

# The Road Ahead

- The Master Plan sets a phased strategy that evolves with population growth, technology, and funding opportunities.
- It prioritizes near-term upgrades (2025-2030) while laying the groundwork for long-term investments (2045-2075).
- The plan is designed to be adaptive – it will be reviewed and updated regularly as conditions change.
- “This isn’t a one-time project. It’s a living plan that grows with our community.”

## Benefit of the Master Plan for Maynard Residents

### It provides a plan for:

- Safe, reliable water that meets or exceeds all drinking water standards.
- Reduced risks of water shortages or service disruptions.
- Improved water quality and taste for all households.
- Long-term cost savings through smarter, coordinated investments.
- Enhanced sustainability – planning instead of reacting to crises.

## Key Take Aways

- The Town of Maynard is taking a proactive, science-based approach to protect our most essential resource – clean drinking water.
- Through careful planning, investment, and transparency, we’re ensuring that Maynard’s water remains safe, sustainable, and affordable for generations to come.

# Other Considerations

### Why not just connect to MWRA now?

The MWRA connection is being studied as a long-term backup option. Maintaining local sources ensures flexibility and cost control.

### Is Maynard’s water safe to drink today?

Yes – Maynard’s water is safe to drink. While recent testing showed levels of Total Trihalomethanes (TTHMs) slightly above the MassDEP limit, this does not pose an immediate health risk, and the Town is taking proactive steps to reduce TTHMs and improve overall water quality.

### How will this impact water rates?

The Town plans to use the \$777,350.05 allocated from the 3M lawsuit award to address immediate water quality concerns. Funding will support installation of a permanganate chemical pre-oxidation system, mixers in both water storage tanks, and distribution system upgrades to reduce contributors to elevated TTHM levels. In addition, a recent \$2.3 million DEP Emerging Contaminants Grant will fund design work for upgrades at Rockland Avenue and Old Marlborough Road treatment plants to prepare for potential future PFAS treatment needs. The Town and its consultants are working to manage costs by phasing improvements and prioritizing funding opportunities – reducing the likelihood of sudden rate increases.

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TO LEARN MORE**



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# Maynard Water Supply & Treatment Master Plan 2025

Securing Maynard’s Water Future For Today and Tomorrow

## Why This Plan Matters

- The Town of Maynard is taking proactive steps to ensure that residents have clean, reliable drinking water for decades to come.
- Our 2025 Water Supply and Treatment Master Plan is about more than infrastructure – it’s about planning for future generations.
- As our community grows, we need to make sure our water system can handle increased demand and meet stricter environmental regulations that protect public health and safety.
- This plan looks as far ahead as 2075, giving Maynard a clear roadmap for long-term sustainability.



**Planning for safe, reliable, and sustainable drinking water.**

Updated: 10/23/2025

# Our Water System Today

- Maynard operates three water treatment plants:
  - Old Marlboro Road (OMR)
  - Green Meadow
  - Rockland Avenue
- Each facility faces challenges common to aging infrastructure — such as outdated equipment — as well as reduced production from existing wells caused by ongoing drought conditions. In addition, water quality is affected by elevated levels of naturally occurring minerals (iron and manganese), organic compounds, and Per- and Polyfluoroalkyl Substances (PFAS) present in the source water.
- Despite these challenges, our team is working diligently to ensure Maynard's water remains safe to drink.

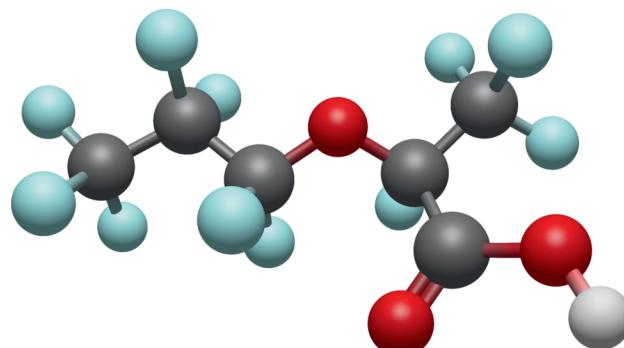
## Maynard Water & Sewer Department By The Numbers

 7 Full-Time Employees*	 3 Water Treatment Plants
 7 Active Ground Water Wells	 2 Water Storage Tanks
 471 Hydrants	 58+ Miles of Water Main
 413 Hydrant Valves	 717 Gate Valves
 100 Samples per month at 16 locations for 100 parameters	

\*3 positions are currently vacant

# Key Challenges

- Recently, Maynard's water exceeded the drinking water regulation for Total Trihalomethanes (TTHMs), which form when chlorine reacts with natural organic material in the water.
- Naturally occurring iron and manganese, along with aging pipes, can cause tinted or rusty-colored water. While water meets safety standards at the treatment plant, manganese levels in the system may occasionally exceed health advisories. If you notice discoloration, run cold water until it clears and contact the Maynard Water Department with any concerns. Trace amounts of PFAS ("forever chemicals") and other minerals require updated treatment technology.
- Water use is expected to rise significantly by 2045 and 2075 as the Town grows.
- Several treatment facilities and pipes are reaching the end of their useful life and need upgrades.
- Drought conditions continue to impact the production and quality of water from existing wells.
- New state and federal water quality standards are becoming more demanding, especially for Per- and Polyfluoroalkyl Substances (PFAS).



# Immediate Action is Necessary

**Maynard cannot wait to act — several near-term improvements are needed to safeguard**

### Maynard's water:

- Development of new well sources at Rockland Avenue and Old Marlboro Road (OMR),
- Distribution system evaluation for storage, water age, and water quality,
- Implementation of PFAS treatment for all water sources, and
- Implementation of the necessary pre-treatment to ensure PFAS processes are efficient and to address contaminants that are contributing to non-compliance of current water quality standards or at risk of non-compliance considering potential future water quality standards.

## Different Options Studied

**The Master Plan evaluated 14 different scenarios to secure Maynard's future water supply, narrowing them down to two main pathways:**

1. Combine and Upgrade Local Plants – Merge operations of Old Marlboro Road and Green Meadow.
2. Prepare for a potential future Massachusetts Water Resources (MWRA) Connection combined with local plants.

**Both options ensure redundancy, resiliency, and flexibility as the Town grows.**