

# HOLMBERG ORCHARD PRESTRESSED CONCRETE WATER STORAGE RESERVOIR

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**Owner:** Water Pollution Control Authority  
Ledyard, CT

**In Cooperation with:** Mohegan Tribal Authority  
Montville, CT

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**Key Personnel:** Richard S. Johnson, P.E.  
Ryan J. Trahan, 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 a 1.25 mil. gal. water storage reservoir in Ledyard, CT. The reservoir is a pre-stressed concrete water storage tank with a mixing system. 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 booster pumping station. The project was completed in 2008.

