



GROTON UTILITIES

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

To: Ed Lynch, WPCA Chairman
cc: Joseph Pratt, Manager Water/Wastewater Operations

From: Mauricio Duarte

Date: September 15, 2025

Water Operations and Maintenance Monthly Report and Updates for 8/15 to 9/15/2025.

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 results of Q3 testing for THMs/HAA5s for Ledyard Center have been received, and the Running Annual Average is in compliance, although the OEL calculation for Q3 requires that an OEL report will have to be prepared and submitted to DPH. Work on that report will commence in September.
- In accordance with the CTDPH schedule, THM/HAA5 samples in the Gales Ferry system were collected in August and submitted to our contract lab for analysis. (Both the Ledyard Center and Gales Ferry systems are currently in compliance with THM/HAA5 regulations).

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.
- **Leak Detection:**
Leak detection activities were completed in Ledyard and Gales Ferry. The leak detection professional checked the Route 214 area; no leaks were found. In total three leaks were discovered across the system. This information will assist in guiding the next steps for system repair and continued maintenance.
- **Daily Operations:**
Routine responsibilities continue, including "Call Before You Dig" mark-outs and scheduled inspections of tanks and pump stations.