



GROTON UTILITIES

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

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

From: Mauricio Duarte

Date: October 20, 2025

Water Operations and Maintenance Monthly Report and Updates for 9/15 to 10/15/2025.

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.
- Completed data entry and 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. This flushing will continue through October, until reduced water temperatures decrease the production of THMs in both water systems.

- The Gales Ferry TTHM OEL calculation (Q3) required an OEL report to be prepared and submitted to DPH for Q3 2025. Please see previous comment regarding efforts to reduce water age. That report is Work in Progress and will be submitted in October. The Q3 TTHM result did not trigger an NOV. 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.

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 Woodard & Curran in connecting the Ledyard and Gales Ferry systems at the Preston line that feeds into Norwich. Issues were identified with the registers on both meters, once connected to SCADA, faulty readings were confirmed. Replacement parts have been received, and the meters are scheduled for repair later this week.
- **Leak Detection and Repairs:**
We have completed repairs on three of the four leaks identified by the leak detection contractor:

10 Mill Cove Road – Repaired a leaking 1” water service, the leak did not surface but was successfully located and repaired.

Fire Hydrant Leak – The leaking hydrant has been turned off, due to age and condition, replacement is recommended.

Village Drive – The leak was traced to the flushing line, which has since been turned off.

8 Smith Pond Road – The leak is on the customer’s side of the service. We are currently in communication with the property owner and assisting as needed to complete repair.
- **Daily Operations:**
Routine responsibilities continue, including "Call Before You Dig" mark-outs and scheduled inspections of tanks and pump stations.