

Public Works/Water & Sewer Utilities Departments
Monthly Report for
October 2018

1. Administration

- 1.1 Went to TAC in Meredith.
- 1.2 Met with resident about sewer issue.
- 1.3 Had a meeting about watershed management plan for Winter Harbor.
- 1.4 Met with Capital Improvement Committee on 2019 project submittals.
- 1.5 Went to monthly construction meeting on Center Street Project with G.W. Brooks & Stantec Consulting.
- 1.6 Went to Library Construction meeting.
- 1.7 Met with Board of Selectmen for budget review for public works.
- 1.8 Met with business owner about Center Street Project.
- 1.9 Went to Technical Review Committee meeting with staff members.
- 1.10 Went to CIP committee meeting at Railroad Station.
- 1.11 Went to Department Head Staff Meeting.
- 1.12 Met with Dave Dedian from Woodard & Curran on Operations & Management of WWTP and other issues.
- 1.13 Met with business owner on sewer service within Center Street Project.
- 1.14 Worked with new Finance Director, Debbie and staff on budgets and expenditures.
- 1.15 Met on Center Street project with Stantec Resident Inspector Jonathan on issues.
- 1.16 Met out at Townsend Brook.
- 1.17 Met with Becky, Town Manager & Karen Duval from Primex.
- 1.18 Met with new owner about Canopache Road driveway for duplex.
- 1.19 RIB site visit with UNH students and Professor Jean Benoit.
- 1.20 Met with Pat Tarpey about 319 Grant for Tuftonboro for Winter Harbor.
- 1.21 Met with Ben Lunstead & Julie Brown from Comprehensive Environmental Inc. at Townsend Brook.

2. PW Garage

- 2.1 Complete service on HD-8
- 2.2 Complete service on HD-13
- 2.3 Complete service and hydraulic lined on HD-15
- 2.4 Road call, Replaced hydraulic line on HD-5
- 2.5 Replaced hydraulic line on rental excavator
- 2.6 NHSI, installed running boards, rain guard and floor mats on NEW WS-5
- 2.7 Road call replaced all brake lines and 1 u-bolt on HD-10
- 2.8 Replaced fuel filter on HD-1
- 2.9 Complete service and 4 used snow tires on PD-309
- 2.10 Barometric pressure sensor for check engine light on 9-E-3
- 2.11 Complete service and 4 used snow tires on PD-306

- 2.12 Complete service and 4 used snow tires on PD-307
- 2.13 Complete service and 4 used snow tires on PD-303
- 2.14 Complete service, blower motor and resister on SW-7
- 2.15 Replaced blower motor resister and blend door motor on HD-4
- 2.16 Replaced hydraulic hose on rental excavator
- 2.17 Reinstalled rear fenders on HD-1
- 2.18 Road call replaced hydraulic hose on HD-15
- 2.19 Replaced 2 front tires, repaired on-spots on HD-2
- 2.20 Diagnosis no start on D-12
- 2.21 Painted wing, replaced trip spring for HD-8
- 2.22 Road call replaced gate valve on HD-4
- 2.23 Replaced batteries, air dryer, and fuel filter on 9-E-1
- 2.24 Mount and balance 4 rear tires on HD-9
- 2.25 Replaced pull cord and handle on HWY plate compactor
- 2.26 Added air fitting on HD-7
- 2.27 Replaced bled door motor on SW-7
- 2.28 Replaced marker light on HD-7
- 2.29 Complete service and rear brakes on WS-3
- 2.30 Replaced marker light on HW trailer
- 2.31 Replaced rear u-joints and center bearing on HD-8
- 2.32 Replaced steering shaft, installed headgear and fixed dog house on HD-3
- 2.33 Installed spreader on HD-9
- 2.34 Installed spreader on HD-11
- 2.35 Installed spreader oh HD-6
- 2.36 NHSI, rear brakes, rear shocks, front sway bar oh D-12(old ws5)
- 2.37 M&B 4 rear tires, blend door motor, installed headgear, and on spots on HD-7
- 2.38 Complete service replaced LF inner axle bearing and seal on M-1
- 2.39 Replaced 3 batteries on HD-2

3. Highway

- 3.1 Started reconstruction of North Wolfeboro Road
- 3.2 Slope work on new pavement on-going
- 3.3 Added gravel to dirt roads and repaired washouts
- 3.4 Started reconstruction of Martin Hill Road
- 3.5 Added crushed gravel to low shoulders town-wide
- 3.6 Assisted Fleet division with extensive vehicle and equipment maintenance
- 3.7 Pothole repairs
- 3.8 Storm clean-up from wind damage 10/16/18
- 3.9 Responded to (18) requests for service
- 3.10 Sign installations
- 3.11 Ditch cleaning (leaves and high water table)
- 3.12 Winter maintenance on 10/27/18, had to treat all higher elevations

3.13 The majority of the highways division's time was spent on preparing for the new paving. This task used up half of the crew full time for weeks. We also had to prepare these new paved roads for winter maintenance to include raising all drainage structures on Trotting Track Road.

4. **Solid Waste**

Sent out

- 12 Compactors of MSW
- 11 Demo containers
- 4 Metal containers
- 32 bales of cardboard
- 28 ton of shingles
- 28 bales of mixed paper
- Tire container

Baled

- 32 cardboard
- 14 mixed paper
- 9 plastic
- 4 tin
- 4 aluminum

Barrel pickup

Assist with HHW

Assist library with cleaning out

Took in 12 Town trash barrels

5. **WWTF**

5.1. **Regular O & M**

- a. Plant Influent and Effluent were tested to monitor quality of plant effluent.
- b. Certified laboratory analysis continued for the Plant, Pond, and Spray Area sampling locations.

5.2. **Plant Projects**

- a. Continued entering data into the HACH WIMS and SEMS database systems.
- b. Contractor mowed pond's dam and field.
- c. Contractors installed new buried air pipe, and two gate valves for sludge tanks.
- d. Continued Spray Areas pipeline repairs.
- e. Contractor mowed Spray Area #2, lower part of Spray Area #4, and half pipe behind pond.
- f. 5,671,600 gallons were pumped to the Spray Areas during the month of October.

5.3. **RIB Operation**

- a. Put RIB system on-line this month and 797,900 Gallons were pump to the RIBs.
- b. Continued to monitor the RIB site.

5.4. Completion of Out of Scope work

5.5. Plant Flows vs. Rainfall

Wolfeboro WWTP Effluent / Rainfall			
Year to Date thru end of October			
Year	Effluent (M Gallons)	Ave Effluent Flow YTD (Gallons/Day)	Rainfall YTD (Inches)
2018	86.566	284,757	38.09
2017	90.927	299,102	45.05
2016	73.912	243,132	32.57
2015	79.110	260,230	32.12
2014	95.588	314,434	38.97
2013	101.674	334,454	39.37
2012	85.483	281,194	36.61
2011	118.270	389,046	49.98
2010	111.301	366,122	37.92
2009	125.823	413,891	43.75

6.0 WTP

- 6.1 Routine operations and maintenance
- 6.2 Routine bacterial sampling and TOC sampling
- 6.3. Superintendent attended training at NHDES Franklin facility
- 6.4 Operators attended NHDES Expo in Concord
- 6.5 Two Operators took exams to upgrade their licenses
- 6.6 Meet with Fence/Gate companies for quote
- 6.7 1,500 gallon Iron Free Alum delivery
- 6.8 Replace pacing cable for CFE cl2
- 6.9. Superintendent met with Brewster Academy reps. Re SB 247 testing
- 6.10 Clean colorimeters
- 6.11 Solicited quote from Milton CAT to repair generator
- 6.12 Information gathering for upcoming NHDES sponsored energy audit
- 6.13 Started wood pellet boilers
- 6.14 AST tester research
- 6.15 4.01” of precipitation for the month
- 6.16 Delivered 12,604,200 gallons to distribution
 - YTD 2018 136,312,300 ADF 448,396
 - YTD 2017 120,676,600 ADF 396,963

7.0 Water & Sewer

- 7.1 Monthly meter reading
- 7.2 Repair water leak at 29 Elm Street
- 7.3 Vac out all pump stations and syphons
- 7.4 Hydrant flushing
- 7.5 Repaired 2 hydrants
- 7.6 Helped repair leak at Sugar Hill Retirement Community
- 7.7 Backflows
- 7.8 New sewer service at house beside Doran Insurance on Center Street
- 7.9 New sewer line and tapped main at mini golf on Center Street
- 7.10 New water service at 168 Center Street
- 7.11 240 south main water leak. At least 25,000 gallons
- 7.12 Repaired hydrant on end of Varney Road
- 7.13 Repaired hydrant at 99 Forest Road
- 7.14 Cut tree on road at RIB site