

# Township of Mendham Board of Health

Incorporated March 29, 1749

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## REQUIRED WATER & CORROSIVITY STANDARDS FOR CERTIFICATE OF POTABLE WATER SUPPLY

Prior to the issuance of a certificate of potable water supply for a new individual water supply system or prior to the transfer of title for a single family dwelling served by an existing individual water supply system, the Mendham Board of Health must be provided with reports of tests establishing that the system 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
<u>Bacteria</u>	
Total coliform	None detected
<u>Chemistry</u>	
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