

**Town of Ledyard
Highlands W.W.T.F.
Plant Supervisor's Report
Meeting Date: April 23, 2024**

The goal of the plant staff is to efficiently collect and treat the wastewater and to produce the best quality effluent possible while maintaining the equipment and protecting the Town's assets.

- Univar conducted polymer jar testing on 3-19-24. After some practical trial runs it was determined that the Praestol 133 was not an effective polymer for this facility. Atlantic Coast Polymer ACP 67B is the best product for us. Unfortunately, due to several industry factors, it is expensive and getting more so every day. Will continue to explore other options.
- Flows are steadily decreasing from wet weather in December and January. Checked a few houses for sump pumps into sanitary sewers. Did not receive many responses to our survey.
- Portable trailer mounted 70 kW generator \$60,000, design/installation on Rotary Drum Thickener panel \$30,000, and HACH DR 3900 spectrophotometer \$6900.00 are other items we need if there is any ARPA \$\$ remaining.
- Waiting for revised quote from Weston& Sampson for phase II. This also includes project oversight.
- GU inquired about rain run-off into pressure reducing chamber at 49 Highland Drive. I notified Public Works and Building departments of this issue.
- Started adding sodium bicarbonate to sequencing batch reactors as we are expiring low alkalinity/ pH in basins.
- Having issues with Stenner chemical pump delivering potassium hydroxide to basins. Working with Stenner and USA Bluebook to troubleshoot problems.

Respectfully,

**Stephen W. Banks
Plant Supervisor**