

## Newmarket Water System

In 2017, the Town completed an Asset Management Plan and a Water System Capital Improvements Plan. These plans made several critical recommendations:

- Total of \$24 million of improvements to the water system in the next 20 years.
- Replace 5 miles of water mains in the next 15 years because they're too small or very old.
- Increase both the water supply and well capacity to meet current and future demands.



3 active wells with total capacity of 780 gallons per minute:

- Bennett Well
- MacIntosh Well
- Sewall Well
- Tucker Well (not currently used or permitted)



1 blending/treatment facility. Water from the MacIntosh Well is blended with the Bennett and Sewall Wells to reduce arsenic concentrations in the blended water.



Almost 27 miles of water mains. About 5 miles of water mains date back to 1895.



A 750,000 gallon storage tank which supplies pressure and fire flow capacity to the water system.

Town of Newmarket  
Department of Environmental Services, Water Division  
8 Young Lane  
Newmarket, NH 03857



## Town of Newmarket Department of Environmental Services Water Division



## Proposed Water System Upgrades

### 2019 Warrant Article Informational Brochure

Please contact Sean Greig, Environmental Services  
Director at [sgreig@newmarketnh.gov](mailto:sgreig@newmarketnh.gov) or 603.659.8810  
with any questions.

### South Main Street Water Main Replacement

- 1
  - Replace 3,330 feet of 125 year old water main.
  - Improve system reliability and fire flows.
  - Eliminate constriction in water system on supply line from Bennett and Sewall Wells.

### MacIntosh & Tucker Well Treatment Facility

- 2
  - Construct treatment facility improvements to treat MacIntosh and Tucker wells.
  - Facility will treat 575 gpm of well water.
  - Facility will remove arsenic, iron, manganese and meet new regulations.

### Bennett & Sewall Well Upgrades

- 3
  - Upgrades to address safety and code related items.
  - Replacement of failing electrical equipment.
  - Separation of the electrical equipment from the pump room.



### Tucker Well Building & Raw Water Main

- 4
  - Construct building, well pump, water main and power supply.
  - This well will add 275 gpm to the water supply (an increase of 35%) to meet the Town's growing demand.

### Bay Road Water Main Replacement

- 5
  - Replace 1,420 feet of 125 year old water and sewer main.
  - Improve system reliability and fire flows.
  - Reduce inflow and infiltration in the area.
  - Improve roadway and drainage on Bay Road.

### Moody Point Water Main Extension

- 6
  - Funded by the Moody Point Association.
  - Construct 5,200 feet of water main.
  - Current well provides poor water quality.
  - Projected to generate an additional \$25,000 in annual revenue for the Town.

### New Road Water Main Replacement

- 7
  - Replace 1,900 feet of 70 year old water main.
  - Improve system reliability and fire flows.
  - Simultaneous roadway and drainage improvements = cost savings.

**On March 12, 2019 a warrant article that recommends funding for water system upgrade projects will be voted on.**

**The cost of these 7 projects is estimated to be \$12.1 million. \$1.8 million will be paid by the Moody Point Association and \$10.3 million will be paid through water rates. This results in an average water rate increase for a single-family home of about \$24 per year.**