



HOOKSETT VILLAGE WATER PRECINCT

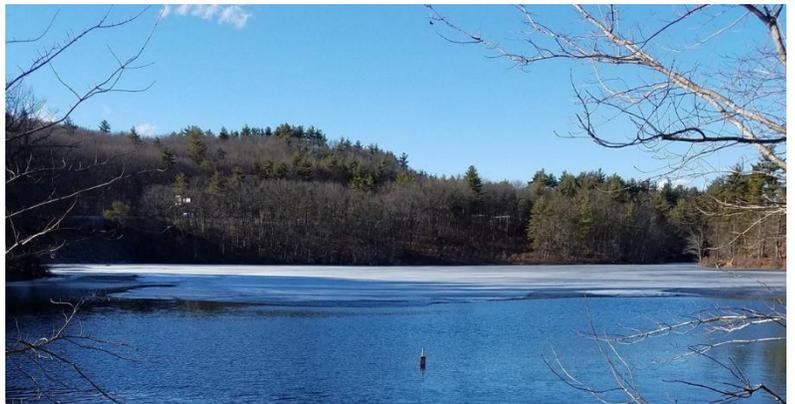
VILLAGE WELLSPRING

January 2022

HVWP is pleased to release this issue of the *Village Wellspring*, a periodic newsletter designed to keep you better informed about HVWP activities and events. We would like to take this opportunity to thank those customers that let us know about unusual water usage, leaks, water quality changes and hydrant damage – this makes it easier for us to monitor water system health and safeguards our shared water resources. Please call or stop by anytime to talk about water – it's our favorite topic.

SOURCE WATER SUSTAINABILITY AWARD

This past May, HVWP was pleasantly surprised with the receipt of the 2021 Source Water Sustainability Award from the NH Department of Environmental Services. According to NHDES, this annual award is given to a public water system, municipality or other entity whose work significantly preserves the availability of source water through water conservation or other efficiency measures. HVWP was selected for "its outstanding efforts to maintain the sustainability of the Precinct's groundwater sources through asset modernization, strategic planning, and water efficiency outreach, as well as a commitment to proactive water loss control. The Precinct also completed an Asset Management Plan Update that, among other things, will be used to determine the water mains most in need of replacement and to prioritize improvements in the water distribution system." As described on the Capital Improvement page at our web site, we've been working hard over the last five years to upgrade and optimize the water system and really appreciate the recognition – thanks NHDES!



Pinnacle Pond, a critical source of recharge to the Pinnacle Pond aquifer. Wells near the Pond are THE source of drinking water, irrigation and fire protection for residents, businesses and institutions in the Village. Lands around the Pond are open for passive recreation and we encourage you to enjoy the beautiful setting. Motorized uses are prohibited to protect the wells and Pond.

TANK PROJECT FUNDING

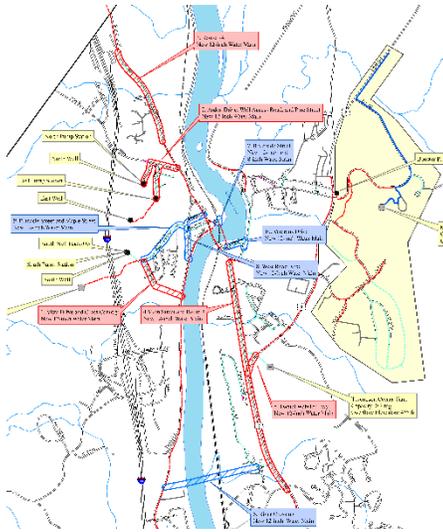
Never say never! We're thrilled to announce the authorization of up to \$1,176,800 in low-interest loan funds and at least \$873,200 in grant monies from the NH Drinking Water & Groundwater Trust Fund and the NHDES appropriation of the American Rescue Plan Act of 2021. Pending approvals in 2022 by our voters and the Governor/Executive Council, these funds when combined with the funds we have already raised would be enough to finally complete the connection of the new quarry tank directly to the heart of the distribution system on RT3A, and to finally replace the old but still important welded steel tank off of RT3.

If asked, we would appreciate your support for our efforts to secure these funds. The incredibly low interest rate (1.57%) and high grant ratio are unheard of in this business. These result partly from the current economic climate, but after several attempts to raise these funds over the last several years we believe we are also fortunate enough to have built a strong and “shovel-ready” project. This has generated a sense of momentum, and attracted the support of the funding agencies.

ENERGY AUDIT HIGHLIGHT: POST ROAD BOOSTER STATION

HVWP’s Booster Station pumps water to all customers located in the University Circle – Post Road area and historically generated the Precinct’s largest annual electrical bill (~\$18K in 2019). In 2020, we began to better manage energy costs at this facility by shifting its run-times to occur during lower demand periods. Upon completion of our NHDES grant-funded energy audit in 2021, we switched to operating the station completely off-peak to take advantage of “Time-of-Day” rates. Total annual savings relative to 2019 are now on the order of approximately 50%.

OTHER ITEMS OF INTEREST



March 2021: Priority water main replacement areas identified via hydraulic modeling and critical component analysis in the Asset Mgmt. Plan Update.

• **Bow Interconnection Study:** DuBois & King completed a multi-year water/sewer interconnection feasibility study for the South Bow – Hooksett Village area in August 2021. The study concluded that interconnection of the two water systems could be mutually beneficial to both towns, providing both an emergency source and the ability to sell to, or purchase from, each other. System hydraulics are similar and Bow has excess capacity.

• **Field Crew Out & About:** Our crew is out in the Village every day making sure the water system is running safely and smoothly. If you see one of their trucks, feel free to ask them what they’re up to. You’d be surprised at how much goes into being a licensed Water System Operator. From “routine” chemical treatment, pump station and high-pressure water main operations to a wide variety of field tasks including construction inspections, hydrant flushing/flow testing, line/valve/hydrant repairs, water quality/leak investigations, meter testing, water sampling/analysis, etc.

• **Winter is Here:** Cold weather can do a number on water systems. Protect your water piping, meter and backflow protection device(s) from freezing. Please also help clear snow around hydrants near your home or business.

• **Extreme Weather Prep:** HVWP was invited to co-present a well-attended seminar on extreme weather preparation at the NH Drinking Water Exposition in October 2021 with NHDES and Plymouth Village Water & Sewer District. Our portion of the seminar focused on lessons learned in Hooksett during the droughts of 2016 and 2020, and the application of source, asset and financial management tools to reduce drought impacts.



The Precinct’s fleet. Fuel costs have decreased 51% since 2015.

• **Web Site Packed with Info:** Check it out! www.hooksettvillagewater.org