Project Profile - Walden Ridge

Chattanooga, Tennessee

Factory-Built Booster Pump Station

Project Data:

Project Scope: Transmit water by pumping from Tennessee American Water Chattanooga System to Walden's Ridge Utility District System

Capacity - 2 MGD (1400 GPM) initially - total suction flow with one pump running
- 4 MGD (2800 GPM) future - total suction flow with two pumps running

Prefabricated, Factory-Built, 650-psi discharge pressure pump station with two 700-hp, 4160 VAC, 1,400-GPM vertical turbine pumps with switchgear and all mechanical components and systems, with building, base structure and HVAC system.

Booster Station Design: EFI-Solutions a d.b.a of Engineered Fluid, Inc.
Installed Date: 12/05/05

Project required rapid completion from design to delivery because of pending penalty for not meeting supply contract requirements.

Participants:

Owner - Tennessee American Water, Chattanooga, TN
Contractor - Tennessee American Water Co.
Consulting Engineer - Consolidated Technologies, Inc., Pittsburgh, PA 15222
EFI Representative - EFI Regional Manager
EFI Contacts - Applications Engineer, 618-533-1351, applications@efi-solutions.com

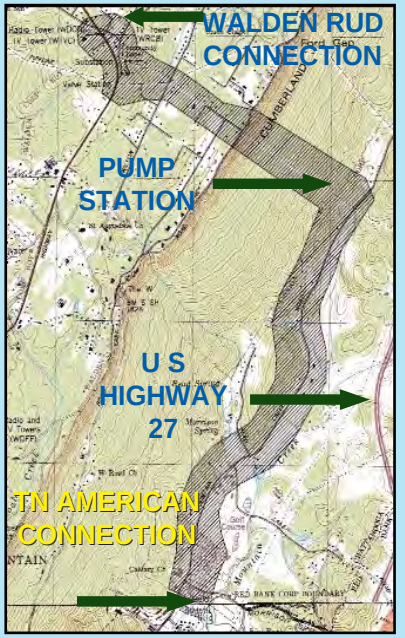
Final Installation

Pumps and discharge control valves for high pressure service.

Meters installed on the wall for better accuracy

Interior view with pumps set.

Location



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