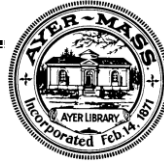


# DEPARTMENT OF PUBLIC WORKS

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Mark L. Wetzel, P.E., Superintendent  
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## MONTHLY REPORT September, 2015

Below is a summary of the Ayer DPW's operations for the month of September. 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.

### **Engineering and Administration**

- Awarded Transfer Station Site Improvements Contract
- Awarded Washington Street water main and drainage replacements Contract
- Working on GIS mapping and condition assessments of drainage system
- Final review of East Main Street Water and Sewer Upgrade design for approval and bidding
- Coordinated/inspected/ reviewed projects for Planning Board including Shop and Save, Family Dollar, 15 Littleton Road, 215 West Main St, Borrego Solar, NGrid gas main on Park Street, Catania Spagna Easements and water / sewer relocations
- Prepared and presented Comprehensive Plan introduction to Committee
- Held Public Meeting on East Main Street Improvement Project
- Working on site design of West Main Street Pumping Station
- Design of Water Division Garage
- Design of Fuel Station Canopy
- Construction coordination for Pingry Hill Water Tank
- Working on final design of Pleasant Street CDBG grant improvement project
- Managed meter upgrade project including scheduling and computer account changes
- Quarterly water and sewer bills were prepared and sent out
- Processed and approved Road Opening Permits, Trench Permits and Water & Sewer Connection Permits

### **Highway Division**

- Paved Central Avenue ( Chapter 90)
- Backfilled road shoulders on Groton Harvard Road and Copeland Drive
- Repaired / rebuilt 2 catch basins
- Paving around catch basin / manhole / drain projects
- Repaired pot holes throughout town
- Installed 6 new signs throughout town
- Demolished and removed love shack on DPW property
- Weed whacking sidewalks on East Main Street
- Brush and weed cutting on road shoulders on main streets and intersections
- Street sweeping on Main Street, East Main Street and other main roads throughout Town
- Performed beaver dam debris removal at the usual locations
- Pruned bushes and trees at Carlton Circle Rotary

Mark Wetzel P.E., Public Works Superintendent

- Installed drainage swale and graded Wagon Road
- Graded Groveland Street
- Mowing of Rotary, Town Hall, Police Station, Sandy Pond School and roadways
- Equipment and vehicle maintenance
- Trash and recycling pickup at numerous locations in town
- Completed large number of DIGSAFE mark-outs

### **Water Division**

- Maintenance of chemical feed systems at Grove Pond WTP
- Maintenance of chemical feed systems at Spec Pond WTP
- Painted fire hydrants
- Repaired water leak at Rosewood Ave
- Repaired service leak on Washington Court
- Replaced water service at 4 Victor Dr.
- Cleaned water services at 5A Shirley St and 40 Highland Ave
- Replaced 2 hydrants on Central Ave.
- Numerous inspections Family Dollar, 205 W. Main for demolition
- Contractor integrating SCADA and KOH systems at Spec Pond WTP
- Replaced hydrant Mark St
- Replaced water service 35 Pearl St
- Repaired line gate box tops for paving of Central Ave
- 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

### **Wastewater Division**

- Total flow for the treatment plant was 32.6 million gallons with an Avg. of 1.087 mgd with an overall solids removal rate of 99.6%
- Contractor hauled 27 loads of sludge for a total of 243,000 gals which averaged out to around 66,068 pounds of solids.
- Jetting and video inspection of sewer lines at Scully, Markham, Williams, and Cambridge Streets.
- New brake pads and tires were replaced on Ford, the utility truck got new brake pads and front tires and the Chevy Silverado was serviced with new pads, rotors, oil change and four new tires.
- Bennett's Brook and Pond View #2 Stations washed and painted.
- Approximately 85 dig safes were done
- Performed mechanical maintenance on 6 pump stations, including pulling pumps and inspecting bearings and seals, plus replacing vacuum lines and cleaning or replacing globes.
- Pumped out all debris from 17 wet wells for semiannual maintenance.
- Began construction of Stony Brook Pumping Station

- Back flushed Force main at Stoney Brook
- Performed maintenance on aeration blowers (4) including replacing filters and belts, plus changing oil and greasing.
- Performed maintenance on clarifier drives including oil, grease, and replacing seals.
- Washed down secondary clarifiers and outfall, cleaning of tertiary fitters and UV system.
- Performed daily inspections of wastewater pumping stations
- Performed daily operations, laboratory testing and reporting for WWTP
- Completed 85 DIGSAFE mark-outs
- Completed and submitted Monthly Operations Report for DEP and EPA

**Solid Waste Division**

- Installed water and sewer service to Transfer Station Office Trailer
- Normal transfer station operations including site clean-up, organization and monthly reports
- Brush chipping and leave hauling to brush dump / compost area off Bishop Road
- Coordinated solid waste / recycling disposal including waste oil, scrap metals, textiles