



MONTHLY REPORT July 2018

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

- 2018 YouthWorks program started. There are two 4 week sessions with 4 kids and a supervisor for each session. The first session painted hydrants, storage containers at the water treatment plant, cleaned the wastewater pumping stations, planted 10 trees in Town. Also did general street maintenance and clean-up.
- Process 84 Dig Safe Requests
- Working with Recreation Department on Perone Park garage and storage building
- Completed Devenscrest Drainage Improvements
- High Street Culvert replacement under construction
- Working with MassDEP, EPA and Devens on the PFAS Water Quality issue at Grove Pond Wells.:
 - Started rapid column testing
 - Working with MassDEP and EPA on funding
 - Started preparing SRF application for funding
- Prepared procurement Document for Solid Waste and Recycling Contract
- Construction administration for completion of Ayer Dog Park
- Construction Administration for Pearl Street Water and Sewer Improvements
- Completing the Sewer System Evaluation Study Phase 2
- 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

- See specific work order tasks attached **Work Order Summary**
- Mowing town grounds
- 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

- See specific work order tasks attached **Work Order Summary**
- Replace Pump 1 at Main Pumping Station.
- Repaired sewer force main leak on Central Avenue
- 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 39.8 million gallons with an average of 1.33 mgd and a maximum of 1.67 MGD
- Contractor hauled 28 loads of sludge
- Performed mechanical maintenance on pump stations
- Backwashed filter units
- 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
- Note – The Wastewater Division was without two employees for the majority of the month. This limits the maintenance task priorities.

Water Division

- See specific work order tasks attached **Work Order Summary**
- Cleaned and redeveloped GP Well 6
- Repaired service leak on Central Avenue
- Repaired major water main break on Wright Road. Highway Division assisted.
- Added data to H2O Water Reporting software and submitted monthly reports to MADEP
- Implemented and enforce 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: 2018-07-01 To: 2018-07-31

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 - July 2018	29	2	31	31	30		31
Total Pumpage (MG) - July 2018	13.631	0.000	5.660	10.569	8.444		54.411
Total Pumping Days	29	2	31	31	30		31
Total Pumpage (MGY)	13.631	0.000	5.660	10.569	8.444		54.411
Average Daily Pumpage (MGD)	0.470	0.000	0.183	0.341	0.281		1.755
Maximum Daily Pumpage (MGD)	1.029	0.000	0.447	0.453	1.663		2.319
Maximum Daily Pumpage (Date)	2018-07-16	2018-07-01	2018-07-11	2018-07-20	2018-07-19		2018-07-20
Maximum Week Pumpage (MGW)	0.000	0.000	0.000	0.000	0.000		0.000
Maximum Week Pumpage (Date)	2018-07-03	2018-07-01	2018-07-01	2018-07-01	2018-07-01		2018-07-01

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

Monthly Work Orders Completed – By Division

	Address		Work Category	Date	Division
100	Groton Harvard Rd	Vendor Coordination	7/18/18	Solid Waste	7/18/18. Tire trailer picked up today scheduled to return Thursday 7/19/18
100	Groton Harvard Rd	Vendor Coordination	7/18/18	Solid Waste	7/16/18 universal Waste change out Tuesday 7/17/18
100	Groton Harvard Rd	Vendor Coordination	7/18/18	Solid Waste	7/16/18 MSW trailer change out to be determined.
100	Groton Harvard Rd	Vendor Coordination	7/18/18	Solid Waste	7/16/18 Single stream recycling to be changed out Tuesday 7/17/18
8	Patriot Way	Dig-Safe - Water	7/30/18	Water	

21	3rd St	Misc Water Work Order	7/17/18	Water	Lab for manganese, total Chlorine, free chlorine, iron and PH
0	Grove Pond Wtf	Misc Water Work Order	7/17/18	Water	Worked in treatment plant Grove pond Adjusting chemicals cleaning ph meters and turbidity Meter. Watching and testing raw ph periodically. Because of well being treated with acid.
21	3rd St	Misc Water Work Order	7/17/18	Water	Lab for spec pond & grove pond
14	Brook St	Meter Testing	7/13/18	Water	
174	W Main St	Mowing	7/31/18	Highway	Guys mowed West Main Street Bridge
14	E Main St	Mowing	7/31/18	Highway	Guys mowed East Main Street Bridge
146	Sandy Pond Rd	Mowing	7/31/18	Highway	Guys mowed Little Red School House
2	Littleton Rd	Mowing	7/31/18	Highway	Guys mowed rotary area
16	Maple St	Catch Basin Repair	7/27/18	Highway	Repaired catch basin on Maple St
19	Fletcher St	Pavement Repair	7/27/18	Highway	Patched around catch basin repair
48	Main St	Pot Hole	7/27/18	Highway	Patched pothole
10	School St	Catch Basin Repair	7/27/18	Highway	Repaired catch basin on School St and Grove St
43	Grove St	Pot Hole	7/27/18	Highway	Patched around catch basin repair
36	Sandy Pond Rd	Pot Hole	7/27/18	Highway	We repaired 2 driveways with hot top
2	Sandy Pond Rd	Misc Street Maintenance	7/27/18	Highway	Picked up Dead Raccoon
137	Old West Main St	Misc Special Event	7/27/18	Highway	Planted 2 new trees with the summer youth program on the West Main Street Bridge
3	Main St	Town Hall/Library Trash	7/27/18	Highway	
3	Main St	Street Sweeping	7/27/18	Highway	Friday sweeping of the Main St
166	Central Ave	Misc Special Event	7/27/18	Highway	Planted 3 new trees with summer youth program at Central Are sewer pump station

20	Fletcher St	Catch Basin Repair	7/25/18	Highway	Guys repaired catch basin at corner
1	Barnum Rd	Add New Sign	7/25/18	Highway	Installed new no parking sign at side of rotary by new trees
1	Barnum Rd	Misc Special Event	7/25/18	Highway	Planted 3 trees with the youth program kids at rotary
93	Groton Harvard Rd	Main St Trash	7/20/18	Highway	Guys did Main Street trash
115	Washington St	Misc Debris Removal	7/20/18	Highway	Had Dave M go out and remove all trash signs off of telephone poles around town on main roads he removed 20 signs.
0	West Main Street Green Mile	Mowing	7/17/18	Highway	The guys mowed the Green Mile
174	W Main St	Mowing	7/17/18	Highway	The guys mowed the West Main Street Bridge
3	Main St	Mowing	7/17/18	Highway	The guys mowed the Town Hall
14	E Main St	Mowing	7/17/18	Highway	The guys mowed East Main St Bridge
34	Bligh St	Edging & Trimming	7/17/18	Highway	We brush cut roadsides
43	Grove St	Catch Basin Repair	7/17/18	Highway	Repaired catch basin
166	Central Ave	Pavement Repair	7/17/18	Highway	We paved water brake trench and sidewalk for water dept
151	Sandy Pond Rd	Mowing	7/17/18	Highway	The guys mowed Little Red School House
2	Littleton Rd	Mowing	7/17/18	Highway	The guys mowed rotary area
0	Address Not Verified	Mowing	7/9/18	Highway	Guys mowed the police station
1	Main St	Mowing	7/9/18	Highway	Guys mowed Town Hall
45	Walker Rd	Mowing	7/9/18	Highway	The guys mowed West Main St Green Mile
2	Sculley Rd	Misc Street Maintenance	7/9/18	Highway	We removed all of the old guardrail posts and cut road side brush as part of the Sculley Rd cleanup project.
2	Sculley Rd	Mowing	7/9/18	Highway	The guys mowed West Main St Bridge
8	Ledgeway St	Water Quality Monitoring	7/20/18	Engineering	07-20-2018 - Perform Routine Pond Water Quality Monitoring, Dan and Ryan

					07-19-2018 -- Dan meets with 112 Washington Street Owners Becky and Jorge Willemssen. Also, Cyn John Bell is onsite.
112	Washington St	Field Meeting - Engineering	7/20/18	Engineering	
58	Groton Harvard Rd	Dig-Safe - Water	7/16/18	Engineering	Test for Rick L email and phone
4	Blueberry Cir	Dig-Safe - Water	7/16/18	Engineering	Test to Dan V
41	Nashua St	Final Read	7/13/18	Engineering	
36	Nashua St	Meter Testing	7/13/18	Engineering	
7	Highland Ave	Flushing	7/13/18	Engineering	
59	Main St	Water Service Work	7/13/18	Engineering	
52	Pleasant St	Dig-Safe - Water	7/13/18	Engineering	
46	Washington St	Dig-Safe - Water	7/13/18	Engineering	Complete markout for test
93	Pleasant St	Misc Street Maintenance	7/19/18	Engineering	Trim Branches in ROW between 91 and 93
28	Cambridge St	Misc Sidewalks	6/28/18	Engineering	clear branches overhanging sidewalk
28	Maple St	Dig-Safe - Wastewater	7/24/18	DPW Administrative	Dig Safe
28	Maple St	Dig-Safe - Highway	7/24/18	DPW Administrative	Dig Safe
	West Main Street Bridge	Dig-Safe - Water	7/20/18	DPW Administrative	Dig Safe
	West Main St Bridge	Dig-Safe - Wastewater	7/20/18	DPW Administrative	Dig Safe
	West Main St bridge	Dig-Safe - Highway	7/20/18	DPW Administrative	Dig Safe
	State Hwy 110	Dig-Safe - Water	7/20/18	DPW Administrative	Dig Safe
	State Highway 110	Dig-Safe - Wastewater	7/20/18	DPW Administrative	Dig Safe
	State Hwy 110	Dig-Safe - Highway	7/20/18	DPW Administrative	Dig Safe
	near Central Ave pump station	Dig-Safe - Water	7/20/18	DPW Administrative	Dig Safe
	near Central Ave pump station	Dig-Safe - Wastewater	7/20/18	DPW Administrative	Dig Safe
	near Central Ave pump station	Dig-Safe - Highway	7/20/18	DPW Administrative	Dig Safe
141	Washington St	Dig-Safe - Wastewater	7/19/18	DPW Administrative	Dig Safe
141	Washington St	Dig-Safe - Highway	7/19/18	DPW Administrative	Dig Safe
15	Highland Ave	Dig-Safe - Water	7/17/18	DPW Administrative	Dig Safe
15	Highland Ave	Dig-Safe - Wastewater	7/17/18	DPW Administrative	Dig Safe
15	Highland Ave	Dig-Safe - Water	7/17/18	DPW Administrative	Dig Safe
15	Highland Ave	Dig-Safe - Wastewater	7/17/18	DPW Administrative	Dig Safe
15	Highland Ave	Dig-Safe - Highway	7/17/18	DPW Administrative	Dig Safe
46	& 48Central Ave	Bact-T Sampling	7/16/18	DPW Administrative	Dig Safe
46	& 48Central Ave	Dig-Safe - Wastewater	7/16/18	DPW Administrative	Dig Safe
46	& 48 Central Ave	Dig-Safe - Wastewater	7/16/18	DPW Administrative	Dig Safe
46	& 48Central Ave	Dig-Safe - Highway	7/16/18	DPW Administrative	Dig Safe
2	Rogers St	Dig-Safe - Water	6/1/18	DPW Administrative	Dig Safe
5	Groveland St	Dig-Safe - Wastewater	7/31/18	DPW Administrative	Dig Safe
3	Blueberry Cir	Dig-Safe - Wastewater	7/30/18	DPW Administrative	Dig Safe
3	Blueberry Cir	Dig-Safe - Highway	7/30/18	DPW Administrative	Dig Safe
112	Barnum Rd	Dig-Safe - Wastewater	7/30/18	DPW Administrative	Dig Safe

112	Barnum Rd	Dig-Safe - Highway	7/30/18	DPW Adminstrative	Dig Safe
55	Littleton Rd	Dig-Safe - Highway	7/30/18	DPW Adminstrative	Dig Safe
8	Patriot Way	Dig-Safe - Wastewater	7/30/18	DPW Adminstrative	Dig Safe
8	Patriot Way	Dig-Safe - Highway	7/30/18	DPW Adminstrative	Dig Safe
108	W Main St	Dig-Safe - Wastewater	7/26/18	DPW Adminstrative	Dig Safe
17	Park St	Dig-Safe - Wastewater	7/26/18	DPW Adminstrative	Dig Safe
17	Park St	Dig-Safe - Highway	7/26/18	DPW Adminstrative	Dig Safe
	Norwood Ave	Dig-Safe - Wastewater	7/26/18	DPW Adminstrative	Dig Safe
	Norwood Ave	Dig-Safe - Highway	7/26/18	DPW Adminstrative	Dig Safe
23	Sandy Pond Rd	Dig-Safe - Water	7/13/18	DPW Adminstrative	Dig Safe
23	Sandy Pond Rd	Dig-Safe - Wastewater	7/13/18	DPW Adminstrative	Dig Safe
23	Sandy Pond Rd	Dig-Safe - Highway	7/13/18	DPW Adminstrative	Dig Safe
83	Littleton Rd	Dig-Safe - Water	7/13/18	DPW Adminstrative	Dig Safe
83	Littleton Rd	Dig-Safe - Wastewater	7/13/18	DPW Adminstrative	Dig Safe
83	Littleton Rd	Dig-Safe - Highway	7/13/18	DPW Adminstrative	Dig Safe
	Bishop Rd	Dig-Safe - Water	7/13/18	DPW Adminstrative	Dig Safe
	Bishop Rd	Dig-Safe - Wastewater	7/13/18	DPW Adminstrative	Dig Safe
	Bishop Rd	Dig-Safe - Highway	7/13/18	DPW Adminstrative	Dig Safe
139	Littleton Rd	Dig-Safe - Water	7/13/18	DPW Adminstrative	Dig Safe
139	Littleton Rd	Dig-Safe - Wastewater	7/13/18	DPW Adminstrative	Dig Safe
139	Littleton Rd	Dig-Safe - Highway	7/13/18	DPW Adminstrative	Dig Safe
53	Willard St	Dig-Safe - Water	7/12/18	DPW Adminstrative	Dig Safe
53	Willard St	Dig-Safe - Wastewater	7/12/18	DPW Adminstrative	Dig Safe
53	Willard St	Dig-Safe - Highway	7/12/18	DPW Adminstrative	Dig Safe
26	Pearl St	Dig-Safe - Water	7/12/18	DPW Adminstrative	Dig Safe
26	Pearl St	Dig-Safe - Wastewater	7/12/18	DPW Adminstrative	Dig Safe
26	Pearl St	Dig-Safe - Highway	7/12/18	DPW Adminstrative	Dig Safe
141	Washington St	Dig-Safe - Water	7/10/18	DPW Adminstrative	Dig Safe
141	Washington St	Dig-Safe - Wastewater	7/10/18	DPW Adminstrative	Dig Safe
29	Highland Ave	Dig-Safe - Water	7/10/18	DPW Adminstrative	Dig Safe
29	Highland Ave	Dig-Safe - Wastewater	7/10/18	DPW Adminstrative	Dig Safe
29	Highland Ave	Dig-Safe - Highway	7/10/18	DPW Adminstrative	Dig Safe
71	Hickory Way	Dig-Safe - Water	7/10/18	DPW Adminstrative	Dig Safe
71	Hickory Way	Dig-Safe - Wastewater	7/10/18	DPW Adminstrative	Dig Safe
71	Hickory Way	Dig-Safe - Highway	7/10/18	DPW Adminstrative	Dig Safe
	Central Ave	Dig-Safe - Wastewater	7/9/18	DPW Adminstrative	Dig Safe
	Central Ave	Dig-Safe - Highway	7/9/18	DPW Adminstrative	Dig Safe
11	Copeland Dr	Dig-Safe - Water	7/6/18	DPW Adminstrative	Dig Safe
11	Copeland Dr	Dig-Safe - Wastewater	7/6/18	DPW Adminstrative	Dig Safe
11	Copeland Dr	Dig-Safe - Highway	7/6/18	DPW Adminstrative	Dig Safe
7	Church St	Dig-Safe - Water	7/5/18	DPW Adminstrative	Dig Safe
7	Church St	Dig-Safe - Wastewater	7/5/18	DPW Adminstrative	Dig Safe
7	Church St	Dig-Safe - Highway	7/5/18	DPW Adminstrative	Dig Safe
46	Central Ave	Dig-Safe - Water	7/3/18	DPW Adminstrative	Dig Safe
46	Central Ave	Dig-Safe - Wastewater	7/3/18	DPW Adminstrative	Dig Safe
46	Central Ave	Dig-Safe - Highway	7/3/18	DPW Adminstrative	Dig Safe
55	Littleton Rd	Dig-Safe - Water	7/3/18	DPW Adminstrative	Dig Safe
55	Littleton Rd	Dig-Safe - Wastewater	7/3/18	DPW Adminstrative	Dig Safe
55	Littleton Rd	Dig-Safe - Highway	7/3/18	DPW Adminstrative	Dig Safe
28	Snake Hill Rd	Dig-Safe - Water	7/2/18	DPW Adminstrative	Dig Safe

28	Snake Hill Rd	Dig-Safe - Wastewater	7/2/18	DPW Adminstrative	Dig Safe
28	Snake Hill Rd	Dig-Safe - Highway	7/2/18	DPW Adminstrative	Dig Safe
29	Columbia St	Sidewalk - Repair	7/2/18	DPW Adminstrative	Dig Safe
43	Norwood Ave	Dig-Safe - Water	6/28/18	DPW Adminstrative	Dig Safe
7	Sculley Rd	Dig-Safe - Water	6/28/18	DPW Adminstrative	Dig Safe
	Rogers St	Dig-Safe - Water	6/25/18	DPW Adminstrative	Dig Safe
	E Main St	Dig-Safe - Water	6/19/18	DPW Adminstrative	Carlton Circle Rotary (E. Main St. Littleton Rd.
22	Pine Ridge Dr	Inspection - Wastewater	7/20/18	rhudson@ayer.ma.us	inspect air release mh and blow off mh check for other force main MH
14	Brook St	Inspection - Wastewater	7/20/18	rhudson@ayer.ma.us	Find and inspect air release MH for main pump to devens
3	Bennetts Xing	Inspection - Wastewater	7/20/18	rhudson@ayer.ma.us	inspect press valve
1	Moore Dr	Inspection - Wastewater	7/20/18	rhudson@ayer.ma.us	inspect pressure valve
109	Central Ave	CCT Sewer Pipe	7/20/18	rhudson@ayer.ma.us	replace new pressure valve on central ave
25	Pine Ridge Dr	Misc Wastewater Work Order	7/20/18	rhudson@ayer.ma.us	pull pump 1 for repairs
18	Pine Ridge Dr	Pump/Compressor Maintenance	7/20/18	rhudson@ayer.ma.us	
20	Pine Ridge Dr	Reports - Wastewater	7/20/18	rhudson@ayer.ma.us	use generator to lower ps during power outage do to capititors blow
19	Willow Rd	Pump/Compressor Maintenance	7/20/18	rhudson@ayer.ma.us	do ps maintence
25	Brook St	Daily Inspection	7/20/18	rhudson@ayer.ma.us	do Daley inspection of stations
25	Brook St	Sampling	7/20/18	rhudson@ayer.ma.us	take samples, do lab and process control for week of 16-20
25	Brook St	Misc Wastewater Work Order	7/20/18	rhudson@ayer.ma.us	drain and wash filter 2
25	Brook St	Sampling	7/13/18	rhudson@ayer.ma.us	do all collection and samples for the week of 9-13 and process control
14	Brook St	Misc Wastewater Work Order	7/13/18	rhudson@ayer.ma.us	replace filter feed transducer in wetwell
46	Central Ave	CCT Sewer Pipe	7/13/18	rhudson@ayer.ma.us	Repair broken presure valve on force main from central
25	Brook St	Misc Wastewater Work Order	6/18/18	rhudson@ayer.ma.us	do lab work and tests forDMRQA-38
25	Brook St	Reports - Wastewater	6/18/18	rhudson@ayer.ma.us	enter all data for dmrqa-38
25	Brook St	Grounds Maintenance - Wastewater	6/18/18	rhudson@ayer.ma.us	landscape and clear brush for GS, Oakridge, plant,central,Bennetts, willow, pondview pump stations

99	Barnum Rd	Bact-T Sampling	7/26/18	Water	run well # 6 at grove, resample and take to lab
152	Central Ave	Water Service Work	7/26/18	Water	prepare for and restore area damaged by July 7 water main break w/summer kids
99	Barnum Rd	Misc Water Work Order	7/26/18	Water	admin and water ban
0	Sandy Pond, Central Ave	Water Service Work	7/26/18	Water	Replaced bent hydrant markers
0	Central Ave sewer station	Water Service Work	7/26/18	Water	Cleaned up mess from water main break. Spread loam and grass seed, hay. Replaced bent hydrant flag.
0	High School	Water Service Work	7/26/18	Water	Worked with A&D, to test inaccurate water meter. Inspected water line that goes to football field. Line is leaking at yard hydrant and must be fixed, notified Bob Briggs of issue. Talked with Wetzel about installing a water meter for this system, and what size to use.
0	Brook St	Water Service Work	7/26/18	Water	Vacuum water out of vault to old sewer station, to maintenance gate valves on 4" water line, that go to small flushing hydrant, that flushed Angaurd Ln, Inspected and lubricated valve stems and packing, to prepare for future use. Emptied vac trailer.
0	Town Of Littleton, Water Dept	Water Service Work	7/26/18	Water	Mutual Aid, to help clean and exercise gate valves for large shut down, and repair.

0	CPF	Complaint/Investigation - Water	7/26/18	Water	Studied maps of Copeland Dr, Coffman Way, Sandy Pond Rd. Traced water line that feeds CPF. Cleaned and exercise gate valves, 5WG78, 5WG93, gate on Sandy Pond Rd to isolate Copeland Dr. Shut 5WG78, in attempt to stop filter media from getting into CPF. Cleaned out curb box, corner of West Main, and Rogers St
0	Grove Pond	Grounds Maintenance - Water	7/26/18	Water	Grounds maintenance. Trip to Torekue tractor for parts. Fixed flat tire on lawn tractor.
0	Wright Rd	Water Service Work	7/26/18	Water	Finished trench repair, from main break. Cleaned silt out of culvert pipes. Cleaned out truck, from main break. Maintenance on saws and equipment used on main break
0	Wright Rd, culvert	Leak Repair	7/26/18	Water	Repaired water main leak
0	Washington St	Water Service Work	7/26/18	Water	Filled gate replacement trench back to street level. Fueled backhoe. Checked in on Diamico. Exercise water gate 2WG101, and data logged it. Exercise and data logged 5WG88, 87
2	Rogers St	Inspection - Water	7/24/18	Water	out several times w/ contractor
25	Brook St	Misc Water Work Order	7/24/18	Water	union
48	Pearl St	Inspection - Water	7/24/18	Water	out w/ contractor
25	Brook St	Bact-T Sampling	7/24/18	Water	admin and prepare for foremans meeting
21	3rd St	Water Service Work	7/20/18	Water	Finished Wright Rd patch. Unload trucks from main break. Equipment maintenance on all saws, mowing tractor.

					Service line inspection for Littleton Rd development. Trip to Toreakue tractor. Orders meters.
0	Wright Rd	Leak Repair	7/20/18	Water	Repaired water main break
0	Washington St	Water Service Work	7/20/18	Water	Filled repair trench with grindings, to fill pot holes. Fueled backhoe. Checked on Diamico. Vacuumed and exercise valves. Cleaned vac trailer.
115	Washington St	Bact-T Sampling	7/19/18	Water	resample Page, Standpipe and 103 Washington St
99	Barnum Rd	Misc Water Work Order	7/19/18	Water	clean truck put away tools used for water main repair
2	Rogers St	Water Service Work	7/19/18	Water	confirm no existing second shutoff for new house
1	Wright Rd	Leak Repair	7/19/18	Water	finish clean up of water main repair
1	Wright Rd	Leak Repair	7/19/18	Water	shut down, locate and repair water main leak, partially restore area
0	Highland st, Haymeadow Ln	Valve Exercise	7/17/18	Water	Cleaned and exercise gates
0	Pearl St	Water Service Work	7/17/18	Water	Checked on Diamico, looked at new hydrant location, checked hydrant on Jackson St, for leaks.
21	3rd St	Water Service Work	7/17/18	Water	Filled backhoe with fuel
0	Washington St	Water Service Work	7/17/18	Water	Filled trench with more grindings
21	3rd St	Misc Water Work Order	7/17/18	Water	Rebuilt tool carrier, that goes in trailer hitch recover
28	Maple St	Water Service Work	7/17/18	Water	Cut pavement to expose curb stop
0	Washington St	Water Service Work	7/17/18	Water	Cut pavement for hydrant replacement
99	Barnum Rd	Grounds Maintenance - Water	7/17/18	Water	grounds
	Pingry Tank	Water Tank Inspection	7/17/18	Water	
100	Washington St standpipe	Water Tank Inspection	7/17/18	Water	

100	Washington St standpipe	Water Tank Inspection	7/17/18	Water	
	Pingry Tank	Water Tank Inspection	7/17/18	Water	
34	Pearl St	Inspection - Water	7/17/18	Water	out w/ contractor
132	Washington St	Bact-T Sampling	7/17/18	Water	flush cold water taps and resample Page School, sample to lab
99	Barnum Rd	Misc Water Work Order	7/17/18	Water	admin, attend Foremans meeting
36	Pearl St	Inspection - Water	7/13/18	Water	out w/DAmico
67	Nashua St	Inspection - Water	7/13/18	Water	inspect services
25	Brook St	Misc Water Work Order	7/13/18	Water	333 training
99	Barnum Rd	Misc Water Work Order	7/13/18	Water	admin
14	Brook St	Misc Water Work Order	7/13/18	Water	
14	Brook St	Misc Water Work Order	7/13/18	Water	
37	Washington St	Leak Repair	7/13/18	Water	shutdown, replace broken line gate, refill main ,and restore area
142	Washington St	Bact-T Sampling	7/13/18	Water	bac, chlorine and ph sampling
67	Nashua St	Inspection - Water	7/13/18	Water	inspect water services, out w/ Damico Pearl st
21	3rd St	Water Service Work	7/11/18	Water	Build new valve and pipe, fill truck with stone, get misc parts together for Washington st job. Bring Brian's truck to shop. Check on kids a couple times, after getting them set for the day. Handed out fliers for Washington St shut down. Researched automatic flushing stations.
0	Washington St	Leak Repair	7/11/18	Water	Dig trench to investigate leaking, broken gate, install trench box, put two road plates over hole
21	3rd St	Misc Water Work Order	7/11/18	Water	Get supplies for kids to paint storage containers
99	Barnum Rd	Leak Repair	7/10/18	Water	clean and reorganize truck following Sat main break
81	Haymeadow Ln	Misc Water Work Order	7/10/18	Water	ban enforcement and associated admin
37	Washington St	Valve Exercise	7/10/18	Water	excavate gate valve to determine problem,requires replacement

99	Barnum Rd	Misc Water Work Order	7/10/18	Water	lab
					work w/ DAmico services over to temp, kill main
39	Pearl St	Water Service Work	7/10/18	Water	
99	Barnum Rd	Misc Water Work Order	7/6/18	Water	lab
99	Barnum Rd	Misc Water Work Order	7/6/18	Water	lab
7	Union st	Complaint/Investigation - Water	7/6/18	Water	dirty water, flush hydrant
99	Barnum Rd	Misc Water Work Order	7/6/18	Water	fuel up emergency generators
25	Brook St	Misc Water Work Order	7/6/18	Water	prepare for and attend foremans meeting
99	Barnum Rd	Misc Water Work Order	7/6/18	Water	admin
					Checked on Diamico with temp water main, and temp service line job. Hydrant on corner of Jackson and Howard leaks when shut off. Did more tracing Main for golf course. Housecleaning Grove
0	Pearl St	Water Service Work	7/2/18	Water	
0	Trevor trail, to Nashua St extension	Water Service Work	7/2/18	Water	Marked cross country water main
0	Westford Rd, Snake Hill Rd	Water Service Work	7/2/18	Water	Prepped water trenches for pavement.
					Checked on Seal harbor/ Nashua st project. Informed foremanMike of cross country water main. Checked on Pearl St project, spoke to Diamoco foreman. Organized trench pavement jobs with Wally. Started tracing water main into Shaker Hills Golf course.
21	3rd St	Misc Water Work Order	7/2/18	Water	
0	Snake hill Rd	Valve Exercise	6/28/18	Water	Clean and exercise gate valves
0	Pingry stand pipe	Grounds Maintenance - Water	6/28/18	Water	Moved dirt piles, extended parking area
0	Spec Pond, booster station, Washington St stand pipe	Grounds Maintenance - Water	6/28/18	Water	Cut grass weed whacked, helped engineer with monster wells
0	Grove Pond	Grounds Maintenance - Water	6/28/18	Water	Cut grass, weed whacked wells, retention basin, pipe

					yard. Fixed hole in mower tire. Talked to Mark about kids program.
2	Rogers St	Dig-Safe - Water	6/28/18	Water	try to find service for contractor
40	Washington St	Complaint/Investigation - Water	7/13/18	Water	Replace broken gate
30	Washington	Water Service Work	7/13/18	Water	Replace broken valve
55	Wright rd	New Meter Installation	7/16/18	Water	Upgrade