



MONTHLY REPORT August 2018

Below is a summary of the Ayer DPW's operations for the month of August. In addition to the items below, there are many ongoing projects in various stages that the DPW staff are involved with. If additional detail or information is needed, please let us know.

Please note that in addition to a summary of our monthly work order report, we have attached a DPW project status report.

Engineering and Administration

- The second session of the 2018 YouthWorks program started. The crew painted hydrants, painted and cleaned the wastewater pumping stations, planted 8 trees in Town, landscaped the new DPW building.
- Process Dig Safe Requests
- Working with Recreation Department on Perone Park garage and storage building
- High Street Culvert replacement under construction
- Working with MassDEP, EPA and Devens on the PFAS Water Quality issue at Grove Pond Wells.:
 - Completed rapid column testing
 - Working with MassDEP and EPA on funding
 - Submitted SRF application for funding
- Received bids for Solid Waste and Recycling Contract
- Solicited quotes for Water Tank Mixing System
- Solicited quotes for Water Tank Inspection
- Designed Utility Improvements for Depot Square, to be bid by MART
- Completed Barnum Road Water Main Design
- Completed construction of Ayer Dog Park
- Working on Stormwater NOI
- Construction Administration for Pearl Street Water and Sewer Improvements
- Working with Planning Department on updating subdivision regulations
- Coordinating design of West Main Street Bridge Improvements
- Began implementing on-line permitting program
- Construction coordination for Wastewater Treatment Plant Improvements – Phase 1 (Safety / Code related)
- Began design of Wastewater Treatment Plant Improvements – Phase 2
- Managing meter upgrade project including emphasis on commercial meters
- Enforcing Water Conservation restrictions
- Quarterly water and sewer bills were prepared and sent out for 3 routes
- Sold Transfer Station permits and PAYT bags
- Reviewed and responded to questions and issues related to water and sewer bills
- Processed and approved Road Opening Permits, Trench Permits and Water & Sewer Connection Permits

Highway / Stormwater Division

- Completed improvements to Sculley Road
- Mowing town grounds
- Repaired catch basins
- Weed whacking main streets in Town
- Paved potholes, shoulders and utility trenches throughout town
- Installed new signs and / or repaired existing signs at various locations in town
- Street sweeping of main roads on a weekly basis
- Equipment and vehicle maintenance
- DPW garage / facility maintenance
- Trash and recycling pickup at numerous locations in town
- Completed DIGSAFE mark-outs

Wastewater Division

- Replaced Comminuter at Main Pumping Station.
- Inspections of sewer manholes for Inflow / Infiltration study
- All NPDES permit requirements were in compliance for the month
- Total flow for the treatment plant was 50 million gallons with an average of 1.60 mgd and a maximum of 2.28 MGD
- Contractor hauled 27 loads of sludge
- Performed mechanical maintenance on pump stations
- Backwashed filter units
- Repaired Wastewater Division trucks
- Repaired sewer jetter
- 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

- Had positive Total Coliform at Washington St Tank requiring extensive flushing, disinfection and retesting
- Cleaned and redeveloped GP Well 7
- Added data to H2O Water Reporting software and submitted monthly reports to MADEP
- Enforced water conservation restrictions
- 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

**2018 ANNUAL PUMPING REPORT FOR THE
AYER DPW WATER DIVISION**

From: 2018-08-01 To: 2018-08-31

Annual Statistical Data	Well 1A - Spectacle Pond	Well 2 - Spectacle Pond	Well 6 - Grove Pond	Well 7 - Grove Pond	Well 1 - Grove Pond		Source Totals
Total Days Pumped - August 2018	31	0	31	31	31		31
Total Pumpage (MG) - August 2018	14.700		9.418	5.691	5.200		53.037
Total Pumping Days	31	0	31	31	31		31
Total Pumpage (MGY)	14.700		9.418	5.691	5.200		53.037
Average Daily Pumpage (MGD)	0.474		0.304	0.184	0.168		1.711
Maximum Daily Pumpage (MGD)	0.573		1.540	0.663	14.377		2.332
Maximun Daily Pumpage (Date)	2018-08-11		2018-08-30	2018-08-05	2018-08-13		2018-08-05
Maximum Week Pumpage (MGW)	0.000		0.000	0.000	0.000		0.000
Maximum Week Pumpage (Date)	2018-08-01		2018-08-01	2018-08-01	2018-08-01		2018-08-01

Solid Waste Division

- Normal transfer station operations including site clean-up, organization and monthly reports
- Completed annual inspections
- Working with organic food waste collection operation
- Brush chipping and hauling to brush dump / compost area off Bishop Road
- Coordinated solid waste / recycling disposal including waste oil, scrap metals, textiles