

## Water Department

The Board of Water Commissioners is pleased to make the following report for the calendar year ending December 31, 2022 to the water rate payers and citizens of the Town of Groton.

Groton's water quality and testing regime continues to play a vital role in the product we deliver every day to you as our valued customer. Groton consistently goes to great lengths testing our drinking water to be sure we remain in compliance with the Department of Environmental Protection's regulations. In the calendar year 2022, the GWD has collected and analyzed more than one thousand water samples at the source wells and in the water distribution system. New substances such as Per and polyfluoroalkyl substances (PFAS) have been tested and reported to the MADEP. PFAS was present in two of our source wells at levels at less than 5.0 parts per trillion. However, these levels are well below the proposed standard of 20 parts per trillion and will not require remediation. Quarterly testing results can be found on our website at [grotonwater.org](http://grotonwater.org).

In February of 2019, we were notified by MADEP that manganese levels at our Whitney Pond Wells #1 and #2 are not within specified Health Advisory Limits. The Groton Water Department has begun construction of a state-of-the-art iron and manganese treatment facility at this location. It is anticipated to go on-line in the late Fall of 2023.

One of the Departments long terms goals is to increase our water management permit to pump more water from the aquifers in order to serve a greater customer base and expand the water system. The Water Department has located and installed a new well source at the Whitney Pond Well Field. It is anticipated that this new source will be on-line in the Spring of 2023.

The Groton Water Department continues to work on our Water Meter Replacement Program. The Water Department is now using State-of-the-Art meter reading equipment, commonly referred to as "Smart" Meters. Smart water meters allow the office staff and customers to see water consumption in actual time and provide emergency alerts if there is a leak of any kind in your home. The Water Department's investment will take approximately five years to complete the implementation process. Meters and the batteries that provide us with this information last between 10 and 12 years.

### Statistical Information - Period ending December 31, 2022:

Total Gallons of water pumped	168,809,972	Gallons per Year
Ave. Daily Consumption	462,493	Gallons per Day
Max. Daily Consumption – July 27 <sup>th</sup>	1,011,500	Gallons
Customer Accounts	2,239	
Water Mains	52.9	Miles
New/Replaced Water Mains	0.0	Miles
Total Hydrants (Public and Private)	397	Hydrants
Hydrants added to the system	0	Hydrant

The Water Department wishes to thank the following departments for their continued cooperation and assistance in the daily operations of the water supply system: Office of the Town Manager, Select Board Electric Light Department, Highway Department, Land Use Departments, Sewer Commission and our Police & Fire Departments.

Respectfully Submitted,

Water Department Staff:

Thomas D. Orcutt, Water Superintendent  
Lauren E. Croy, Business Manager  
Ann M. Livezey, Assistant  
Stephen B. Knox, Senior Water Technician  
Michael D. MacEachern, Senior Water Technician  
Robert A. Maloney, Senior Water Technician

Board of Water Commissioners:

John J. McCaffrey, Chairman  
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