



GROTON UTILITIES

**Subject: Ledyard Water Systems
Monthly Report: October/November 2024**

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

From: Mauricio Duarte

Date: November 19, 2024

Water Operations and Maintenance Monthly Report and Updates for 10/15 to 11/15/2024.

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.
- Routine flushing of specific hydrants and blow-offs to lower water age in both the Ledyard Center and Gales Ferry systems was continued in October; this work has been conducted as part of our efforts to maintain the lowest THM levels possible in both systems. We have improved chlorine residuals as the flushing and efforts at turning over the water in Ledyard Center and Holmberg Tanks have continued. It should be noted that all our weekly water testing for chlorine, bacteria, and physicals continue to meet DPH drinking water standards.

- Customer concerns analyses and communications.
- Ledyard Center and Gales Ferry Pb/Cu samples are complete, and the 90th percentile for both systems is below the 0.015 mg/L Action Level, so those systems remain in compliance with the Lead and Copper Rule.
- Groton Utilities Continued blending with Smith Lake at the Poquonnock Reservoir intake this month. Due to the lack of rainfall, we deemed it prudent to shut down Smith Lake in mid-October.
- Q4 2022 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:

- Monitoring of the Ledyard Multi use bike path continues, as well as supporting the contractor with shut-offs or mark-outs needed to move the project forward. Assisted in turning off hydrant #202, and turning back on, after work was completed.
- Conducted the monthly repairs of miscellaneous meter and ERT boxes. Completed trouble sheets for Ledyard and Gales Ferry. In the process of checking the system for leaks or unaccounted for usage.
- Planned shutdown at Route 117 and Lorenz Parkway to replace a portion of the 12" water main. In order to minimize any inconvenience to the customers, this work was completed at night.
- The flushing stations in both Gales Ferry and Ledyard Center were turned off. This helped with Chlorine residual and better water quality in both water systems.
- Day to day Call Before You Dig, as well as routine check-ins on tanks and pump stations.