
Department of Health
Division of Health Surveillance
Public Health Laboratory
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Agency of Human Services

December 27, 2019

Andora Nguyen
Eurofins Eaton Analytical, LLC. - Monrovia
750 Royal Oaks Drive, Suite 100
Monrovia, CA 91016

Dear Andora Nguyen,

Please find your laboratory's **{amended December 27, 2019}** Drinking Water Laboratory Certification listing enclosed with this letter. Please **review** this document for accuracy and inform us of any possible discrepancies. The listing will be valid until the date on the Analytical Methods attachments [unless your primary accrediting authority changes your accreditation status].

The Laboratory shall send updated certificates from its primary accrediting bod(ies) within 10 business days of receipt to the Vermont Department of Health.

The granting of certification status is directly related to successful proficiency performance, corrective action, fully implemented quality assurance plan, audits and receipt of fees. The Certification Officer will review these areas prior to granting of certification status. Certification status may change during the calendar year. If you have any suggestions, concerns or questions please call or write to me directly.

Sincerely,

Ali Boren

Ali Boren
Laboratory Certification Officer
Vermont State Public Health Laboratory

cc: Ben Montross, VT Agency of Natural Resources – Drinking Water & Groundwater Protection Division

Attachments

VT 0114

Vermont Drinking Water Certification
Analytical Methods
Effective December 28, 2019 as provided for in 18 VSA 501b
{Amended December 27, 2019}
Expiration Date December 28, 2020
This listing is not valid without accompanying Vermont Certificate

Eurofins Eaton Analytical, LLC - Monrovia
Monrovia, CA

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:
EPA 200.7 EPA 200.8
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 200.8
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

Asbestos:
EPA 100.2
Alkalinity:
SM 2320 B
Bromate:
EPA 300.1
Bromide:
EPA 300.0 EPA 300.1
Chlorate:
EPA 300.0 EPA 300.1
Chlorite:
EPA 300.0 EPA 300.1
Chloride:
EPA 300.0
Chlorine, Free:
SM 4500-Cl G
Chlorine, Total:
SM 4500-Cl G
Chlorine Dioxide:
SM 4500-CLO2 D
Color:
SM 2120 B
Conductivity (Specific Conductance):
SM 2510 B
Corrosivity (Langlier Index):
SM 2330 B
Cyanide, Amenable:
SM4500-CN G
Cyanide, Total:
EPA 335.4 SM 4500-CN F
DOC:
SM 5310 C
Fluoride:
SM 4500-F C
Hardness:
SM 2340 B
Hardness (Calc.):
EPA 200.7
Nitrate-N:
EPA 300.0 EPA 353.2
Nitrate (Calc.):
EPA 353.2
Nitrate-Nitrite, Total:
EPA 300.0 EPA 353.2
Nitrite-N:
EPA 300.0 EPA 353.2
Odor:
SM 2150 B
Orthophospate:
SM 4500-P E
pH:
EPA 150.1 SM 4500-H^+ B
Residue, Total Filterable (TDS):
SM 2540 C

DRINKING WATER INORGANIC CONTAMINANTS (cont.)

Sulfate:
EPA 300.0
Surfactants:
SM 5540 C
TOC:
SM 5310 B
Turbidity:
EPA 180.1
UV 254:
SM 5910 B
Perchlorate:
EPA 314.0 EPA 331.0
Silica:
EPA 200.7 SM 4500-SiO2 C

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
Butyl Benzyl Phthalate:
EPA 525.2
Di-n-Butyl Phthalate:
EPA 525.2
Diethyl Phthalate:
EPA 525.2
Dimethyl 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
Methiocarb:
EPA 531.2
Methomyl:
EPA 531.2
Vydate (Oxamyl):
EPA 531.2

DRINKING WATER HERBICIDES

Acifluorfen:
EPA 515.4
Bentazon:
EPA 515.4
2,4-D:
EPA 515.4
2,4-DB:
EPA 515.4
Dalapon:
EPA 515.4

DRINKING WATER HERBICIDES (cont.)

DCPA Mono-acid:
EPA 515.4
DCPA Di-acid:
EPA 515.4
Dicamba:
EPA 515.4
3,5-Dichlorobenzoic Acid:
EPA 515.4
Dichloroprop:
EPA 515.4
Dinoseb:
EPA 515.4
Pentachlorophenol:
EPA 515.4
Picloram:
EPA 515.4
2,4,5-T:
EPA 515.4
2,4,5-TP (Silvex):
EPA 515.4

DRINKING WATER INSECTICIDES (PESTICIDES)

Alachlor:
EPA 505 EPA 525.2
Aldrin:
EPA 505 EPA 525.2
Atrazine:
EPA 525.2
Bromacil:
EPA 525.2
Butachlor:
EPA 525.2
Chlordane:
EPA 505 EPA 525.2
4,4'-DDD:
EPA 525.2
4,4'-DDE:
EPA 525.2
4,4'-DDT:
EPA 525.2
Diazinon:
EPA 525.2
Dieldrin:
EPA 505 EPA 525.2
2,4-Dinitrotoluene:
EPA 525.2
2,6-Dinitrotoluene:
EPA 525.2
Endrin:
EPA 505 EPA 525.2
EPTC:
EPA 525.2
Heptachlor:
EPA 505 EPA 525.2
Heptachlor Epoxide:
EPA 505 EPA 525.2
Hexachlorobenzene:
EPA 505 EPA 525.2
Hexachlorocyclopentadiene:
EPA 525.2
Lindane:
EPA 505 EPA 525.2
Methoxychlor:
EPA 505 EPA 525.2

DRINKING WATER INSECTICIDES (PESTICIDES) (cont.)

Metolachlor:
EPA 525.2
Metribuzin:
EPA 525.2
Molinate:
EPA 525.2
Propachlor:
EPA 525.2
Simazine:
EPA 525.2
Terbacil:
EPA 525.2
Toxaphene:
EPA 505

INDIVIDUAL DRINKING WATER ORGANIC CONTAMINANTS

DBCP
EPA 504.1 EPA 551.1
EDB:
EPA 504.1 EPA 551.1
Diquat:
EPA 549.2
Endothall:
EPA 548.1
PCBs as Aroclors:
EPA 505
1,2,3 Trichloropropane
EPA 504.1 EPA 524.2
Glyphosate:
EPA 547
Dibromoacetonitrile:
EPA 551.1
2,3,7,8-TCDD:
EPA 1613 B
1,4-Dioxane:
EPA 522

DRINKING WATER ORGANIC DISINFECTION BY-PRODUCTS/HALOACETIC ACIDS

Bromoacetic Acid:
SM6251 B
Bromochloroacetic Acid:
SM6251 B
Choracetic Acid:
SM6251 B
Dibromacetic Acid:
SM6251 B
Dichloroacetic Acid:
SM6251 B
Trichloracetic Acid:
SM6251 B
Total Haloacetic Acids:
SM6251 B

PERFLUORINATED CHEMICALS (PFOA/PFOS and others)

N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA):
EPA 537 EPA 537.1
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA):
EPA 537 EPA 537.1
Perfluorobutanesulfonic acid (PFBS):
EPA 537 EPA 537.1
Perfluorodecanoic acid (PFDA):
EPA 537 EPA 537.1
Perfluorododecanoic acid (PFDoA):
EPA 537 EPA 537.1
Perfluoroheptanoic acid (PFHpA):
EPA 537 EPA 537.1
Perfluorohexanesulfonic acid (PFHxS):
EPA 537 EPA 537.1
Perfluorohexanoic acid (PFHxA):
EPA 537 EPA 537.1
Perfluorononanoic acid (PFNA):
EPA 537 EPA 537.1
Perfluorooctanesulfonic acid (PFOS):
EPA 537 EPA 537.1
Perfluorooctanoic acid (PFOA):
EPA 537 EPA 537.1
Perfluorotetradecanoic acid (PFTA):
EPA 537 EPA 537.1
Perfluorotridecanoic acid (PFTrDA):
EPA 537 EPA 537.1
Perfluoroundecanoic acid (PFUnA):
EPA 537 EPA 537.1
Hexafluoropropylene oxide dimer acid (HFPO-DA):
EPA 537.1
11-chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)
EPA 537.1
9-chlorohexadecafluoro-3-oxanone-1-sulfonic acid (9Cl-PF3ONS):
EPA 537.1
4,8-dioxa-3H-perfluorononanoic acid (ADONA):
EPA 537.1

DRINKING WATER TRIHALOMETHANES

Bromodichloromethane:
EPA 524.2 EPA 551.1
Bromoform:
EPA 524.2 EPA 551.1
Chlorodibromomethane:
EPA 524.2 EPA 551.1
Chloroform:
EPA 524.2 EPA 551.1
Total Trihalomethanes:
EPA 524.2 EPA 551.1

DRINKING WATER VOLATILE ORGANICS

Benzene:
EPA 524.2
Bromobenzene:
EPA 524.2
Bromochloroacetonitrile:
EPA 551.1
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
Dibromoacetonitrile:
EPA 551.1
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
Ethylbeneze:
EPA 524.2

DRINKING WATER VOLATILE ORGANICS (cont.)

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 RADIOLOGICAL CONTAMINANTS

Gross Alpha:
EPA 900.0 SM 7110 C
Gross Beta:
EPA 900.0
Radium-226:
Georgia Institute of Technology
Radium-228:
Georgia Institute of Technology
Uranium:
EPA 200.8
Radon:
SM 7500-Rn B

By:

Ali Boren
Certification Officer
Date signed December 27, 2019

As of December 28, 2019, this list supersedes all previous lists for this certificate number. Vermont Certification is based in part upon current Utah Accreditation Certificate of Approval number CA000062019-16, as of January 01, 2018 – January 31, 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.