

ELEVATED STEEL WATER STORAGE TANK

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

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PROJECT DESCRIPTION

Amory Engineers work on the Extension of Water to Ledyard Center included the design and construction services for a 750,000 gal. elevated steel water storage tank, 21,000 l.f. of 8-, 12- and 16-in. ductile iron watermains, and two pressure control vaults.



The storage tank was approximately 120-ft. to overflow, with a 40-ft. vertical sidewall height. Interior circulation piping was incorporated into the tank to avoid water stagnation and water quality degradation. Of particular interest during the siting evaluation stage for this tank was development of renderings of the visual changes the tank would have on the Design District. The project is nearing completion and expected on-line in late Spring 2009.