



MONTHLY REPORT

July 2017

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

- Active involvement in Comprehensive Plan Committee. Completed work on the Transportation Workgroup section of the plan
- Completed construction of Water Division Garage
- Working on bid documents for Fuel Station Canopy
- Completed permitting for Wright Road / Sandy Pond Road water main and advertised for bids
- Completed Design for DPW Administration Building
- Working on negotiations for solar lease project at Town landfills
- Working on LED Streetlight Upgrade Design
- Completed Construction of Pleasant Street CDBG grant improvement project
- Completed BMP improvements at Pirone Park and Oak Ridge Drive
- Completed storm drain Improvements on Washington Street
- Completed Parking Management Study
- Completed Pavement Management Report Update
- Procured new wastewater sludge hauling contract
- Began construction of Spec Pond Well 2 Replacement Well
- Started design of West Main Street Bridge Improvements
- Defined scope of work for Wastewater Treatment Plant Improvements – Phase 1 (Safety / Code related)
- Began implementation of food waste collection for transfer station
- Completed sewer inflow and infiltration study – phase 1
- Managed meter upgrade project including scheduling and computer account changes
- Quarterly water and sewer bills were prepared and sent out for 2 routes
- Sold Transfer Station permits and PAYT bags
- Continuing implementation of Maintenance Edge Work Order Management System for WWTP and WTPs by adding scheduled equipment maintenance to the database
- Working with Town Administrator and MART on Rail Access and Commuter Parking Lot
- Reviewed and responded to questions and issues related to water and sewer bills
- Reviewed several subdivision / site plans for the Planning Board
- Processed and approved Road Opening Permits, Trench Permits and Water & Sewer Connection Permits

YouthWorks Program

- Set up and began Ayer DPW Youthworks program
- Hire YouthWorks Supervisor
- Worked with 4 teenagers for the month on projects including hydrant painting, building and structure painting at WWTP, roadside weed clearing, vehicle maintenance
- Worked with Fire Department
- Had Fidelity Bank meet with kids to discuss personal finance

Highway / Stormwater Division

- See specific work order tasks attached **Work Order Summary**
- Repaired pot holes and shoulders throughout town
- Installed new signs and / or repaired existing signs at various locations in town
- Repaired catch basins
- Continued town-wide street sweeping with new street sweeper
- DPW garage / facility maintenance
- Equipment and vehicle maintenance
- Trash and recycling pickup at numerous locations in town
- Completed DIGSAFE mark-outs

Wastewater Division

- See specific work order tasks attached **Work Order Summary**
- All NPDES permit requirements were in compliance for the month
- Total flow for the treatment plant was 40 million gallons with an average of 1.30 mgd and a maximum of 1.7 MGD
- Contractor hauled 23 loads of sludge
- Implemented Mobile311 into daily Pumping Station maintenance
- Implemented Maintenance Edge into WWTP maintenance work orders
- Performed mechanical maintenance on pump stations
- Backwashed filter units and cleaned UV system
- Repaired Wastewater Division trucks
- Jetting and cleaning of sewer blockage at various locations in town
- 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

- See specific work order tasks attached **Work Order Summary**
- Worked with ASRSD to monitor lead and copper at Page Hilltop School
- 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
- Enforced Water Conservation Restrictions

Annual Statistical Data	Well 6 - Grove Pond	Well 7 - Grove Pond	Well 8 - Grove Pond	Well 1A - Spectacle Pond	Well 2 - Spectacle Pond		Source Totals
Total Days Pumped - July 2017	30	30	29	30	30	0	31
Total Pumpage (MG) - July 2017	12.564	8.776	5.799	10.808	9.198	0	48.010
Total Pumping Days	30	30	29	30	30	0	31
Total Pumpage (MGY)	12.564	8.776	5.799	10.808	9.198	0.000	48.010
Average Daily Pumpage (MGD)	0.405	0.283	0.187	0.349	0.297	0.000	1.549
Maximum Daily Pumpage (MGD)	1.064	0.503	0.464	0.808	1.191	0.000	2.168
Maximum Daily Pumpage (Date)	2017-07-28	2017-07-28	2017-07-28	2017-07-24	2017-07-12		2017-07-28
Maximum Week Pumpage (MGW)	3.528	2.692	1.797	3.075	3.227	0.000	11.686
Maximum Week Pumpage (Date)	2017-07-23	2017-07-02	2017-07-28	2017-07-19	2017-07-06		2017-07-16

Solid Waste Division

- Normal transfer station operations including site clean-up, organization and monthly reports
- grants agreements for organic food waste collection and mattress recycling
- Cleaned up brush dump to begin screen loam
- Leaf hauling to brush dump / compost area off Bishop Road
- Coordinated solid waste / recycling disposal including waste oil, scrap metals, textiles

Monthly Work Orders Completed – By Division

99	Barnum Road	Field Meeting - Engineering	7/21/2017 9:01	Engineering	Garage - On 07-19-2017 Dan meets Tom McPherson of AD Instruments to go over multi-gas system.
0	Woodland Way	Inspection - Highway	7/17/2017 8:00	Engineering	Inspect road subbase and grade on 7-17
	Woodland Way	Inspection - Highway	7/12/2017 8:40	Engineering	Inspect roadway paving operation on July 18- binder only. Sunshine Paving is contractor
	Woodland Way	Inspection - Highway	7/12/2017 8:38	Engineering	Inspect road subbase and grade on 7-17
10	Harvard Rd	Misc Water Work Order	7/12/2017 8:35	Engineering	Remove USDA Construction Sign in the "triangle"
0	shaker Rd	Misc Street Maintenance	7/7/2017 13:47	Highway	Put rip rap in holes on side of road from washout
9	Main St	Main St Trash	7/28/2017 7:00	Highway	Main St and Town Hall Friday trash pickup
9	Main St	Street Sweeping	7/28/2017 6:59	Highway	Friday sweeping of the Main St
2	Littleton Rd	Mowing	7/26/2017 7:13	Highway	Guys are mowing the rotary area

64	Washington St	Dig-Safe - Highway	7/21/2017 13:29	Highway	Mark out 64 Washington St Nat'l Grid
13	Central Ave	Edging & Trimming	7/12/2017 7:43	Highway	Bruce did road side brush cutting with MB
11	Newton St	Mowing	7/12/2017 7:40	Highway	The guys mowed the Town Hall
4	Pearl St	Edging & Trimming	7/12/2017 7:13	Highway	Bruce did road side brush cutting with MB
32	Pleasant St	Complaint/Investigation - Stormwater	7/11/2017 12:21	Highway	Watching Riccardi Bros contractor doing drainage a roof drain repair and tie it into Main Street drain on Pleasant St
7	Groton St	Mowing	7/11/2017 7:26	Highway	The guys mowed the rail trail
100	Groton Harvard Rd	Edging & Trimming	7/11/2017 7:21	Highway	Bruce did road side brush cuttings with the MB
2	Littleton Rd	Mowing	7/11/2017 7:16	Highway	The guys mowed rotary area
146	Sandy Pond Rd	Mowing	7/11/2017 7:11	Highway	The guys mowed Little Red School house
82	Pleasant St	Dig-Safe - Highway	7/11/2017 6:31	Highway	Mark out for Emergency dig safe for grid call in
60	Park St	Edging & Trimming	7/11/2017 6:26	Highway	The guys are cutting brush down at police station on the side of the new added parking area
25	Wright Rd	Crack Sealing	7/20/2017 8:24	Highway	rain running in to driveway is damaging driveway-would like street patched at end of driveway
3	Sedgeway St	Crack Sealing	7/17/2017 12:37	Highway	road has washed out with all the rain
8	Hemlock Dr	Dig-Safe - Highway	7/17/2017 10:37	Highway	Installing stone wall Jerry Croteau 978-467-4480
55	Littleton Rd, unit 27C	Dig-Safe - Highway	7/17/2017 10:25	Highway	Install fence post @ rear of unit Rebecca Opel 978-621-9040
114	E Main St	Dig-Safe - Highway	7/17/2017 8:55	Highway	test pit Lauren: 781-793-0074
	corner of Washington & Groton Harvard	Misc Debris Removal	7/17/2017 7:42	Highway	mattress dumped per Ayer Police
147	Sandy Pond Rd	Misc Street Maintenance	7/17/2017 7:38	Highway	Resident requests that storm drain be cleaned.
60	Willard St	Misc Street Maintenance	7/13/2017 12:01	Highway	would like broken berm repaired/replaced to keep rain out of driveway
20	Williams St	Dig-Safe - Highway	7/7/2017 7:48	Highway	Dig Safe 20 Williams
71	Hickory Way	Dig-Safe - Highway	7/31/2017 9:32	Highway	Remove & replace driveway Extent of work street to house. Area is pre-marked. Caller: Bob 978-264-0044 Start date: 8/3/17.
47	Highland Ave	Dig-Safe - Highway	7/28/2017 7:37	Highway	Installing irrigation system. Working entire property. Area is pre-marked.

					Caller: Jim Powell 603-490-1864 Start date: 8/1/17
	Bishop Rd	Dig-Safe - Highway	7/27/2017 7:59	Highway	Repairing water service directly across the St. from 9 Bishop Rd. Lot next to the grid St. Area is pre-marked. Caller: Greg Cormier Start date: 8/1/17.
14	Hibiscus Ln	Dig-Safe - Highway	7/27/2017 7:55	Highway	Burying conduit & cable for Comcast. Extent of work, start at ped loc at end of drwy at edge of rd & going down left side of drwy to the house. Area is pre-marked. Caller: John 603-456-8706 Start date: 7/31/17
103	Oak Ridge Dr	Dig-Safe - Highway	7/26/2017 10:08	Highway	REPLACING ANCHOR & INSTALLING GROUND ROD AT POLE # 10-0 EXTENT OF WORK SIDE OF RD. & PRIVATE PROPERTY, NEAR HOUSE #103, AREA IS PRE-MARKED. START DATE: 7/31/17 START TIME:10:15 AM CALLER: APRIL PETIT 978-840-3818
44	Appleblossom Dr	Dig-Safe - Highway	7/25/2017 11:27	Highway	Nature of work: Main Extension in the street, street to house. Area is pre-marked. Start date:7/28/17 Start time: 11:30am Caller Geraldine Chambers 781-398-7303 Contractor Nat'l Grid - Boston Gas
39	Groton School Rd	Dig-Safe - Highway	7/25/2017 11:13	Highway	Installing Pole on Groton School Rd. Nearest cross St. is Cross St and Woods Trailer. Installing pole #39 side of rd. near house #39. Caller:April Petit Clerk 978-840-3818 Contractor: Nat'l grid Any questions call Patrick Cody 508-531-8044
	Nashua St Ext.	Dig-Safe - Highway	7/25/2017 10:29	Highway	Work to extend Nashua St. approx. 600 ft. and install water, sewer/drain extent of work elect/gas and remove stumps. Cleared area. Area is pre-marked. Caller: Jacob Title 978-466-3804

					Start date: 7/28/17 Start time: 10am
64	Washington St	Dig-Safe - Highway	7/25/2017 9:54	Highway	Install new gas service street & street to house. Area is pre-marked. Start date: 8/1/17 Caller Joy Hooper Nat'l grid 781-907-4403
	Jonathan Dr/Doug Rd	Dig-Safe - Highway	7/25/2017 7:43	Highway	Work at wooded lot on Jonathan Dr. start at & Inc 3 way Int of Doug Rd. Victor Dr./Jonathan Dr. Cont. on Jonathan to Manhole Cont to entire wooded lot. Install Water/Sewer & foundation. Area is pre-marked Start 7/27/17 Caller and Contractor: William Buxton 978-857-9493.
	Oak & E Main St	Dig-Safe - Highway	7/14/2017 14:14	Highway	Digging in Oak St. to relay the gas service that serves 39 E. Main. Caller: Joy Hooper Nat'l Grid 781-907-4403 Alt.#617-212-1774. Area pre-marked Start date: 7/20/17.
48	Main St	Dig-Safe - Highway	7/14/2017 14:03	Highway	Relay Gas service street to house. Caller Joy Hooper Nat'l Grid -781-907-4403 Alt.# 617-212-1774 Area is pre-marked. Start date: 7/20/17.
20	Willow Rd	Dig-Safe - Highway	7/13/2017 13:36	Highway	Install Retaining Wall Caller: Jim Pinard 978-772-3549 Start date: 7/11/17
30	Park St	Dig-Safe - Highway	7/13/2017 9:31	Highway	Working at Gulf Gas Station Dispenser & Underground Storage tank repair/replacement. Caller: Jennifer Voas 508-987-5322 (6:30am-5:00) Area is pre-marked Start date: 7/17/17
97	Holly Ridge Rd	Dig-Safe - Highway	7/13/2017 8:54	Highway	Install Fence, Drainage along left prop. line & along right prop. line. Area is not pre-marked. Caller: Annette Moore 978-808-8518 Start date: 7/18/17
12	Willow Rd	Dig-Safe - Highway	7/13/2017 8:49	Highway	Repair Irrigation Customer wants flags no paint. Caller: Nanette K. 978-897-9004 (8am-4pm)

					Contractor: Corbett Inc. Start date: 7/17/17
	Pleasant St/Cambridge	Dig-Safe - Highway	7/11/2017 8:34	Highway	Emergency Dig Safe - Emergency Drain Line Repair. Working in the intersection in the street. Area is pre-marked. Caller- Casey 508-753-0175 Contractor: Ricciardi Bros.
83	Pleasant St	Dig-Safe - Highway	7/10/2017 15:31	Highway	Emergency Dig-Safe Emergency Gas Repair. Called Doug, Rick H. & Brian B.
	W Main St	Dig-Safe - Highway	7/10/2017 8:00	Highway	Working 100' west of Main St. bridge Replacing Guardrail Area is pre-marked Start date: 7/12/17 Caller: Eileen - 508-746-4246
35	Quail Run	Dig-Safe - Highway	7/6/2017 11:54	Highway	Planting Trees by mailbox & Power & Verizon access. Area is not pre-marked. Caller: Patrick Diamond 805-469-3530 Start date: 7/11/17
20	Lincoln St	Dig-Safe - Highway	7/6/2017 11:44	Highway	Repair Water Service from property line to opposite side of road. Caller: Greg Cormier
20	Lincoln St	Dig-Safe - Highway	7/6/2017 9:19	Highway	Install foundation for addition, working on the right side of house. Area is pre-marked. Caller: Bob Prescott 978-448-9385 Start date: 7/11/17.
3	Sedgeway St	Misc Street Maintenance	7/24/2017 9:21	Highway	Deep hole in the road.
1	Calvin St	Misc Street Maintenance	7/13/2017 12:22	Highway	Space between road & her land since they paved. Caller: Claire Deforge 978-772-2762
200	Groton road	Pavement Repair	7/7/2017 13:54	Highway	Removed broken sidewalk and repaved
0	old east Main Street	Pavement Repair	7/7/2017 13:53	Highway	Removed broken section and repaved sidewalk
0	east Main Street	Catch Basin Repair	7/7/2017 13:52	Highway	Repaired basin and paved
0	Bligh tannery street	Catch Basin Repair	7/7/2017 13:50	Highway	Repair basin and paved
20	Hibiscus Ln	Catch Basin Repair	7/3/2017 13:10	Highway	Repair sinking grate
0	green mile	Mowing	7/3/2017 12:51	Highway	Dave and Ryan mowing
0	town park	Misc Special Event	7/3/2017 12:47	Highway	Took tent down put tables and chairs away picked up cones and saw horses from police dept

100	Groton Harvard Rd	Vendor Coordination	7/11/2017 8:23	Solid Waste	Single stream recycling change out Tuesday 7/11/17
100	Groton Harvard Rd	Vendor Coordination	7/11/2017 8:22	Solid Waste	MSW trailer to be changed out Wednesday 7/12/17
100	Groton Harvard Rd	Vendor Coordination	7/6/2017 11:19	Solid Waste	Due to the Fourth of July holiday. The MSW trailer is changed out on Thursday 7/6/17
100	Groton Harvard Rd	Vendor Coordination	7/3/2017 11:20	Solid Waste	7/3/17 Hauling leaves and brush to brush dump
100	Groton Harvard Rd	Vendor Coordination	7/3/2017 11:18	Solid Waste	7/3/17 MSW trailer to be changed out Wednesday or Thursday due to Fourth of July holiday
100	Groton Harvard Rd	Vendor Coordination	7/3/2017 11:16	Solid Waste	7/3/17 Single stream recycling schedule to be changed out Wednesday or Thursday due to fourth of July holiday
2	Willow Rd	Complaint/Investigation - Wastewater	7/24/2017 12:52	Wastewater	Received a call about an odor down on Westford Rd, caller said it smelt like sewer. Kenny and I went and opened the Manhole in front of the area where they said they smelt it, the sewer was flowing nicely. We then drove down to Nasoya and that's where you could really smell it. I went in and told them at Bake N Joy that it could be that Nasoya is what the smell is.
0	Fletcher St	Jetting/Cleaning	7/14/2017 8:54	Wastewater	Jetted Fletcher St on Wednesday, general maintenance
8	Hemlock Dr	Dig-Safe - Wastewater	7/17/2017 10:37	Wastewater	Installing stone wall Jerry Croteau 978-467-4480
55	Littleton Rd, unit 27C	Dig-Safe - Wastewater	7/17/2017 10:27	Wastewater	Install fence post @ rear of unit Rebecca Opel 978-621-9040
114	E Main St	Dig-Safe - Wastewater	7/17/2017 9:04	Wastewater	test pit Lauren: 781-793-0074
114	E Main St	Dig-Safe - Wastewater	7/17/2017 8:56	Wastewater	test pit Lauren: 781-793-0074
20	Williams St	Dig-Safe - Wastewater	7/7/2017 7:50	Wastewater	
71	Hickory Way	Dig-Safe - Wastewater	7/31/2017 9:33	Wastewater	Remove & replace driveway Extent of work street to house. Area is pre-marked. Caller: Bob 978-264-0044 Start date: 8/3/17.
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2	Willow Rd	Reports - Wastewater	7/24/2017 9:29	Wastewater	Complaint about sewer smell past 4 days. Just past Bake N Joy.
3	Hedgeway St	Misc Wastewater Work Order	7/28/2017 13:27	Wastewater	restart compressor after valve left open
112	Oak Ridge Dr	Pump/Compressor Maintenance	7/28/2017 13:24	Wastewater	do monthly maintenance on Oakridge 2
45	Willow Rd	Misc Wastewater Work Order	7/28/2017 13:21	Wastewater	pull pump and clear out blockage
45	Willow Rd	Clean Wet Well	7/28/2017 13:21	Wastewater	
45	Willow Rd	Pump/Compressor Maintenance	7/28/2017 13:20	Wastewater	install new battery for generator and test generator and charging unit
25	Brook St	Misc Wastewater Work Order	7/28/2017 13:15	Wastewater	pull pump 2 from tank drain and clear rags out of it
25	Brook St	Misc Wastewater Work Order	7/28/2017 13:14	Wastewater	have Ratta clean out wet wells at stoney brook, bennitts,GS,willow, and at plant tank drain well and primary scum well of rags and debri
	page st	Dig-Safe - Wastewater	7/20/2017 13:05	Wastewater	
6	Grove St	Dig-Safe - Wastewater	7/20/2017 12:54	Wastewater	

14	Brook St	Clean Wet Well	7/20/2017 12:52	Wastewater	clean bar rags in wet well of main and central ps
	plant	Misc Wastewater Work Order	7/20/2017 12:50	Wastewater	replace worn out ball valves on filters
	plant	Sampling	7/20/2017 12:49	Wastewater	take sludge samples to lab
	plant	Reports - Wastewater	7/20/2017 10:57	Wastewater	Do electronic Tox report and scan report then send to EPA, send hard copy to DEP
13	Brook St	Check Controls/Alarms	7/20/2017 10:54	Wastewater	
166	Central Ave	Daily Inspection	7/20/2017 10:53	Wastewater	
25	Brook St	Daily Inspection	7/20/2017 10:52	Wastewater	
		Misc Wastewater Work Order	7/20/2017 10:52	Wastewater	clean plant sweep floors, mow lawn and trim landscape
	plant	Misc Wastewater Work Order	7/20/2017 10:50	Wastewater	do all lab and process control for the wee of 17 july
	plant	Misc Wastewater Work Order	7/20/2017 10:47	Wastewater	wash down and clean filter 2
23	Hickory Way	Dig-Safe - Wastewater	7/20/2017 10:41	Wastewater	
29	Wright Rd	Dig-Safe - Wastewater	7/20/2017 10:39	Wastewater	
28	Nashua St	Dig-Safe - Wastewater	7/20/2017 10:38	Wastewater	
145	Snake Hill Rd	Dig-Safe - Wastewater	7/20/2017 10:23	Wastewater	
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20	Williams St	Dig-Safe - Water	7/7/2017 7:51	Water	dig safe 20 Williams St
	Sedgeway St	Complaint/Investigation - Water	7/5/2017 14:20	Water	Please locate where water comes in from street at 0 Sedgeway (log cabin) for Paul Bresnahan
71	Hickory Way	Dig-Safe - Water	7/31/2017 9:33	Water	Remove & replace driveway Extent of work street to house. Area is pre-marked. Caller: Bob 978-264-0044 Start date: 8/3/17.
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14	Hibiscus Ln	Dig-Safe - Water	7/27/2017 7:56	Water	Burying conduit & cable for Comcast. Extent of work, start at ped loc at end of drwy at edge of rd & going down left side of drwy to the house. Area is pre-marked. Caller: John 603-456-8706 Start date: 7/31/17
103	Oak Ridge Dr	Dig-Safe - Water	7/26/2017 10:09	Water	REPLACING ANCHOR & INSTALLING GROUND ROD AT POLE # 10-0 EXTENT OF WORK SIDE OF RD. & PRIVATE PROPERTY, NEAR HOUSE #103, AREA IS PRE-MARKED. START DATE: 7/31/17 START TIME:10:15 AM CALLER: APRIL PETIT 978-840-3818
44	Appleblossom Dr	Dig-Safe - Water	7/25/2017 11:32	Water	Nature of work: Main Extension in the street, street to house. Area is pre-marked. Start date:7/28/17 Start time: 11:30am Caller Geraldine Chambers 781-398-7303 Contractor Nat'l Grid - Boston Gas
39	Groton School Rd	Dig-Safe - Water	7/25/2017 11:15	Water	Installing Pole on Groton School Rd. Nearest cross St. is Cross St and Woods Trailer. Installing pole #39 side of rd. near house #39. Caller:April Petit Clerk 978-840-3818 Contractor: Nat'l grid Any questions call Patrick Cody 508-531-8044
	Nashua St Ext.	Dig-Safe - Water	7/25/2017 10:30	Water	Work to extend Nashua St. approx. 600 ft. and install water, sewer/drain extent of work elect/gas and remove stumps. Cleared area. Area is pre-marked. Caller: Jacob Title 978-466-3804 Start date: 7/28/17 Start time: 10am
6	Magnolia Dr	Complaint/Investigation - Water	7/5/2017 13:13	Water	Ken Malono 978-491-8774 called complaining about extremely low water pressure. This has been the norm for awhile,also had a plumber come out to the house.

64	Washington St	Dig-Safe - Water	7/25/2017 9:55	Water	Install new gas service street & street to house. Area is pre-marked. Start date: 8/1/17 Caller Joy Hooper Nat'l grid 781-907-4403
	Jonathan Dr/Doug Rd	Dig-Safe - Water	7/25/2017 7:45	Water	Work at wooded lot on Jonathan Dr. start at & Inc 3 way Int of Doug Rd. Victor Dr./Jonathan Dr. Cont. on Jonathan to Manhole Cont to entire wooded lot. Install Water/Sewer & foundation. Area is pre-marked Start 7/27/17 Caller and Contractor: William Buxton 978-857-9493.
	Oak St/ E Main St	Dig-Safe - Water	7/14/2017 14:16	Water	Digging in Oak St. to relay the gas service that serves 39 E. Main. Caller: Joy Hooper Nat'l Grid 781-907-4403 Alt.#617-212-1774. Area pre-marked Start date: 7/20/17.
48	Main St	Dig-Safe - Water	7/14/2017 14:07	Water	Relay Gas service street to house. Caller Joy Hooper Nat'l Grid -781-907-4403 Alt.# 617-212-1774 Area is pre-marked. Start date: 7/20/17.
30	Park St	Dig-Safe - Water	7/13/2017 9:37	Water	Working at Gulf Gas Station Dispenser & Underground Storage tank repair/replacement. Caller: Jennifer Voas 508-987-5322 (6:30am-5:00) Area is pre-marked Start date: 7/17/17
97	Holly Ridge Rd	Dig-Safe - Water	7/13/2017 8:55	Water	Repair Irrigation Caller: Nanette K. 978-897-9004 (8am-4pm) Contractor: Corbett Inc. Start date: 7/17/17
12	Willow Rd	Dig-Safe - Water	7/13/2017 8:51	Water	Repair Irrigation Customer wants flags no paint. Caller: Nanette K. 978-897-9004 (8am-4pm) Contractor: Corbett Inc. Start date: 7/17/17

					Emergency Dig Safe - Emergency Drain Line Repair. Working in the intersection in the street. Area is pre-marked. Caller- Casey 508-753-0175 Contractor: Ricciardi Bros.
32	Pleasant St	Dig-Safe - Water	7/11/2017 8:37	Water	
83	Pleasant St	Dig-Safe - Water	7/10/2017 15:33	Water	Emergency Dig safe, Emergency Gas Repair. Called Doug, Rick H. & Brian B.
	W Main St	Dig-Safe - Water	7/10/2017 8:02	Water	Working 100' west of Main St. bridge Replacing Guardrail Area is pre-marked Start date: 7/12/17 Caller: Eileen - 508-746-4246
35	Quail Run	Dig-Safe - Water	7/6/2017 11:56	Water	Planting Trees by mailbox & Power & Verizon access. Caller: Patrick Diamond 805-469-3530 Area is not pre-marked Start date: 7/11/17
20	Lincoln St	Dig-Safe - Water	7/6/2017 9:20	Water	Install foundation for addition, working on the right side of house. Area is pre-marked. Caller: Bob Prescott 978-448-9385 Start date: 7/11/17.
21	3rd St	Misc Water Work Order	7/28/2017 14:12	Water	Remove construction sign from East Main st
0	Spec And Grove	Misc Water Work Order	7/28/2017 14:11	Water	Flush all pumps, instrumentation, lines both plants
0	townwide	Bact-T Sampling	7/28/2017 14:10	Water	Lead and copper sampling
0	Pingry Hill, Washington st	Misc Water Work Order	7/28/2017 14:08	Water	Rounds, standpipe inspections
99	Barnum Rd	Misc Water Work Order	7/28/2017 9:52	Water	Pick up supplies and oversee summer help clean Water Dept vehicles
99	Barnum Rd	Misc Water Work Order	7/28/2017 9:50	Water	Shut down plant, remove and repair KOH injection quill
0	Townwide	Misc Water Work Order	7/28/2017 9:49	Water	Ban enforcement
100	Sandy Pond Rd	New Meter Installation	7/28/2017 8:19	Water	Installed water only meter
29	Myrick St	Complaint/Investigation - Water	7/27/2017 14:10	Water	
0	Washington St stand pipe	Grounds Maintenance - Water	7/27/2017 14:04	Water	Cut grass and weed wracked
21	3rd St	Misc Water Work Order	7/27/2017 14:03	Water	Supervised school kid preparing and painting pipes , Spec Pond plant

0	Washington St	Misc Water Work Order	7/27/2017 13:28	Water	Clean shed and vault at old standpipe
0	Spec Pond	Misc Water Work Order	7/27/2017 13:27	Water	Set up summer help preparing Spec face piping for painting
21	3rd St	Misc Water Work Order	7/27/2017 13:26	Water	Lead and copper samples ban enforcement
0	Townwide	Misc Water Work Order	7/27/2017 13:25	Water	Rounds
99	Barnum Rd	Misc Water Work Order	7/27/2017 13:23	Water	Work on new garage , prep for paving
0	Grove Pond	Misc Water Work Order	7/27/2017 13:21	Water	Work on KMNO4 pump skid, and cal column
0	Pingry	Misc Water Work Order	7/27/2017 13:20	Water	Install new pressure gauge at Pingry vault
0	Townwide	Misc Water Work Order	7/27/2017 13:18	Water	Lead and copper samples and ban enforcement
0	Spec Pond	Misc Water Work Order	7/27/2017 13:17	Water	Custodial
0	Pingry Hill standpipe	Inspection - Water	7/27/2017 13:15	Water	Take DEP to new standpipe for vault inspection
47	Highland	Homeowner Follow-Up - Water	7/27/2017 13:13	Water	Follow up with plumber regarding residential back flow requirements irrigation system
0	Westford Rd	Inspection - Water	7/27/2017 13:06	Water	Check contractor , flush and set up hydrant for DAMico
0	Townwide , Spec And Grove	Misc Water Work Order	7/27/2017 13:04	Water	Daily rounds, standpipe inspection, and accept bulk chemical delivery both plants
0	Jonathan Dr	Inspection - Water	7/27/2017 6:42	Water	Whiteness live service line tap, service line moled under street, hooked to curb stop, flushed, hooked up to union, ran to house
0	East end	Water Service Work	7/27/2017 6:41	Water	Hydrant mapping
0	Townwide	Misc Water Work Order	7/25/2017 14:30	Water	Markouts
0	Townwide	Misc Water Work Order	7/25/2017 14:29	Water	Lead and copper samples to lab
99	Barnum Rd	Misc Water Work Order	7/25/2017 14:28	Water	Custodial
0	Townwide	Bact-T Sampling	7/25/2017 14:26	Water	Lead and copper samples to lab
25	Brook St	Misc Water Work Order	7/25/2017 14:25	Water	Admin, prepare for and attend Foreman meeting
21	3rd St	Misc Water Work Order	7/25/2017 14:20	Water	Dug parking lot at Grove , to prep for new pavement. Weed wracked hydrants and pulpit rock
21	3rd St	Misc Water Work Order	7/25/2017 6:34	Water	Cleaned office, garage, dump run
4	Copland , CPF	Meter Testing	7/25/2017 6:32	Water	Inspected meters and bypass. One meter seems to be stuck
62	,63 Wright Rd	New Meter Installation	7/25/2017 6:31	Water	Tried too install meters, but the service line wasn't finished for either house and no curb stop marker at 63

116	West Main	Final Read	7/25/2017 6:30	Water	Final read from radio and meter
0	W Main, Nashua, Jackson, Scully, Pleasant	Grounds Maintenance - Water	7/21/2017 13:10	Water	Weed wack around hydrants
9	Mnt Laurel	New Meter Installation	7/21/2017 13:10	Water	Relocate meter and radio
121	Sandy Pond	New Meter Installation	7/21/2017 13:09	Water	Finish water only meter install
99	Barnum Rd	Misc Water Work Order	7/21/2017 12:50	Water	Plant maintenance
99	Barnum Rd	Misc Water Work Order	7/21/2017 12:50	Water	Custodial
0	Spec Pond	Misc Water Work Order	7/21/2017 12:49	Water	Inspect all locations for weekend
0	Pingry Hill	Water Tank Inspection	7/21/2017 12:47	Water	Put new tank online
99	Barnum Rd	Misc Water Work Order	7/21/2017 12:44	Water	Work with stonkus to repair valve bank # 1 filter Grove
99	Barnum Rd	Misc Water Work Order	7/21/2017 12:31	Water	Continue plant maintenance
99	Barnum Rd	Misc Water Work Order	7/21/2017 12:31	Water	Lab
21	3rd St	Misc Water Work Order	7/21/2017 12:30	Water	Lab
99	Barnum Rd	Misc Water Work Order	7/21/2017 12:28	Water	Plant maintenance, plugged lines, pumps etc.
99	Barnum Rd	Grounds Maintenance - Water	7/21/2017 12:27	Water	Grove grounds
34	Pleasant St	Misc Water Work Order	7/21/2017 12:21	Water	Rounds and service call
0	Townwide	Misc Water Work Order	7/21/2017 12:20	Water	Enforce ban
0	Rosewood and Pond area	Flushing	7/21/2017 6:22	Water	Flushed water main
99	Barnum Rd	Misc Water Work Order	7/20/2017 13:46	Water	Administration
0	Townwide	Misc Water Work Order	7/20/2017 13:45	Water	Rounds
0	Townwide	Misc Water Work Order	7/20/2017 13:44	Water	Lead and Copper sampling
0	Townwide	Misc Water Work Order	7/20/2017 13:43	Water	Ban enforcement
0	Townwide	Misc Water Work Order	7/20/2017 13:42	Water	Ban enforcement
0	Townwide	Misc Water Work Order	7/20/2017 13:40	Water	Rounds, standpipe inspections
0	Townwide	Misc Water Work Order	7/20/2017 13:39	Water	Lead and Copper sampling
99	Barnum Rd	Misc Water Work Order	7/18/2017 13:01	Water	Multiple labs and plant maintenance

99	Barnum Rd	Misc Water Work Order	7/18/2017 12:59	Water	New Cat mini demo
99	Barnum Rd	Misc Water Work Order	7/18/2017 12:54	Water	Work on determining new standpipe level
99	Barnum Rd	Misc Water Work Order	7/18/2017 12:53	Water	Admin
0	Townwide	Misc Water Work Order	7/18/2017 12:49	Water	Retrieved lead and copper samples from residents
0	Spec, Pingry	Misc Water Work Order	7/18/2017 12:48	Water	Rounds , standpipes inspection
0	Townwide	Misc Water Work Order	7/18/2017 12:47	Water	Enforce ban
0	townwide	Bact-T Sampling	7/18/2017 12:43	Water	Distributed bottles to residents for lead and copper
0	Townwide	Misc Water Work Order	7/18/2017 12:39	Water	Enforce water ban
25	Brook St	Misc Water Work Order	7/18/2017 12:37	Water	Prepare for and attend Foreman meeting
99	Barnum Rd	Misc Water Work Order	7/14/2017 7:41	Water	admin
0	Standpipe	Misc Water Work Order	7/14/2017 7:36	Water	Resample standpipe and up and downstream sites
0	Townwide	Bact-T Sampling	7/14/2017 7:34	Water	Chlorine, bacteria and ph sampling townwide
99	Barnum Rd	Misc Water Work Order	7/14/2017 7:31	Water	PO for KOH well #1 Spec transducer quote
1	Winthrop Ave	Complaint/Investigation - Water	7/14/2017 7:27	Water	Determine water pressure at residence and closest hydrant, upgrade meter at this time
99	Barnum Rd	Misc Water Work Order	7/14/2017 7:18	Water	Work on listening device quotes, sewage pump Spec, power sources, pls, cards, etc Injector quills for new standpipe
0	Spec And Grove	Misc Water Work Order	7/14/2017 7:15	Water	Work on Chem pumps , increase chlorine residual
25	Brook st	Misc Water Work Order	7/14/2017 7:13	Water	Work with H2, pintle hook prep for new trailer
99	Barnum Rd	Misc Water Work Order	7/14/2017 7:11	Water	Work on quotes
99	Barnum Rd	DEP Report	7/14/2017 7:08	Water	Monthly and chlorine report
0	new standpipe	Water Tank Inspection	7/14/2017 7:06	Water	Inspect and rounds
21	3rd St	Misc Water Work Order	7/12/2017 9:48	Water	Built tool rack for air compressor
0	Spec Pond, booster station, Barnum Rd wells	Grounds Maintenance - Water	7/12/2017 9:47	Water	Ground maintenance
0	Barnum Rd, Washington St stand pipe	Grounds Maintenance - Water	7/11/2017 7:14	Water	Ground maintenance
99	Barnum Rd	Misc Water Work Order	7/10/2017 11:48	Water	Admin

100	Washington st	Misc Water Work Order	7/7/2017 9:47	Water	Rounds, booster, standpipe
0	Townwide	Misc Water Work Order	7/7/2017 9:44	Water	Enforce water ban and admin
21	3rd St	Misc Water Work Order	7/6/2017 14:10	Water	Lab
99	Barnum Rd	Misc Water Work Order	7/6/2017 14:09	Water	Plant maintenance, clean chlorine area
99	Barnum Rd	Misc Water Work Order	7/6/2017 14:08	Water	Admin
21	3rd St	Misc Water Work Order	7/6/2017 14:07	Water	Rounds, standpipe insp
0	Pingry Hill Standpipe	Bact-T Sampling	7/6/2017 14:05	Water	Flush line , tale back and VOC samples, bring to lab
153	sandy pond	New Meter Installation	7/31/2017 9:30	Water	Meter upgrade
18	Williams	Meter Calibration	7/27/2017 14:06	Water	
0	national grid	Meter Calibration	7/27/2017 14:06	Water	
35	markham cut	New Meter Installation	7/27/2017 14:00	Water	Repair meter
19	Williams	Final Read	7/17/2017 12:56	Water	Final
8	Lawton	Shut Off	7/17/2017 12:55	Water	Turn on
0	cains	Final Read	7/14/2017 6:01	Water	Cains
1	Winthrop	New Meter Installation	7/14/2017 5:59	Water	
13	scullery	New Meter Installation	7/14/2017 5:59	Water	Turn off and upgrade
84	e main st	New Meter Installation	7/12/2017 11:32	Water	New meter
60	pearl	Final Read	7/12/2017 10:48	Water	Final
0	old town village	Meter Testing	7/11/2017 12:14	Water	Data logging
9	apple blossom	Final Read	7/11/2017 12:14	Water	
123	oak ridge	Final Read	7/10/2017 14:12	Water	Final and upgrade
6	Doug rd	New Meter Installation	7/6/2017 11:58	Water	Upgrade 2 meters 1 vertical
59	sandy pond	New Meter Installation	7/6/2017 11:58	Water	Upgrade
57	sandy pond	New Meter Installation	7/6/2017 11:58	Water	Upgrade

Department of Public Works Project Status

Project	Engineer	Budget	Grant Funding	Division	Status
Spectacle Pond Well2 Replacement	Wetzel	\$248,000		Water	Beginning work Aug 7
Water Department Garage	Van Schalkwyk	\$334,000		Water	Completed
Pleasant Street Construction	Van Schalkwyk	\$853,000	CDBG Grant	Highway	Completed
Washington Street Drainage	Van Schalkwyk	\$127,000		Stormwater	Completed
Stormwater BMPs	Van Schalkwyk	\$50,000		Stormwater	Completed
Pingry Tank	Wetzel	\$0	Developer funded	Water	Completed
Dog Park	Wetzel	\$200,000	Stanton Fnd Grant	Engineering	Waiting for Crabtree to begin construction
Washington St Paving Chapter 90	Wetzel	\$226,000	Chapt 90	Highway	Scheduled
New England Way Paving Chapter 90	Wetzel	\$174,000	Chapt 90		Scheduled
East Main Street Reconstruction	Wetzel	\$285,000	MassDOT	Highway	Design is being reveiwed by MassDOT - Required Public Meeting in September
West Main Bridge	Wetzel	\$1,700,000	MassDOT	Highway	In design phase - construction to begin in Spring 2018
DPW Admin Building	Wetzel	\$900,000		Engineering	Advertised, complete by April 2018
Highway Storage Building	Van Schalkwyk	\$750,000		Highway	Under design - Wetlands permitting will delay the bid
WWTP Upgrade	Wetzel	\$6,000,000		Wastewater	In design phase - construction to begin in Spring 2018
Main Street Concept Design	Wetzel	\$20,000		Engineering	Begin August 10
Fuel Canopy	Wetzel	\$75,000		Highway	Bid in October
LED Streetlight Conversion	Wetzel	\$230,000	Green Community and EEOA Grant		Design complete and will begin procurement in September

Pearl St Water Main	Wetzel	\$250,000		Water	In design for bid in September
I/I Study	Wetzel	\$300,000	Groton MassWorks	Wastewater	TV and Manhole inspections August 2017
Barnum Rd Water Interconnection	Wetzel	\$225,000		Water	FY18
Balch Pond Dam	Wetzel	\$115,000		Stormwater	Design and permitting complete. Coordinating bidding schedule with Cains redevelopment
Stormwater Permit NOI	Van Schalkwyk	\$0		Stormwater	
Wright Road Water Main	Van Schalkwyk	\$250,000		Water	Bid Opening 8/23/17
Rec Building	Van Schalkwyk	\$650,000		Recreation	Design Phase
Fire Station Flood Control	Van Schalkwyk	\$20,000		Fire	
Myrick Street Drainage	Wetzel	\$0		Stormwater	Design Phase
Spec Pond SCADA	Wetzel	\$50,000		Water	Completed preliminary design - preparing bid package
Snake Hill Road Water Service transfers	Wetzel	\$20,000		Water	Spring 2018
Sandy Pond Rd Insertion Valves	Wetzel	\$50,000		Water	Spring 2018
Water Meter Upgrades	Wetzel	\$30,000		Water	on-going
Heavy Commercial Vehicle Exclusion Study	Van Schalkwyk	\$0		Engineering	Complete
Sewer Use Regs	Van Schalkwyk	\$0		Wastewater	In progress
Stormwater Use Regs	Wetzel	\$0		Stormwater	In progress
Subdivision Regs	Van Schalkwyk	\$0		Engineering	In progress
Parks Perimeter Path	Van Schalkwyk	\$87,000		Parks	RFP Sent to Engineers
Drain Improvements Groton to Park	Van Schalkwyk	\$0		Stormwater	
Landfill Monitoring Reduction	Van Schalkwyk	\$0		Solid Waste	Annual Requirement
Street Acceptance	Van Schalkwyk	\$0		Engineering	Spring Town Meeting

Section 319 Grant App and Implementation if Award	Van Schalkwyk	\$125,000	319 Grant	Stormwater	Grant submitted and waiting for review
Road Opening Bylaw/Regulations	Wetzel	\$0		Engineering	
Online Permitting - MAPC	Wetzel	\$0		Engineering	In progress
Complete Streets Funding Application	Wetzel	\$0	MassDOT	Engineering	Oct-17
Fletcher St Concept Design	Wetzel	\$0		Stormwater	
Rosewood Drainage Improvement	Highway	\$0		Stormwater	Highway to install