

TOWN OF QUEENSBURY WATER/WASTEWATER DEPARTMENT

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Water/Wastewater Capital Improvement Plan

The Queensbury Water/Wastewater Department strives to deliver services that are reliable and financially sustainable. This requires the Department from time to time to review its rates and make adjustments as necessary in order to achieve this goal. Reliability is defined as replacing worn out assets within their useful life BEFORE they break down. Financial sustainability is defined as replacing those assets and spreading those costs over time. Every year, we ask ourselves what asset needs are to be addressed and how do they fit into a five year plan. The Town of Queensbury Water/Wastewater Department manages assets that if built all at once would cost \$250,000,000. We must ensure that the next generation benefits from its water and wastewater infrastructure as this generation benefits from the efforts of those who came before us. If infrastructure is not maintained with an eye on the future, it can be more of a burden than an asset.

The following rate comparisons shows our commitment to financial sustainability. In 1992, a median single-family residential property assessed at \$100,000.00, using 70,000 gallons of average water demand (essential use) paid **\$315.40 per year** for operation & maintenance fees including the Ad Valorem Tax. **In 2021**, a median single-family residential property assessed at \$220,000 will pay **\$277.30 per year**. These figures do not include recreational or non-essential water use such as watering a lawn. The above calculations are real numbers not adjusted for inflation.

The following projects are necessary in order to continue to deliver reliable services.

- **Water Storage Tank Asset Management and Maintenance Program - \$130,000/Annum.** This contract with Suez includes annual inspections, repairs when necessary, triannual cleanouts and scheduled repainting of five water storage tanks.
- **Ridge Road Water Main Rehabilitation - \$1,700,000.** This project will rehabilitate a water main that has had 20 failures over the past 20 years. This will be undertaken before the NYSDOT paves Ridge Road between Quaker Road and Sunnyside East in fall of 2021.
- **Replacement of Water Plant/Administration Building Roofs - \$1,000,000.** The Clarifier Building and Pole Barn Roofs were completed in 2020 for an approximate cost of \$400,000. Remainder of Water Filtration Plant and Administration Building Roof need to be undertaken.

- **Removal of Out of Warranty Underground Fuel Storage Tank - \$190,000.** The Department is evaluating its options with regards to a 30-year-old Underground Storage Tank. Stiffer EPA regulations and age of tank makes this a priority project.
- **Additional Pumping Redundancy - \$500,000.**
- **Replacement of a 1974 Motor Control Center - \$125,000.**
- **Replacement of Heavy Construction Equipment - \$400,000**
- **Improve Water Filtration Campus Security - \$265,000**
- **Address discolored water on Glenwood Ave. between Quaker Rd. and Bay Rd.** Employ enhanced maintenance techniques to address issue. If these enhance techniques fail to address issues, replacing/rehabilitating the unlined cast iron pipe may become necessary at a cost of **\$1,350,000.**

Wastewater Department Projects

- **Repair of Wastewater Infrastructure located in an easement behind D'ELLA Honda - \$650,000.**
- **Inter Municipal Agreement with City of Glens Falls and its contractually required Wastewater Treatment Plant Reconstruction Costs - \$230,000/annum**
- **Upsizing City of Glen's Falls Sewer on Broad Street as part of the Carey Road Sewer District formation - \$250,000.**
- **Reconstruction of 6000 feet of 12" Sewer Force Main and other related improvements - \$1,750,000.**

All improvements are paid by those in the Water/Wastewater Special Districts. The General Fund DOES NOT subsidize any Operation and Maintenance costs nor any Capital expenditures.