



PUBLIC WORKS DEPARTMENT

Monthly Report

QUALITY, EFFICIENT SERVICE ON BEHALF OF RESIDENTS, LOCAL, REGIONAL, STATE AND FEDERAL AUTHORITIES

FEBRUARY 2020



Work included replacing old pumps with higher capacity pumps and providing modern control technology.

WPCF Capital Project Nears Completion

The Water Pollution Control Facility Effluent Pump Station Upgrade is expected to be finished by Spring. The station, on the Gary Court Treatment Plant site, pumps treated wastewater through a 5-mile pipeline to the Thames River. The original Pump Station was built in the mid-1980s and was nearing the end of its life cycle. An added benefit to the \$5.5 million project will be a reduction of potential 'bypasses,' or system overflows, into Fort Hill Brook caused by heavy rain or power outages. Carlin Contracting of Waterford began work in Sept. 2018.

BELOW > Top: Since the flow of wastewater never stops, a temporary system was setup during construction to divert the normal 3 million gallons per day. > Bottom: A new Control Room addition was built for the computerized process control system.



DEPARTMENT NEWS

⊕ TRANSFER STATION

Timmie Jackson was promoted from Equipment Operator to Transfer Station Working Leader. Jackson's placement adds another operator to the site as well as a point person to assist users of the Flanders Road facility and Welles Road Composting site. Jackson will be responsible for recyclable material handling quality control, crew safety, environmental compliance inspections, vendor work verification, & SCRRRA contract administration. He will also assist Roads & Streets Division Head Steve Post with scheduling and maintenance plans.



Jackson has 15 years' experience in Public Works, is a designated Road Master & a graduate of Grasso Tech.



EPCRA Tier II: What It Means to You

The EPA Emergency Planning and Community Right-to-Know Act (1986) helps communities plan for chemical emergencies. It requires towns and businesses to report on storage, use, and release of hazardous substances to federal, state, & local authorities and for governments to use the information to protect communities from risk.

Each February, the Town compiles data on its chemicals, quantities, locations, and potential risks for an annual March 1st reporting deadline. Hazardous substances are defined by the Occupational Safety & Health Act with info published on "Safety Data Sheets." The data is collectively the Town's "**Tier II Inventory**" and is sent to the State and Local Emergency Response / Planning Commissions (SERC & LEPC), as well as to local Fire Departments.

Groton's supplies include diesel & fuel oil for heating, generators, and equipment operation, treated salt for roads, and chemicals for sewage treatment at the Water Pollution Control Facility, Caustic Sodium Hydroxide (Lye) to dissolve grease and Calcium Nitrate (Double Salt) for odor prevention.

WPCF Upgrade
The original 1970 2000 kVA Main Power Distribution Center that powers the entire Treatment Plant was replaced and relocated above flood level.

AT RIGHT >
The new, smaller, more streamlined system

