



GROTON UTILITIES

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

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

From: Mauricio Duarte

Date: December 12, 2024

Water Operations and Maintenance Monthly Report and Updates for 11/15 to 12/15/2024.

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.
- Groton Utilities discontinued blending several raw water sources at the Poquonnock Reservoir intake this fall due to drought conditions. Recent rains may put us in position to resume blending water sources in the new year, since blending reduces TOCs in our incoming raw water, thereby reducing potential formation of THMs in the distribution system.

- Q4 2024 THM/HAA5 samples were collected in October in Ledyard Center, and Gales Ferry THMs/HAA5s were collected in November, in accordance with their DPH schedules. Results have been received, and RAAs are below the MCL level, although a 4th quarter OEL report will be required for Ledyard Center, which will be submitted to DPH by the end of the year.
- We continue to respond to customer concerns and questions on a routine basis; all analyses related to customer concerns have met drinking water standards, and we provide explanation and interpretation of results to assist customers with their water quality concerns.

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. Currently working with the contractor to adjust a few of the valves in the property line that are low, due to the new grade of the properties.
- 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.
- 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.
- Currently in the process of winterizing the fire hydrants in both Ledyard and Gales Ferry area, for the season.
- The connectivity to Norwich is 98% complete, with only the electrical components remaining. Groton Utilities is in the midst of developing an operational procedure to maintain water quality on the water main, which will be submitted to the Ledyard WPCA for approval.
- Day to day Call Before You Dig, as well as routine check-ins on tanks and pump stations.