



GROTON UTILITIES

Subject: Ledyard Water Systems
Monthly Report: September/October 2024

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

From: Mauricio Duarte

Date: October 16, 2024

Water Operations and Maintenance Monthly Report and Updates for 09/15 to 10/15/2024.

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 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 blow-offs continues to be conducted to lower 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 Gales Ferry have been received, and the Running Annual Average is in compliance, and no OEL report is required.
- Ledyard Center Pb/Cu samples were completed, and 90th percentile results are below the 0.015 mg/L lead Action Level; Gales Ferry sampling is work in progress.

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 along. Hydrant #206 back in service after the contractor had completed their work.
- 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.
- We are currently working on a quote for the install of a new master meter at 1761 Route 12.
- This month the Ledyard and Norwich interconnection was pressure and bacteria tested, both passed.
- Hydrant repairs are complete, a request will be submitted for the replacement of a few hydrants.
- Day to day Call Before You Dig, as well as routine check-ins on tanks and pump stations.