



## MONTHLY REPORT February 2021

Below is a summary of the Ayer DPW's operations for the month of February. The Ayer DPW provides critical essential services to the Town of Ayer including water supply, wastewater collection and treatment, road safety, solid waste disposal, vehicle and equipment repairs and business operations.

Below is a summary of our monthly work project status and a summary of monthly work orders completed.

### **Engineering and Administration**

- Working on 25% Main Street Transportation Improvement Project Design
- Submitted Pre-application for MVP Action Grant
- Engineering and project management for West Main Street MassWorks Grant.
- Completed updates for Road Opening and Driveway / Accessway Regulations
- Worked with Rate Review Committee to develop new water, sewer and solid waste rates and fees.
- Worked with Planning Board to review Panther Way Subdivision
- Worked with Planning Board to review McDonalds site plan
- Subdivision inspections – Woodland Way, Trevor Trail and Littleton Rd.
- Advertised bids for Wright Road Water Main Upgrade project
- Started construction of WWTP Alum Chemical Pacing Improvements
- Coordinating construction of East Main Street Upgrade (MassDOT).
- Working on Water Master Plan Update Report.
- Construction coordination for Spectacle Pond Wellfield PFAS Treatment Plant.
- Working on Spectacle Pond Well1A Replacement
- Cleaned a redeveloped Grove Pond Well 6
- Construction management of the Groton Shirley Road Water and Sewer Improvements.
- Advertised bids for FY21 Sewer System Rehab project.
- Input water and wastewater equipment maintenance data into CMMS system
- Meeting with EPA to review IPP Program and permit requirements
- Quarterly water and sewer bills were prepared and sent out for 2 routes.
- Processed and approved Road Opening Permits, Trench Permits and Water & Sewer Connection Permits.

### **Highway / Stormwater Division**

- 3 Plowing events Feb 7, 9, 19
- Removed debris / beaver blockages from culverts throughout Town
- Installed new signs and / or repaired existing signs at various locations in town
- Equipment and vehicle maintenance
- DPW garage / facility maintenance
- Trash and recycling pickup at numerous locations in town

- Completed DIGSAFE mark-outs

### **Wastewater Division**

- Upgraded SCADA Cybersecurity
- All NPDES permit requirements were in compliance for the month
- Contractor hauled sludge
- Cleaned UV Disinfection units
- Performed mechanical maintenance on pump stations
- Backwashed filter units
- Repaired Wastewater Division trucks
- Performed daily inspections of wastewater pumping stations
- Performed daily operations, laboratory testing and reporting for WWTP
- Completed DIGSAFE mark-outs
- Completed and submitted Monthly Operations Report for DEP and EPA

### **Water Division**

- Upgraded SCADA Cybersecurity
- PFAS Treatment plant operations
- Added data to H2O Water Reporting software and submitted monthly reports to MADEP
- Maintenance of chemical feed systems at Grove Pond WTP
- Maintenance of chemical feed systems at Spec Pond WTP
- Continued radio water meter installations throughout Town
- Completed required DEP monthly coliform and chlorine sampling
- Completed meter readings and assisted customers with leak evaluations and dirty water issues
- Completed DIGSAFE mark-outs
- Normal water treatment duties including daily testing and reports, chemical adjustments, equipment

maintenance

### **Solid Waste Division**

- Normal transfer station operations including site clean-up, organization and monthly reports
- Lots of leaves this fall
- Working with organic food waste collection operation
- Coordinated solid waste / recycling disposal including waste oil, scrap metals, textiles
- Purchased new bulk plastic trailer
- Closed “Take it or Leave it” shed in response to emergency declaration

### Monthly Work Order Summary

41	west main st	Pot Hole	2/9/2021	Highway	Big pothole filled with 4 bags of cold patch
10	Fox Run Dr	Dig-Safe - Wastewater	1/25/2021	Dig Safe	Dig Safe Mark-out
25	Copeland Drive Location is Pepsi Corp.	Dig-Safe - Wastewater	1/28/2021	Dig Safe	Dig Safe Mark-out
25	Copeland Drive Location is Pepsi Corp.	Dig-Safe - Water	1/28/2021	Dig Safe	Dig Safe Mark-out
14	Oak Street	Dig-Safe - Wastewater	1/28/2021	Dig Safe	Dig Safe Mark-out
114	Pleasant Street	Dig-Safe - Highway	2/3/2021	Dig Safe	Dig Safe Mark-out
114	Pleasant Street	Dig-Safe - Wastewater	2/3/2021	Dig Safe	Dig Safe Mark-out
114	Pleasant Street	Dig-Safe - Water	2/3/2021	Dig Safe	Dig Safe Mark-out
1	Bishop Road Nashua River Rail Trl	Dig-Safe - Highway	2/9/2021	Dig Safe	Dig Safe Mark-out
8	High Street	Dig-Safe - Highway	2/10/2021	Dig Safe	Dig Safe Mark-out
8	High Street	Dig-Safe - Wastewater	2/10/2021	Dig Safe	Dig Safe Mark-out
8	High Street	Dig-Safe - Water	2/10/2021	Dig Safe	Dig Safe Mark-out
2	Barnum Road	Dig-Safe - Highway	2/10/2021	Dig Safe	Dig Safe Mark-out
2	Barnum Road	Dig-Safe - Wastewater	2/10/2021	Dig Safe	Dig Safe Mark-out
2	Barnum Road	Dig-Safe - Water	2/10/2021	Dig Safe	Dig Safe Mark-out
16	Park Street Dunkin Donuts	Dig-Safe - Highway	2/22/2021	Dig Safe	Dig Safe Mark-out
16	Park Street Dunkin Donuts	Dig-Safe - Wastewater	2/22/2021	Dig Safe	Dig Safe Mark-out
50	Main Street - Med Shop	Dig-Safe - Highway	2/23/2021	Dig Safe	Dig Safe Mark-out
50	Main Street - Med Shop	Dig-Safe - Wastewater	2/23/2021	Dig Safe	Dig Safe Mark-out
50	Main Street - Med Shop	Dig-Safe - Water	2/23/2021	Dig Safe	Dig Safe Mark-out
25	East Main Street	Dig-Safe - Highway	2/25/2021	Dig Safe	Dig Safe Mark-out
25	East Main Street	Dig-Safe - Wastewater	2/25/2021	Dig Safe	Dig Safe Mark-out
114	Pleasant Street	Dig-Safe - Wastewater	2/26/2021	Dig Safe	Dig Safe Mark-out
25	Brook Street	Snow Plowing	2/20/2021	Highway	47 Grove St residents complained salt of road. Went down salted and cleaned it p.
14	Brook Street	Project Inspection	2/26/2021	Engineering	Dan V inspected several roads where PCI in Predictor database may need to be updated on February 23.
8	Groveland Street	Misc Street Maintenance	2/16/2021	Highway	Needs drainage cleared end of road. Lots of water.
14	Brook Street	Site Inspection	2/3/2021	Engineering	Did a site inspection of the Pleasant Street extension checked curbing and drainage
75	Sandy Pond Road	Complaint/Investigation - Water	2/16/2021	Water	Carol Casey called stating that her water is very brown.
0	Barnum Road	Bag Filter	2/11/2021	Water	Changed bag filters at Grove
0	Barnum Road	Air Scour	2/11/2021	Water	Air scoured filter 1 at Grove on 1/29/21

0	Barnum Road	Air Scour	2/11/2021	Water	Air scoured filter 2 at Grove on 1/29/21
0	Barnum Road	Air Scour	2/11/2021	Water	Air scoured filter 3 at Grove on 2/3/21
0	Barnum Road	Air Scour	2/11/2021	Water	Air scoured filter 4 at Grove on 2/3/21
0	Barnum Road	Air Scour	2/11/2021	Water	Air scoured filter 5 at Grove on 2/4/21
0	Barnum Road	Air Scour	2/11/2021	Water	Air scoured filter 6 at Grove on 2/4/21
0	Barnum Road	Air Scour	2/11/2021	Water	Air scoured filter 4 at Grove on 2/5/21
0	Barnum Road	Air Scour	2/11/2021	Water	Air scoured filter 1 at Grove on 2/11/21
0	Barnum Road	Bact-T Sampling	2/11/2021	Water	Bacteria sampling for wells and plants on 2/9/21
0	Barnum Road	Chemical Adjustments	2/11/2021	Water	Adjusted KMnO4 and Cl2 pre pumps on 2/10/21 at Grove
0	Barnum Road	Instrumentation Calibration	2/11/2021	Water	Calibrated bench top pH probe
0	Barnum Road	Lab	2/11/2021	Water	Lab for Grove finish, midpoint, and raw
0	Barnum Road	Lab	2/11/2021	Water	Lab for spec finish
0	Barnum Road	Bag Filter	2/19/2021	Water	Changed grove bag filter pod 1
0	Barnum Road	Chemical Adjustments	2/19/2021	Water	Changed dosages for wells 6 and 8
0	Barnum Road	Water Quality Sampling	2/19/2021	Water	Sampled chloride and sulfate for pre aix and post aix
0	Barnum Road	Water Quality Sampling	2/19/2021	Water	Stain test for bag filter 1
0	Barnum Road	Air Scour	2/23/2021	Water	Air scoured Grove filter 1.
0	Barnum Road	Bag Filter	2/23/2021	Water	Changed bag filter pod 1 bags
0	Barnum Road	Chemical Adjustments	2/23/2021	Water	Adjusted Grove pond dosages to reflect well 6 run time
0	Barnum Road	Lab	2/23/2021	Water	Finish water labs for both plants
0	Barnum Road	Lab	2/23/2021	Water	Raw water lab for Grove
0	Barnum Road	Instrumentation Calibration	2/23/2021	Water	Calibrated pH probe at Grove
0	Barnum Road	Misc Water Work Order	2/23/2021	Water	Created new worksheet for Grove daily data recording
0	Barnum Road	Misc Water Work Order	2/23/2021	Water	Created new lab worksheet to reflect raw and finish labs from both plants, and Grove pond post greensand, pre ion exchange
52	Grove Street	Water Tank Inspection	2/24/2021	Water	Tank inspection for Pingry Tank. Climbed tank.

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52	Grove Street	Water Tank Inspection	2/24/2021	Water	Inspected Washington St. tank. Climbed tank