

Seabrook Water & Sewer Department

PO Box 456
Seabrook, NH 03874
(603)-474-9921

MEMORANDUM

To: Board of Selectmen

Cc: William Manzi III; Town Manager

From: Curtis Slayton; Water & Sewer Superintendent

Date: January 14, 2021

Subject: Monthly Report for November 6th to Date

Below is a list of activities ongoing and completed by the Water & Sewer Department staff since the last report.

WATER

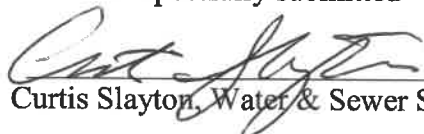
- Responded to 105 requests for service to include water turn on/off, inspections and meter repairs.
- Responded to 83 dig safe requests.
- 26,634,000 gallons of treated water was pumped into the distribution system in November and 26,464,000 gallons in December
- Worldwide Construction Corporation has halted the 286 tank work for the winter. The tank was completely abrasive blasted and primer coated. The tank was put back into service in the first part of December. Worldwide will return in the spring to do the painting.
- Reviewing the plans from T-Mobile to install cell equipment on the 286 tank.
- Meter reads were completed the first of every month.
- Groundwater levels are still down from last year. The levels still require voluntary water restrictions, but are coming up slowly.
- Painting inside gravel packed wells 3, 4 and 7
- Cleaned up the grounds around the wells
- Fence repair at Rockwell's 1-4
- Snow plowing around water department and some hydrants in town.
- Hydrant and curbstop repairs
- Small meter testing
- Bacteria samples were completed the first two weeks of the month

- Repaired an emergency water leak at 104 Railroad Ave. The water service was replaced under the road.
- GIS work is ongoing.
- Superintendent attended zoom and a site meeting in regards to the Weare land.
- Water Chief Operator attended NHDES video meetings on Covid-19, drought and other operational issues.

SEWER

- * Applied for USDA funding for wastewater treatment system upgrades.
- * Flow meters were calibrated throughout the system
- * Meeting on vertical assets at the WWTF with and Hoyle and Tanner engineering
- * Superintendent attended numerous video meetings to include USDA grant application, sea rise resiliency grant project. Home Land Security (HLS) camera grant project.
- * Two Ocean Blvd drainage station 12 inch check valves replaced. One pump rebuilt and reinstalled. The other pump was done last year.
- * Ordered new pump for River St. drainage station
- * Influent sampler was replaced under warranty.
- * New water storage tank for plant water system
- * Repaired manhole on Weare Rd. The inside was epoxy coated to stop deterioration.
- * Cleaned screens on outfall pumps
- * Snow removal at WWTF and pump stations
- * Assisted water department at the Railroad Ave. with water service line replacement.
- * Broken water line repaired in the lab.
- * Installed new grinder teeth in pump basement of the WWTF
- * Pump station repairs at Ledge Rd, Viola Way, Stard Rd, Mill Ln, Old New Boston Rd and Ocean Blvd.
- * Daily lab analysis and bio solids processing continue daily.
- * Replaced 100 feet of fiber optic cable to get the Sewer Department phones and computers back online.
- * Replaced the gravity belt on press #1

Respectfully submitted


Curtis Slayton, Water & Sewer Superintendent

SEABROOK WATER DEPARTMENT

Water Delivered

Year: 2020 Month: November

Gravel Packed Wells

1: 4,851,000

3: 0

7: 5,213,000

Plant: 16,570,000

Total: 26,634,000

Previous Month / Year Nov-19 Total 26,140,000

Previous Month / Year Nov-18 Total 27,175,000

Respectfully submitted: George M. Eaton Chief Op

Date: 12/4/2020

SEABROOK WATER DEPARTMENT

Water Delivered

Year: 2020 Month: December

Gravel Packed Wells

1: 3,500,000

3: 3,391,000

7: 596,000

Plant: 18,977,000

Total: 26,464,000

Previous Month / Year Dec-19 Total 26,092,000

Previous Month / Year Dec-18 Total 26,455,000

Respectfully submitted: George M. Eaton Chief Op

Date: 1/11/2021

SEABROOK WATER DEPARTMENT

Operational Statistics for Year: 2020

Water Delivered

Plant: 251,017,000
GPWs - 1, 3 & 7: 114,556,000
Total Pumpage: 365,573,000

% Change: 1.52%+ from: 2019 to: 2020
(year) (year)

Chemicals Used

Sodium Hypochlorite	<u>3,965.50</u>	gallons	<u>39,734</u>	pounds
Sulfuric Acid	<u>3,607.05</u>	gallons	<u>41,769</u>	pounds
Ferric Chloride	<u>307.6</u>	gallons	<u>4,706.28</u>	pounds
Potassium Hydroxide	<u>1,080.90</u>	gallons	<u>13,943</u>	pounds

Sludge Removed: 18,000 gallons

Annual amount of Rain: 39.49 inches

The Town Of Seabrook along with the State saw a moderate to severe water shortage. The Towns' water commissioners put a voluntary water ban in place. Upon recommendation of the Super and Chief Operator.

Respectfully Submitted,
George M. Eaton Chief Operator

Wastewater Pretreatment

Business verifications:

Verified 2 business location. Updated files with corrections/additional information.

Food Service Establishments:

Inspected 2 food service establishments' grease interceptors; zero Notice of Violations.

Inspections:

Conducted 2 inspections to ensure dischargers adhered to permit requirements.

Renewal Notices:

Issued 2 renewal notices to an existing business.

Business License Applications:

Approved all license applications submitted (110).

Other:

01/13/21 Participated in TRC Zoom meeting