



Project Profile...



Smith & Loveless, Inc.

Village of Broadalbin, NY Wastewater Pumping Stations

Facility Contacts:

DPW Superintendent
Facility Engineer

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McDonald Engineering, P.C. (518)382-1774

System Summary:

The Village of Broadalbin constructed a new sanitary collection and treatment system. A major portion of this new infrastructure consists of sewage lift stations. McDonald Engineering evaluated pumping alternatives and chose the Smith & Loveless Recessed Wet Well Mounted Pump Station as the basis of design. The factory-packaged design provides the Village with a system that is engineered for reliability, ease of maintenance, and high efficiency operation.

In a rural village like Broadalbin, it is important to consider the limitations of a small maintenance staff. Specifically, the Smith & Loveless design eliminates confined space issues, which can pose entry problems for one-person pump station visits. All maintenance - routine and emergency - is performed with no operator exposure to the wet well.

Pump station control consists of the Consolidated Electric solid state D152 pump controller and A1000 submersible pressure transducer. For the larger "No. 6" station, the D620 controller provides variable speed operation of this major station.

Our special thanks to Ron Loveless. Ron's dedication to the proper operation and maintenance of the pump stations is what makes this a successful project for the Village.

Smith & Loveless Recessed Wet Well Mounted Pump Stations

- ## High-efficiency Bearing Frame Pumps
- ## Simplified Pump Maintenance
- ## Factory-engineered Station Design
- ## Eliminates Confined Space Entry and Equipment in Wet Well

- ## Solid State D152 Pump and Alarm Controllers for Stations No. 2 and 6
- ## Variable Frequency Drives and D620 Programmable Controller for Station No. 4