

New England Testing Laboratory
59 Greenhill Street
West Warwick, Rhode Island 029893
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