

New England Testing Laboratory
1254 Douglas Avenue
North Providence, Rhode Island 02904
1-888-863-8522

Test Methods

Potable Water - Microbiology

Total Coliform	SM9222B
Total Coliform (Colilert)	SM9223
E.coli	SM9221F
E.coli (Colilert)	SM9223
Heterotrophic Plate Count	SM9215B

Potable Water - Organic Chemistry

Volatile Organics	EPA 524.2
EDB & DBCP	EPA 504.1
Haloacetic Acids	EPA 552.2
Semivolatile Synthetics	EPA 525.2
Herbicide Synthetics	EPA 515.3
Chlordane, Toxaphene, PCBs	EPA 505
Carbomate Pesticides	EPA 531
Glyphosate	EPA 547
Endothall	EPA 548
Diquat	EPA 549
UCMR-2 Contaminants	EPA 527, 529 525, 535, 521

Potable Water - Inorganic Chemistry

Alkalinity	SM2320B
Aluminum	SM3120B
Antimony	EPA 200.9
Arsenic	SM3113B
Barium	SM3120B
Beryllium	SM3120B
Boron	SM3120B
Cadmium	SM3113B
Calcium	SM3120B
Chloride	SM4500CL-B
Chromium	SM3120B
Conductivity	SM2510B
Copper	SM3120B
Cyanide	SM4500CN-E
Fluoride	SM4500F-C
Hardness	SM2340C
Iron	SM3120B
Lead	SM3113B
Magnesium	SM3120B
Manganese	SM3120B
MBAS	SM5540C

Mercury	SM3112B
Nickel	SM3120B
Nitrate	SM4500NO3-E
Nitrite	SM4500NO2-B
Orthophosphate	SM4500P-E
pH	SM4500H-B
Potassium	SM3120B
Selenium	SM3113B
Silver	SM3113B
Sodium	EPA 200.7
Sulfate	SM4500SO4-D
Thallium	EPA 200.9
Total Dissolved Solids	SM2540C
Turbidity	SM2130B
Zinc	SM3120B
Free Residual Chlorine	SM4500Cl-G
Langolier Index	

Non-Potable Water - Microbiology

Total Coliform	SM9221A
Total Coliform	SM9221B
Total Coliform	SM9222B
Fecal Coliform	SM9222D
Fecal Coliform	SM9221E
Enterococci	EnterolertIDEXX

**Non-Potable Water/ Soil and Solids -
Organic Chemistry**

Volatile Organics	EPA 624
Semivolatile Organics	EPA 625
Pesticides and PCBs	EPA 608
TPH	8100
Volatile Organics THMs	8260/624
Semivolatiles	8270/625
Herbicides	EPA 8151
MA Contaminants	EPH
	VPH

**Non-Potable Water & Other Matrices -
Inorganic Chemistry**

Alkalinity	SM2320B
Aluminum	EPA 200.7
Ammonia	SM4500NH3-F
Antimony	EPA 200.7
Arsenic	SM3113B
Arsenic	EPA 200.7
Barium	EPA 200.7
Beryllium	EPA 200.7
Boron	EPA 200.7
Cadmium	SM3113B
Cadmium	EPA 200.7

Calcium	EPA 200.7
Chloride	SM4500Cl-B
Total Chromium	EPA 200.7
Hexavalent Chromium	SM3500Cr-D
Cobalt	EPA 200.7
Copper	EPA 200.7
Fluoride	SM4500F-C
Fluoride	EPA 340.2
Hardness	EPA 200.7
Hardness	SM2340C
Iron	EPA 200.7
Lead	SM3113B
Lead	EPA 200.7
Magnesium	EPA 200.7
Manganese	EPA 200.7
MBAS	SM5540C
Mercury	EPA 245.1
Molybdenum	EPA 200.7
Nickel	EPA 200.7
Nitrate + Nitrite as N	SM4500NO3-E
Nitrate	SM4500NO3-E
Nitrite	SM4500NO2-B
Orthophosphate	SM4500P-E
Potassium	EPA 200.7
Selenium	SM3113B
Selenium	EPA 200.7
Silver	SM3113B
Silver	EPA 200.7
Sodium	EPA 200.7
Sulfate	EPA 375.4
Sulfide	EPA 376.2
Thallium	EPA 279.2
Tin	EPA 200.7
Vanadium	EPA 200.7
Zinc	EPA 200.7
Total Cyanide	EPA 335.2
Total Cyanide	SM4500CN-E
Kjedahl Nitrogen	SM4500NH3-F
Oil & Grease	EPA 1664
pH	SM4500H-B
Phenols	EPA 420.1
5-Day BOD	SM 5210B
COD	SM5220C
Specific Conductance	SM2510B
Total Phosphorus	SM4500P-E
Total Residual Chlorine	SM4500Cl-G
Total Suspended Solids	SM2540D
Total Dissolved Solids	SM2540C
Quarternary Ammonia Compounds (QACs)	Hach 8337
Carbon Dioxide	Hach 8223

Sulfite
Ferrous Iron
Total Halogens
Method 24
Specific Gravity
Percent Water

Hach 8071
Hach 8146
ASTM D808
Method 24
Gravimetric
Method 24/Grav

Volatiles in Air

TO-14a
TO-15
APH