

Township of Mendham

Incorporated March 29, 1749

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REQUIRED WATER & CORROSIIVITY STANDARDS FOR CERTIFICATE OF COMPLIANCE

Prior to the issuance of a certificate of compliance for a new individual water supply system, the Mendham Board of Health must be provided with reports of tests establishing that the system as constructed will meet the water quality and test of corrosivity requirements below. Testing may only be performed by testing laboratory certified by the NJ Department of Environmental Protection.

| ITEM | STANDARD |
|------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------|
| Bacteria | |
| Total coliform | None detected |
| Chemistry | |
| Fluoride | 2.0 mg/l maximum |
| Nitrate | 10.0 mg/l as N maximum |
| Turbidity | 1 turbidity unit (TU) maximum |
| pH | 6.5 minimum to 8.5 maximum |
| Hardness | 50 mg/l minimum* |
| *Whenever hardness exceeds 250 mg/l, it may be desirable to undertake corrective action. | |
| METALS - ATOMIC ABSORPTION | |
| Arsenic | 0.03 mg/l maximum |
| Barium | 1.00 mg/l maximum |
| Cadmium | 0.005 mg/l maximum |
| Chromium | 0.05 mg/l maximum |
| Iron | 0.30 mg/l maximum |
| Lead | 0.015 mg/l maximum |
| Manganese | 0.05 mg/l maximum |
| Mercury | 0.002 mg/l maximum |
| Selenium | 0.05 mg/l maximum |
| Silver | 0.05 mg/l maximum |
| VOLATILE ORGANICS | |
| Chemical scan | If positive, tests shall be made for specific chemicals, none of which shall exceed state maximum contaminate levels |