

# 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: December 31, 2023

Subject: Monthly Report from September 6<sup>th</sup> to Date

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

### WATER

- Responded to 254 requests for service to include water turn on/off, inspections and meter repairs.
- Responded to 184 dig safe requests.
- 31,040,000 gallons of treated water was pumped into the distribution system in September, 28,815,000 gallons in October and 27,492,000 gallons in November.
- Meter reads were completed on the first of every month.
- Repaired water leak on RT 1 next to Hillside Cemetery.
- Held training on new meter testing equipment.
- Residential meter maintenance has finally restarted. Staff are working on testing meters that have been in service for over 10 years.
- Bacteria samples were completed in the first two weeks of the month.
- Grounds keeping around Water Treatment Facility and wells.
- Removed 16,000 gallons of sludge and delivered to Berwick Maine the week of 10/23.
- Yearly calibration of all the master meters at the WTF and wells.
- Hydrant painting continued through the fall.
- All the hydrants in town were pumped down for the winter season.
- Specific capacity test was completed on GPW 1 and BRW Wells 5.1 and 5.2
- The Lowery system (air stripper) was inspected in the water treatment facility.
- The antifreeze was changed in the well #5 generator.
- Turn offs for nonpayment of water/sewer bills have been completed.
- Seabrook Elementary 2 grade class trip to the Water Department.
- Inside painting at Gravel Packed Well 1, 3, 4 and 7

- 3<sup>rd</sup> quarter water and sewer bills went out at the end of October.
- Sample pump sent out for repair.
- Yearly observation well inspections completed.
- VFD at Well#2 was replaced due to failure.
- Cleaned chlorine injectors at treatment plant and wells.
- Chlorine pump was delivered to Bartlett & Brillon for repair.
- Curbstop repairs at 54 River Street and 508 Manchester St.
- Hydrant repair at 4 Ocean Blvd.
- Disk golf course 99% complete. Waiting for the final sign and course maps.
- Superintendent spoke at the seniors meeting at the Library on November 1
- Participated in Emergency Management Drill.

## SEWER

- \* 26 million gallons of wastewater treated in September, 24 million gallons in October, 23 November and 29 million in December.
- \* 84 tons of biosolids were sent out in September, 124 tons in October and 98 tons in November
- \* Monthly operation reports sent to NHDES and USEPA
- \* Daily lab work 7 days a week
- \* Grounds keeping at WWTF and pump stations to include brush cutting, mowing and leaves
- \* Weekly pump station checks
- \* Bio solids meeting with Casella to discuss land application and other disposal methods.
- \* Inspected fly wheel on pump truck and found it is missing some teeth. The fuel tank and tank straps were replaced due to a leak. The truck was serviced to include tires, brakes, and a new seat belt.
- \* We have accepted the only bid from Advantage Truck Group of Manchester for a new pump truck. \$157,271 with the trade in of our old truck and will take 250 days to arrive.
- \* We have accepted the lowest of 2 bids for the grit classifier from Russell Resources of Brewer Maine for \$74,591.00.
- \* Had radiator rebuilt for pump station generator as a spare.
- \* WWTF upgrades design plans and specs are 90% complete. They have been sent off to NHDES for approval.
- \* The Sewer Department helped with the water leak on Rt1.
- \* The cleaning of 65 simplex pump stations was completed.
- \* Pump station repairs at Causeway, Walton Rd, Old New Boston, Autumn Way ledge Rd Mill Ln, and Cross Beach.
- \* The dive team completed the required underwater inspection of the outfall diffuser. Video was sent to NHDES and EPA as required by our discharge permit.
- \* Continue to work with contractors constructing Aroma Joe's, Starbucks and 30 Centennial St.

- \* Replaced Floats in the Rocks Road meter pit.
- \* Replaced stub staff on rotor 1
- \* SCADA Upgrades of Radio's and PLCs at pump stations are 98% complete.
- \* Ran new ethernet cable at 286 pump station for SCADA upgrades
- \* Replaced batteries on all Wisconsin backup power systems.
- \* SCI replaced water pump on main generator at the WWTF
- \* Calibrated Influent flow meter.
- \* Ryan Eaton passed the grade II wastewater treatment exam.
- \* Merle and Syllas pass their CDL test for class B with tanker endorsement.
- \* Replaced circulator pump for heating system in the operations building
- \* Deep cleaned sludge process building.
- \* Daum and Syllas completed NHDES managers school in December.
- \* Replaced water pump on Rt 1A generator
- \* Calibrated biosolids scale on press conveyor.
- \* Painted lab cabinets
- \* 2 new soft starts installed at Centennial Pump station on 2 of the 3 pumps.

Respectfully submitted,

  
Curtis Slayton, Water & Sewer Superintendent

**SEABROOK WATER DEPARTMENT**

**Water Delivered**

Year: 2023      Month: Sept.

**Gravel Packed Wells**

1: 4,611,000

3: 5,231,000

7: 524,000

Plant: 20,674,000

Total: 31,040,000

Previous Month / Year Sep-22      Total 33,087,000

Previous Month / Year Sep-21      Total 33,108,000

Respectfully submitted: George M. Eaton Chief Op

Date: 10/2/2023

**SEABROOK WATER DEPARTMENT**

**Water Delivered**

Year: 2023      Month: Oct-23

**Gravel Packed Wells**

1: 4,492,000

3: 811,000

7: 2,620,000

Plant: 20,892,000

Total: 28,815,000

Previous Month / Year Oct-22      Total 30,249,000

Previous Month / Year Oct-21      Total 29,490,000

Respectfully submitted: George M. Eaton Chief Op

Date: 11/1/2023

**SEABROOK WATER DEPARTMENT**

**Water Delivered**

Year: 2023      Month: November

**Gravel Packed Wells**

1: 3,683,000

3: 4,596,000

7: 7,000

Plant: 19,206,000

Total: 27,492,000

Previous Month / Year Nov-22      Total 30,625,000

Previous Month / Year Nov-21      Total 26,634,000

Respectfully submitted: George M. Eaton Chief Op

Date: 12/5/2023