

BOOSTER PUMPING STATION

Owner: Water & Wastewater Pollution Control Authority
Montville, CT

In Cooperation with: Mohegan Tribal Authority
Montville, CT

Contact: Chris C. Clark, P.L.S.
Operations Manager
Mohegan Tribal Utility Authority

Telephone: 860-862-6280

Key Personnel: Richard S. Johnson, P.E.
Patrick G. Brennan, P.E.

PROJECT DESCRIPTION

Our work on the Thames River Basin Regional Water Interconnection Project, involved interconnecting the water systems of six communities and one Tribal Nation. Included as part of the project was the construction of a booster pumping station in Montville, CT. The station included three pumping units, stand-by power and was designed to accommodate the varying demands of a gaming/resort facility. Other work included development of an hydraulic model of the interconnected regional system, 9,000 l.f. of water mains, a directional drilled water main crossing of the Thames River, and a 1.25 mil. gal. water storage reservoir. The project was completed in 2008.



NOOK ROAD BOOSTER PUMPING STATION

Owner: Water Division, Department of Public Works
Plymouth, MA

Contact: Paul Wohler, Director
Utilities Division, Department of Public Works
11 Lincoln Street
Plymouth, MA 02360

Telephone: 508-747-1620 ext. 129

Key Personnel: Richard S. Johnson, P.E.
Brian Giovanoni

PROJECT DESCRIPTION

Our work for the Plymouth Department of Public Works included design and construction services for a new booster pumping station to transfer water between pressure zones and the replacement of old jacket watermain. The brick and block pumping station included two high-capacity horizontal pumping units, stand-by power equipment, SCADA equipment, and ancillary building services. The project was necessary to allow continued commercial development to assist the Town's tax basis. The project was completed in 2002.

