

# WATER STORAGE TANK SITING EVALUATION

**Owner:** Water Pollution Control Authority (WPCA)  
Ledyard, CT

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## PROJECT DESCRIPTION

Our work for the Ledyard WPCA on the Extension of Water Supply to Ledyard Center has included two planning reports on establishment of municipal water to Ledyard Center. The initial study included the evaluation of options to correct water supply problems at the Ledyard High School. The second study included extending water supply to an elementary school in the center of Town while considering future system configurations. The third phase (currently under construction) included hydraulic modeling of the extended system, exchange of water with a neighboring community, siting of an elevated water storage tank and sizing of the mains for future conditions. This phase includes approximately 21,500 l.f. of 16-, 12- and 8-in. ductile iron water mains, a 750,000 gallon elevated steel water tank, two pressure reducing stations, and two metering vaults. Completion is scheduled for Summer 2009.

