# WATER SYSTEM DESCRIPTION

Hooksett Village Water Precinct, Hooksett, NH

**OVERVIEW:**

The Hooksett Village Water Precinct is a public water system that has provided safe, clean water for drinking and fire protection purposes since the 1940s. The system is fed by several large gravel wells located in the vicinity of Pinnacle Pond. The water is disinfected and treated to reduce corrosion at the well stations. From there, the water travels to three storage tanks holding 2½ million gallons, and to over 1,200 locations through 30± miles of distribution main and thousands of valves, meters and hydrants. In addition, the system includes an emergency interconnection with Central Hooksett Water Precinct on Route 3.

Maintaining this aging system in working order and in compliance with applicable regulations is no small task. Our team includes the Superintendent, an Office Manager, several certified Distribution & Treatment Operators, an Environmental Compliance Technician and five elected Water Commissioners. We work very hard to "keep the water flowing." We are directly responsible for protecting human health and the environment in accordance with the Federal Safe Drinking Water Act and its amendments as administered by the NH Department of Environmental Services. This includes complying with health-based water quality standards and many other important requirements such as public notice, reporting, and sampling.

The system is run as a business enterprise, which means that the Precinct must raise revenues sufficient to pay for all operating and capital expenses associated with producing, treating, storing and distributing the water (including less visible items such as debt service, financial reserves, administration and regulatory compliance). All revenue is expended solely on the water system, and the annual expense budget is the result of a transparent public process. Large infrastructure projects are identified in a Capital Improvement Program (CIP) that methodically lays out the long-term needs of the system on an annual basis.

**AUTHORITY:**

The Precinct is considered a Village District under NH RSA 52. Village districts or precincts constitute a specialized form of municipal government. As such, the Precinct is a limited purpose governmental unit having the same authority and power as the Town of Hooksett with respect to the purposes for which the Precinct was formed. Annual Precinct meetings occur each February. At the meetings, Precinct residents vote on warrant articles and elect commissioners and other officers including Clerk and Moderator.

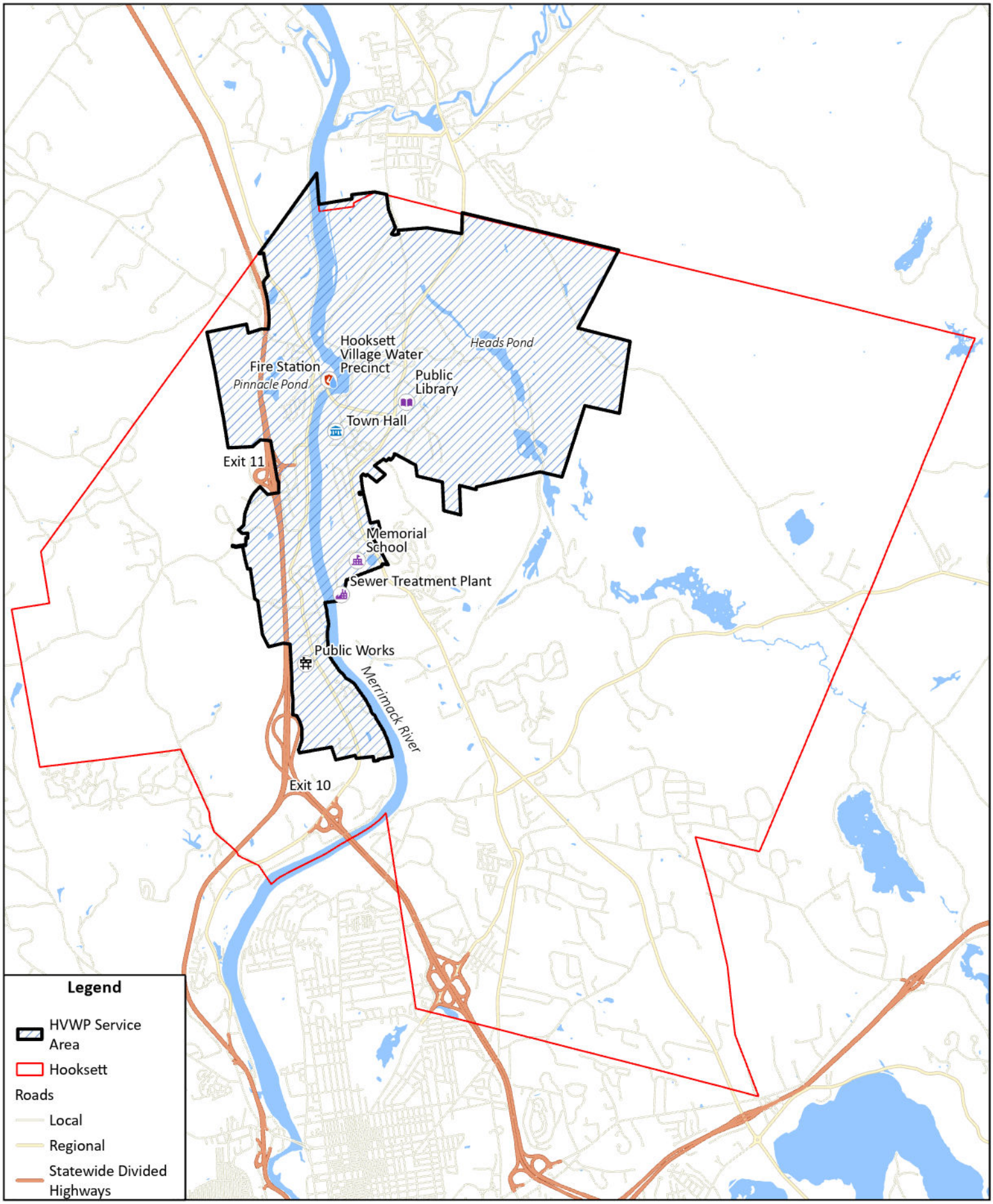
**PROJECTS & INITIATIVES:**

The Water Commissioners are committed to proactively addressing aging infrastructure and to improving the system for both growth and sustainability. Affordability and excellent service are our primary goals. To meet these goals, high priority CIP projects are being completed with a creative combination of trust fund reserves, land leasing revenues, low-interest loans, grants, partnerships and modest annual rate/fee updates.

Recent projects demonstrate the success of this funding and infrastructure maintenance strategy:

- New 400,000 Gallon Water Storage Tank & Demo of Old 200,000 Gallon Tank
- Replacement of Old Undersized AC Mains & Installation of New 12-Inch Water Mains
- New 1,000,000 Gallon Water Storage Tank & 12-Inch Water Main Crossing @ RT93
- System-Wide SCADA Improvements (Real-time Monitoring/Alarms for Level, Pressure, Flow, etc.)
- GIS Mapping, Aerial Drone Survey & System-Wide Hydrant Flow Testing
- Lilac Bridge 12-Inch Water Main River Crossing with Town of Hooksett
- Complete Overhauls of the North, South and East Pump Stations
- In-House Replacement & Upgrade of Highland Street Water Main
- RT3A TIF District with Town of Hooksett including 1.5 miles of 12" Water Main

We are currently placing most of our energy behind complying with new Federal mandates stemming from the Flint Michigan crisis. This includes preparing a comprehensive inventory of all water service lines, digging up lines of uncertain composition, and completing additional lead sampling and reporting.




# Hooksett Village Water Precinct

*01/14/2025*