

Walden Ridge Factory-Built Booster Pump Station

Tennessee American Water Co., Chattanooga, Tennessee



Pumps and discharge control valves for high pressure service.



Interior view with pumps set.



Final installation.

Project Data:

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

- Capacity (1400 gpm) initially - total station flow with one pump running
- 4 mgd (2800 gpm) future - total station 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 and with building, base structure and HVAC system.

Design: Booster Station Design by Engineered Fluid, Inc.

Contractor: Tennessee American Water Co.

Order Date: 7/11/05

Installed Date: 12/5/05

Start-up Date: 12/21/05

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

Participants:

Tennessee American Water - John S. Watson, Vice President and General Manager
Project Manager, Randy Taylor, 423-755-7629, randytaylor@amwater.com

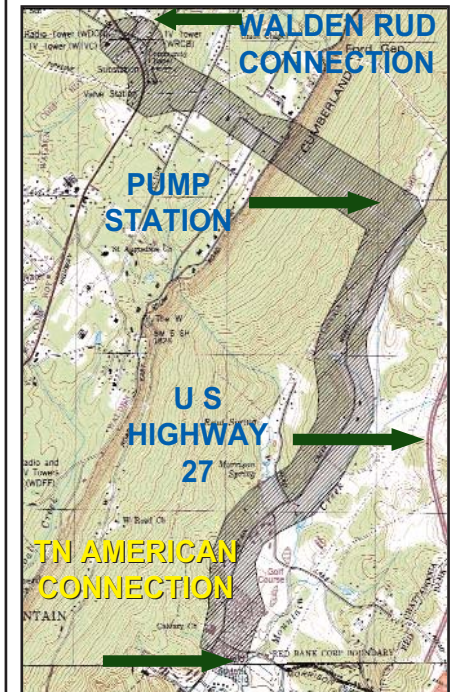
Consulting Engineer - Consolidated Technologies, Inc., Jerry D. Hightower, 423-267-7613

EFI Representative - Brann & Whittemore - Chris Byrnes, 615-377-9444, chris@brann-whittemore.com

EFI Contacts - Dave Ealy - Regional Manager, 317-442-5087, EFI@tctc.com; Joe Francois - Applications Engineer, 618-533-1351, jfrancois@engineeredfluid.com



EFI pump installation crew.



Location