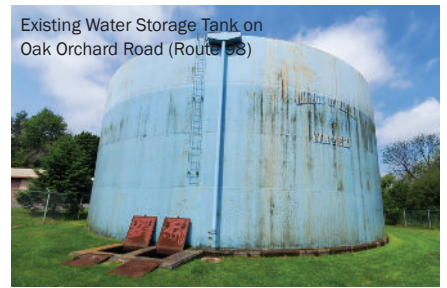




Current Village of Albion Water Treatment Plant



Village of Albion Water Treatment Plant Rendering



Existing Water Storage Tank on Oak Orchard Road (Route 98)



Village of Albion Water Treatment Plant Rendering



New Water Storage Tank



New Water Storage Tank

VILLAGE OF ALBION WATER SYSTEM UPGRADES

UPDATE ON WATER SYSTEM CAPITAL IMPROVEMENT PROJECT

The Village of Albion has provided clean drinking water to the Village and surrounding Towns since 1962. The water system is currently meeting all local, state and national water regulations but much of the existing infrastructure within the Water Treatment Plant and distribution system is in need of repair or replacement. The Village of Albion, through proactive planning, identified and developed a scope of improvements to update critical water system assets while reducing energy usage and operating costs. The improvements were rated based on condition of the existing assets, criticality to maintain current levels of service and opportunities to reduce operating costs.

As these improvements are costly, with an estimated cost of approximately \$11.1M, the Village applied for and was successful receiving grants and financing from the New York State Energy Research and Development Authority, New York State Water Infrastructure Improvement Act (Phase 1 and 2) as well as the New York State Consolidated Funding Application - Community Development Block Grant Public Works Fund.

The Village received a total of \$6,245,000 from the various grant programs with the remainder of costs covered by Drinking Water State Revolving Loan Funds from New York State at a subsidized interest rate. In addition to the grant obtained by the Village the report prepared as part of the New York State Energy Research and Development Authority program highlighted that the high service pump upgrades and booster pump station improvements would save approximately \$65,000 annually in energy and operating costs which will save the Village approximately \$1,950,000 over the thirty year life expectancy of the equipment.

Phase 1 improvements at the Water Treatment Plant include the replacement of the high service pumps, which have already been completed, as well as an upgrade of the electrical systems and instrumentation at the water treatment plant. Improvements to the distribution system include an upgrade to the booster pump station on Oak Orchard Road, the implementation of water system wide Supervisory Control and Data Acquisition (SCADA) system and a

replacement of one of the water transmission lines crossing Oak Orchard Creek. The phase 1 water treatment plant improvements have been designed and received regulatory approval and are anticipated to proceed to construction in early summer of 2023 with construction completion in spring of 2025.

Phase 2 improvements at the Water Treatment Plant include the construction of new sedimentation basins, filtration system and a new clearwell, fencing and security upgrades as well as improvements to the solids handling systems. Improvements to the distribution system include the construction of a new 1 Million Gallon water storage tank at the Oak Orchard Road (Rt 98) site, to replace the existing water storage tank pictured below. The water storage tank improvements have been designed and submitted for regulatory review and it is anticipated that the project will be publicly bid in May/June of 2023 for construction to start this summer. Construction of the new tank is projected to take place through this summer through next spring with modifications to the piping on the pump station and tank site to allow the Village to continue to operate during the construction of the new tank. The improvements at the water treatment plant are expected to be bid in spring/summer of 2024 for construction after the new water storage tank is operational as well as the water treatment plant improvements in phase 1. The water treatment plant improvements will increase the capacity of the water treatment plant allowing additional water quantities to be available for any new development, peak demand periods and for fire protection.

The Village feels these improvements to the water system are critical to continue to provide safe water to their water customers and look forward to updating you on the progress on the project as construction proceeds throughout this year and the following year. The Village is continuously looking for opportunities to obtain additional funding for water system improvements to cost effectively maintain the current level of service while complying with increasing regulatory requirements and emerging contaminants.

