

2002 Village of Voorheesville Water Storage Improvements Project



This project entailed the addition of a new 0.5 MG AWWA D110 pre-cast, wire-wound concrete tank to provide distribution storage redundancy, the replacement of 8,900 linear feet of water distribution main, rehabilitation of existing well buildings process piping and refurbishing an existing 1.0 MG welded steel tank. Engineering and planning services provided for all phases of the project included:

- ◆ Preliminary Engineer's Report
- ◆ Analysis of distribution and storage system hydraulics
- ◆ Site Survey & Mapping
- ◆ Property Survey
- ◆ Schematic Design
- ◆ Environmental Review Assistance
- ◆ Endangered Species Investigation
- ◆ Easement Acquisition
- ◆ Planning Board Review Assistance
- ◆ Engineer's Report
- ◆ Final Design and Specifications
- ◆ Permitting
- ◆ Bidding Assistance
- ◆ Construction Administration
- ◆ Full-time Construction Observation
- ◆ Funding Application

The major components of the project include:

- ◆ New 0.5 MG Pre-cast, Wire-wound Concrete Tank With New Telemetry Vault
- ◆ New 10-inch Transmission and Distribution Mains
- ◆ New Pressure Reducing Valve and Pump Vault
- ◆ Existing Services Reconnection
- ◆ Telemetry and Controls Improvements
- ◆ Modification of process piping in Grove Street Well Control Building
- ◆ Complete upgrade of Pine Street Well Control Building
- ◆ Refurbishing Existing Welded Steel Tank

The Village of Voorheesville Water System serves a population of 2,800 people and an average daily demand of 0.45 MG.

Reference:

Village of Voorheesville
Will Smith, Supt. of Public Works
29 Voorheesville Avenue
Voorheesville, NY 12186
(518) 765-4512