
TOWN OF WINDHAM

NEW WWTP/COLLECTION SYSTEM



Under a fast tracked schedule, Delaware Engineering designed a new wastewater treatment and sewage collection system for the Town of Windham as part of the New York City Watershed New Infrastructure Program. The New Infrastructure Program provides block grants to a limited number of communities for design and construction of sewage infrastructure and community planning to achieve water quality goals. The Windham system involves over 19 miles of gravity collection piping, 3 remote pumping stations with force mains, and a \$7.5 million activated sludge/Continuously Backwashed

Upflow Sand Filter system. The plant also includes two pump stations: a 40,000 GPD station and an 80,000 GPD. Both are Triplex stations, and have emergency generators for backup power. The WWTP and main collection system along NYS Route 23 and in the Hamlet of Windham began construction during the summer of 2003. The WWTP became operational in the winter of 2005 and construction of service laterals continued through 2006-2007.

*Cost: \$23 million – WWTP/Collection System
Facility Capacity: 445,000 GPD*

