



GROTON UTILITIES

Subject: Ledyard Water Systems
Monthly Report: October/November 2025

To: Ed Lynch, WPCA Chairman
Cc: Joseph Pratt, Manager Water & Wastewater

From: Mauricio Duarte

Date: November 19, 2025

Water Operations and Maintenance Monthly Report and Updates 10/15 to 11/15/2025.

Operations:

- Daily rounds of all systems
- Operation and maintenance
- Manage water storage tanks.

Laboratory:

- Distribution system sample testing per CTDPH schedule (microbiological & physical analyses). All results met CTDPH standards.
- Submitted results of monthly microbiological & physical analyses to CTDPH via CMDP (Compliance Monitoring Data Portal) as required; also e-mailed all required monthly forms to CTDPH.
- Blending of raw water sources at the Groton WTP continues to reduce total organic carbon, thereby reducing the THMs leaving the WTP, and helping to reduce THMs in the Ledyard Center and Gales Ferry systems.
- Routine flushing of specific hydrants and blow-offs continues to be conducted, assisting LWPCA to reduce water age in both the Ledyard Center and Gales Ferry systems, as part of our efforts to maintain the lowest THM levels possible in both systems. The flushing continued through October, until reduced water temperatures decreased the production of THMs in both water systems.

- The Gales Ferry TTHM OEL calculation for Q3 required an OEL report to be prepared and submitted to DPH for Q3 2025; the report is nearly completed and will be submitted to DPH in a timely manner, as required. Gales Ferry water system is in compliance with THM/HAA5 regulations.
- Q3 TTHM results for Ledyard Center brought 13 Village Dr. back into compliance; the Ledyard Town Hall site remains in compliance.
- By late September LWPCA still had not received the NOV notice that was anticipated for 13 Village Dr., for Q2 2025. An e-mail was sent to Cindy Sek in late September inquiring about this, and the following day she confirmed that the RAA calculation exceeds the MCL (Q3 result = 0.081 mg/L), and that an NOV will be issued. She stated that someone from DPH will call us to advise us on steps to take; in addition, an NOV letter will be forthcoming from DPH to Ledyard. Work to prepare the notice to the customers will begin as soon as is practicable, once we hear from DPH.
- Q4 2025 THM/HAA5 samples were collected this month in Ledyard Center, and Gales Ferry THMs/HAA5s will be collected in November, in accordance with their DPH schedules. These samples are sent to a sub-contract lab for analysis.

Distribution:

- **Meter and ERT Box Repair:**
Routine monthly repairs were completed for various meters and ERT boxes. Trouble sheets were addressed for both the Ledyard and Gales Ferry service areas.
- Assisted Wright-Pierce with flow testing on both the Gales Ferry and Ledyard systems, which will help develop a more defined hydraulic model for the entire distribution system. We are currently assisting the engineering firm with other information needed to complete their assessment.
- **Leak Detection and Repairs:**
8 Smith Pond Road – The leak is confirmed on the customer's side of the service. The repair is scheduled for November 20th. Per the homeowner's request, the meter pit installation will be scheduled for a later date, once the repair has been completed.

Thompson Street – The full installation of the new 4" pipe is complete. We are now in the process of pressure testing and sanitizing the new main. Service transfers from the existing main to the new main are expected to begin in approximately one week.
- **Daily Operations:**
Routine responsibilities continue, including "Call Before You Dig" mark-outs and scheduled inspections of tanks and pump stations.