



## MONTHLY REPORT

### April 2019

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

- Working on Water Master Plan Update Report
- Working on updating Water / Wastewater Emergency Response Plans
- Construction Administration for Highway Storage Garage
- Cleared site for Highway Storage Garage
- Success in getting East Main Street Reconstruction Project scheduled for bid in Fall 2019
- Construction Administration for Oak and Prospect St CDBG project. Project will begin construction in early June.
- Success in obtaining Vulnerability Planning Grant Application for \$35,000
- Kick off meeting with Architect for Senior Center Feasibility Study
- Completed the design for the Grove Pond PFAS Treatment Plant and advertised for bids. Bid opening on June 5.
- Implemented Parking Management improvements including Resident Parking Zone and Commuter parking at Depot Square
- Working with Office of Community Development on submitting a MassWorks Grant for West Main Street
- Attended and presented at Ayer PFAS Community Forum
- Working with Planning Department on updating subdivision regulations
- Finalizing design of West Main Street Bridge Improvements
- Working with ASRSD Superintendent on developing a scaled down Athletic Field Plan
- Working with implementation of on-line permitting program
- Completed construction of Wastewater Treatment Plant Improvements – Phase 1 (Safety / Code related)
- Design of Wastewater Treatment Plant Improvements – Phase 2
- Managing meter upgrade project including emphasis on commercial meters
- Working with Community Garden group on layout of garden and site preparation
- Prepared bid document for 3-year paving contract for Chapter 90 projects
- Working with Castle Rock TV series for filming on DPW property
- Quarterly water and sewer bills were prepared and sent out for 3 routes
- Sold Transfer Station permits and PAYT bags
- Prepared for Annual Town Warrant Articles and presentations

- Processed Dig Safe Requests
- Reviewed and responded to questions and issues related to water and sewer bills and process abatement requests
- Processed and approved Road Opening Permits, Trench Permits and Water & Sewer Connection Permits

#### **Highway / Stormwater Division**

- Completed street sweeping of all town roads
- Prepared mowing equipment and began mowing of Town properties
- Cleaned and maintained all snow plows and snow / ice equipment for summer storage
- Removed debris / beaver blockages from culverts throughout Town
- Painted lines on roads throughout Town
- Paved potholes, shoulders and utility trenches 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**

- All NPDES permit requirements were in compliance for the month
- Contractor hauled sludge
- Cleaned UV Disinfection units
- Repaired sludge pumps
- 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**

- Prepared and submitted Annual Statistics Report as required by MassDEP
- Working with US Army Corp of Engineers for installation of temporary treatment at Grove Pond Wellfield
- Completed installation of meter vault at Barnum Road Interconnection
- Added data to H2O Water Reporting software and submitted monthly reports to MADEP
- Continued media cleaning and regeneration at Grove Pond and Spec Pond WTPs
- 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
- Working with organic food waste collection operation
- Worked with Castle Rock Production to move leaf pile and to chip / grind all brush on Bishop Road brush dump site. This represented about a \$20,000 savings to the Town
- Brush chipping and hauling fall leaves to brush dump / compost area off Bishop Road
- Coordinated solid waste / recycling disposal including waste oil, scrap metals, textiles

**Monthly Work Order Summary**

Address	Street Name	Work Type	Date	DPW Division	Description
25	Park St	Street Sweeping	4/3/2019	Highway	Street sweeping Park St.
14	Brook St	Sidewalk Sweeping	4/3/2019	Highway	Side walks swept and rail trail
9	Groton School Rd	Street Sweeping	4/3/2019	Highway	Street sweeping Groton School Rd
31	Central Ave	Street Sweeping	4/3/2019	Highway	Street sweeping Central Ave.
85	Washington St	Street Sweeping	4/3/2019	Highway	Street sweeping Washington St.
115	Washington St	Street Sweeping	4/3/2019	Highway	Street sweeping Groton Harvard Rd.
95	Groton Harvard Rd	Street Sweeping	4/3/2019	Highway	Street sweeping Groton Harvard Rd.
	Shadow Ln	Dig-Safe - Highway	4/3/2019	Highway	20191316116 - Repair Telephone Drop Liner. Work site is on right side of Shadow Lane approx 50 ft in from intersection of Shawdow Lane/ Groton School Rd. Working side of road. Area is premarked. Start date: 4/3/19
8	Calvin St	Dig-Safe - Highway	4/3/2019	Highway	20191313339 - Install Fence on Right side of property. Area is NOT premarked. Start date: 4/2/19.
2	Pierce Ave	Dig-Safe - Highway	4/3/2019	Highway	20191402379 -Removing 8 Stumps. Working on Right hand side of road. Start at intersection going down Pierce Ave. Area is premarked. Start date: 4/4/19
19	Hibiscus Ln	Dig-Safe - Highway	4/3/2019	Highway	20191316042 - Remove trees/Stumps, Demo deck & Install paveres. Work entire rear property. Area is NOT premarked. Start date: 4/3/19

77	- 91 Woodland Way	Dig-Safe - Highway	4/3/2019	Highway	20191400591 - Install New Water & Sewer lines. Working in the St. & St. to property. Area is premarked. 77-91 Woodland Way. Start date 4/4/19
9	Grove St	Dig-Safe - Highway	4/3/2019	Highway	20191314566 - Water Gate Valve replacement. Working travel lane. Area is premarked. Start date: 4/3/19
0	Lawton St.	Repair Broken Sign	4/5/2019	Highway	Repainted and fixed Richard V. Bemis Sq. sign.
17	Bligh St	Catch Basin Repair	4/5/2019	Highway	Repaired basin with sink hole. 20 brick, 2 bags concrete
50	Sandy Pond Rd	Street Sweeping	4/5/2019	Highway	Street sweeping Sandy Pond Rd.
19	Willow Rd	Street Sweeping	4/5/2019	Highway	Street sweeping Willow Rd.
14	Brook St	Misc Special Event	4/11/2019	Highway	Plow damage racked out and seeded around town
0	Groton school Rd	Dead Animal Removal	4/11/2019	Highway	Dead turkey
1	Main St.	Main St Trash	4/11/2019	Highway	Town trash
25	Groton School Rd	Dig-Safe - Highway	4/11/2019	Highway	#20191507095 excavating to upgrade electrical trench & pouring new concrete pads-working at entire property, all units
12	High St	Dig-Safe - Highway	4/11/2019	Highway	#20191506047 install new gas service in street, street to house
15	Highland Ave	Dig-Safe - Highway	4/11/2019	Highway	#20191508039 Repair water service-in travel lane and property line-Ayer water department doing work
	near 30 Central Ave	Dig-Safe - Highway	4/11/2019	Highway	#20191507233 working within railroad row between Central Ave & Main St to gain access . Access from behind Compassionate Care towards RR tracks-working on 150' section of existing track-Scott Evens 857-408-4017
5	Fletcher St	Dig-Safe - Highway	4/12/2019	Highway	20191516056 -Install New Gas Service. In Street, Street to house. Area is premarked. Start date: 4/18/19
53	Groton Harvard Rd	Dig-Safe - Highway	4/12/2019	Highway	20191515971 - Corrosion Work. Working in Street & Street to building. Nat'l Grid-Gas. Start date: 4/18/19
25	Groton School Rd	Dig-Safe - Highway	4/16/2019	Highway	20191604146 - Working at Lots 24,25 & 26 at Trailer Park. Dig to locate Water & Sewer Lines Area is premarked. Start date: 4/19/19.

1	E Main St	Dig-Safe - Highway	4/16/2019	Highway	20191603999 - Remove, Replace, & Install new fence. Rear of house. Please call owner before going to site Mike Sferrino 978-727-5799 alt. # 978-870-6042. Area is NOT premarked. Start date: 4/19/19
13	Park St	Dig-Safe - Highway	4/16/2019	Highway	20191600018 - Working vacant lot between poles 4 & 5 to the right side of 13 Park St. (pharmacy). Nature of work: Testing soil - Entire vacant lot. Start date: 4/18/19.
19	Sculley Rd	Misc Sidewalks	4/16/2019	Highway	Found a shallow pot hole in the road in front of her house we will add it to the patching list but found nothing else
	Groton Harvard Rd at Oak Ridge	Road Striping & Marking	4/16/2019	Highway	cross walk needs to be painted Heather Hasz 978-390-2700
43	Groton Harvard Rd	Add New Sign	4/16/2019	Highway	Resident requesting that cross walk signs be added each direction, states that the sign coming up from Central is too small and unreadable because it's faded per Daniel Coelho.
6	Grosvenor St	Pot Hole	4/16/2019	Highway	Resident stating that pothole is in part of sidewalk & end of driveway. Please take a look. 3/26/19
38	Williams St	Pot Hole	4/16/2019	Highway	No specific location given on Williams Street. Request is from #38. 978-772-4566 or 978-302-6167
	Willard St	Dig-Safe - Highway	4/18/2019	Highway	20191603823 - Replace Pole# 22 & Anchor. Working side of road, Mark 25' around pole. Area is premarked. If any questions call Stu Keogh 508-340-0283 M# 28069043. Start date: 4/19/19
40	Littleton Rd	Dig-Safe - Highway	4/19/2019	Highway	20191614679 - Emergency Gas Repair. Working St, St to house & 50' in both direction, crew is on site. Area is premarked.
64	Washington St	Misc Street Maintenance	4/19/2019	Highway	The crew back filled the new sidewalk with loam and seed from last fall repaving and sidewalk replacement.

23	Mill St	Dig-Safe - Highway	4/19/2019	Highway	20191612756 - Replace Pole # 2 & Downground. Working side of road, close to 23 Mill St. Mark 25' around pole. Area is premarked. If any questions call Ryan Gough 978-621-5570 WR# 18752702. Start date: 4/24/19.
132	Main St	Dig-Safe - Highway	4/23/2019	Highway	20191700926 - Installing a fence around perimeter of property. Area is premarked. Start date: 4/25/19
96	Washington St	Dig-Safe - Highway	4/23/2019	Highway	20191704400 - Remove Pool in Back yard. Area is NOT premarked. Start date: 4/25/19.
79	Sandy Pond Rd	Dig-Safe - Highway	4/29/2019	Highway	20191800928 - Emergency Dig Safe Water Service Repair, working at Curb box edge of street on private property. Area is premarked. 4/29/19
5	A Samantha Ln	Dig-Safe - Highway	4/29/2019	Highway	20191719034 - Install Walk Way front and left side of house. Working at 5A Samantha Lane. Area is premarked. Start date: 5/1/19.
87	Littleton Rd	Dig-Safe - Highway	4/29/2019	Highway	20191706013 - Relocate tree 5 ft. Front of property. Area is premarked. Start date:4/26/19
10	Harvard Rd	Mowing	4/29/2019	Highway	3 guys mowing and trimming rotary and triangle
	Barnum Rd	Dig-Safe - Highway	4/29/2019	Highway	20191708352 - Environmental Drilling. Located within Massachusetts Army National Guard Property, in woods south of former Ayer Pump Station. Start date: 4/26/19.
141	Washington St	Dig-Safe - Highway	4/29/2019	Highway	20191705522 - Install Meter Pit, location is at the football field entrance. Area is premarked. Called in by Greg Cormier. Start date: 4/26/19
52	Central Ave	Dig-Safe - Highway	4/29/2019	Highway	20191704276 - Rock Drill Pole # 14 (25' radius) Pole set & anchor. Working side of street. Area is premarked. Start date: 4/26/19.
48	Central Ave	Dig-Safe - Highway	4/29/2019	Highway	#20191711554 drilling & blasting for foundation-previous request #20191305880

54	Central Ave	Dig-Safe - Highway	4/29/2019	Highway	#20191711561 drilling & blasting for foundation-previous request #20191305892
25	Groton School Rd	Dig-Safe - Highway	4/29/2019	Highway	20191714141 - Mobile Home Park at 25 Groton School. Excavate to rebuild 2 Water Meter Pits. Work front left & front right sides of property. Area is premarked. Start date: 4/30/19
0	Newton street	Add New Sign	4/29/2019	Highway	Installed four resident only signs
0	lower pleasant street	Add New Sign	4/29/2019	Highway	Installed three resident only signs
0	Cambridge street	Add New Sign	4/29/2019	Highway	Installed three resident only signs between Columbia and Washington streets
12	High St	Dig-Safe - Highway	4/30/2019	Highway	20191805515 Previous Request 20191506047 Install New Gas Service. Working in street, street to house. Area is premarked. Start date: 5/3/19
	Groton St	Dig-Safe - Highway	4/30/2019	Highway	20191707105 - Remove existing parking lot to Inst Parking. Extent of work: Garage//Please mark width from Groton St. all the way into far end of parking lot. Working in Groton St. & Entire parking area. Area is premarked. Start date: 4/26/19.
48	Main St	Dig-Safe - Highway	4/30/2019	Highway	20191700587- Relay Gas Service. Work on private property. Area is premarked. Start date: 4/25/19
37	Main St	Dig-Safe - Highway	4/30/2019	Highway	20191700515 - Relay Gas Service. Working in Street, Street to Building. Area is premarked. Start date: 4/25/19
28	Harvard Rd	Dig-Safe - Highway	4/30/2019	Highway	20191806524 - Demo bldg, Inst found, gas, water-sewer, drain elect. Working entire property. Area is permarked. Start date: 5/3/19
114	E Main St	Dig-Safe - Highway	4/30/2019	Highway	20191802726 - Location is American Superconductor. Asphalt Patching. Working entire parking lot. Area is premarked. Start date: 5/2/19

83	Washington St	Dig-Safe - Highway	4/30/2019	Highway	20191701924 - Install New Sewer Line. From Nashua St. into the property on 83 Washington St. Property is bounded by Nashua St. & Washington St. Area is premarked. Anthony Buxton 978-857-9493. Start date: 4/25/19.
9	Shirley St	Dig-Safe - Highway	4/30/2019	Highway	20191700404 - Install New Gas Service. Working in Street, Street to house. Excavating on Mechanic Street. Area is premarked. Start date: 4/25/19.
215	W Main St	Dig-Safe - Highway	4/30/2019	Highway	20191807274 - Install new water service, include tap. Working from St. to pumping station. Area is premarked. Start date: 5/3/19 Rich Silveria 978-772-7171
100	Groton Harvard Rd	Vendor Coordination	4/22/2019	Solid Waste	4/15/19 Single stream recycling containers to be changed out Tuesday 4/16/19
100	Groton Harvard Rd	Vendor Coordination	4/22/2019	Solid Waste	4/1/19 MSW trailer to be changed out Tuesday morning.
100	Groton Harvard Rd	Vendor Coordination	4/22/2019	Solid Waste	4/1/19 Single stream containers to be changed out Tuesday 4/2/19.
100	Groton Harvard Rd	Vendor Coordination	4/22/2019	Solid Waste	4/15/19 MSW trailer to be changed out Tuesday 4/16/19
100	Groton Harvard Rd	Vendor Coordination	4/30/2019	Solid Waste	4/29/19 universal waste will be picked up Tuesday 4/30/19
100	Groton Harvard Rd	Vendor Coordination	4/30/2019	Solid Waste	4/29/19 MSW trailer to be changed out Tuesday 4/30/19
9	Grove St	Dig-Safe - Wastewater	4/1/2019	Wastewater	20191314566 - Water Gate Valve replacement. Working travel lane. Area is premarked. Start date: 4/3/19
	DPW Brush Dump	Dig-Safe - Wastewater	4/1/2019	Wastewater	20191310369 - Dig for footings for Movie Set. Working in the back of property. Area is NOT premarked. Start date 4/1/19
	Former DPW Sludge Landfill	Dig-Safe - Wastewater	4/1/2019	Wastewater	20191303379 - Environmental Drilling. Woods South of Town of Ayer DPW former Sludge Landfill. Area is premarked. Start date: 3/29/19.
	Commuter Rail Parking Lot	Dig-Safe - Wastewater	4/1/2019	Wastewater	20191300568 - Digging to install drainage lines & exc. for sewer. Work Improvements Entire Pkg.lot.

					Area is premarked. Start date: 3/28/19
77-91	Woodland Way	Dig-Safe - Wastewater	4/1/2019	Wastewater	20191400591 - Install New Water & Sewer lines. Working in the St. & St. to property. Area is premarked. 77-91 Woodland Way. Start date 4/4/19
	Shadow Ln	Dig-Safe - Wastewater	4/1/2019	Wastewater	20191316116 - Repair Telephone Drop Liner. Work site is on right side of Shadow Lane approx 50 ft in from intersection of Shawdow Lane/ Groton School Rd. Working side of road. Area is premarked. Start date: 4/3/19
2	Pierce Ave	Dig-Safe - Wastewater	4/2/2019	Wastewater	20191402379 -Removing 8 Stumps. Working on Right hand side of road. Start at intersection going down Pierce Ave. Area is premarked. Start date: 4/4/19
19	Hibiscus Ln	Dig-Safe - Wastewater	4/3/2019	Wastewater	20191316042 - Remove trees/Stumps, Demo deck & Install paveres. Work entire rear property. Area is NOT premarked. Start date: 4/3/19
27	Grove St	Jetting/Cleaning	4/5/2019	Wastewater	Jett and clean grove street
10	Markham Cir	Jetting/Cleaning	4/5/2019	Wastewater	jett and clean Markham Circle
25	Brook St	Misc Wastewater Work Order	4/8/2019	Wastewater	wash down secondary clarifiers
25	Brook St	Sampling	4/8/2019	Wastewater	Take all daily samples and do lab and process control of plant for week of 25 march -29 march
25	Brook St	Misc Wastewater Work Order	4/8/2019	Wastewater	DO MONTHLY MAINTENANCE ON UV1
179	W Main St	Pump/Compressor Maintenance	4/10/2019	Wastewater	MONTHLY MAINTENANCE
12	High St	Dig-Safe - Wastewater	4/10/2019	Wastewater	#20191506047 install new gas service in street,street to house
15	Highland Ave	Dig-Safe - Wastewater	4/10/2019	Wastewater	#20191508039 Repair water service-in travel lane and property line-Ayer water department doing work
25	Groton School Rd	Dig-Safe - Wastewater	4/10/2019	Wastewater	#20191507095 excavating to upgrade electrical trench & pouring new concrete pads-working at entire property, all units

	near 30 Central Ave	Dig-Safe - Wastewater	4/10/2019	Wastewater	#20191507233 working within railroad row between Central Ave & Main St to gain access . Access from behind Compassionate Care towards RR tracks-working on 150' section of existing track-Scott Evens 857-408-4017
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53	Groton Harvard Rd	Dig-Safe - Wastewater	4/17/2019	Wastewater	20191515971 - Corrosion Work. Working in Street & Street to building. Nat'l Grid-Gas. Start date: 4/18/19
23	Mill St	Dig-Safe - Wastewater	4/19/2019	Wastewater	20191612756 - Replace Pole # 2 & Downground. Working side of road, close to 23 Mill St. Mark 25' around pole. Area is premarked. If any questions call Ryan Gough 978-621-5570 WR# 18752702. Start date: 4/24/19.
7	Fitchburg Rd	Complaint/Investigation - Wastewater	4/19/2019	Wastewater	noisy manhole cover,

40	Littleton Rd	Dig-Safe - Wastewater	4/19/2019	Wastewater	20191614679 - Emergency Gas Repair. Working St, St to house & 50' in both direction, crew is on site. Area is premarked.
9	Shirley St	Dig-Safe - Wastewater	4/22/2019	Wastewater	20191700404 - Install New Gas Service. Working in Street, Street to house. Excavating on Mechanic Street. Area is premarked. Start date: 4/25/19.
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83	Washington St	Dig-Safe - Wastewater	4/22/2019	Wastewater	20191701924 - Install New Sewer Line. From Nashua St. into the property on 83 Washington St. Property is bounded by Nashua St. & Washington St. Area is premarked. Anthony Buxton 978-857-9493. Start date: 4/25/19.
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96	Washington St	Dig-Safe - Wastewater	4/24/2019	Wastewater	20191704400 - Remove Pool in Back yard. Area is NOT premarked. Start date: 4/25/19.
	Groton St Rail Trail Parking Lot.	Dig-Safe - Wastewater	4/24/2019	Wastewater	20191707105 - Remove existing parking lot to Inst Parking. Extent of work: Garage//Please mark width from Groton St. all the way into far end of parking lot. Working in Groton St. & Entire parking area. Area is premarked. Start date: 4/26/19.
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54	Central Ave	Dig-Safe - Wastewater	4/24/2019	Wastewater	#20191711561 drilling & blasting for foundation-previous request #20191305892

48	Central Ave	Dig-Safe - Wastewater	4/24/2019	Wastewater	#20191711554 drilling & blasting for foundation-previous request #20191305880
	Barnum Rd	Dig-Safe - Wastewater	4/24/2019	Wastewater	20191708352 - Environmental Drilling. Located within Massachusetts Army National Guard Property, in woods south of former Ayer Pump Station. Start date: 4/26/19.
48	Main St	Dig-Safe - Wastewater	4/24/2019	Wastewater	20191700587- Relay Gas Service. Work on private property. Area is premarked. Start date: 4/25/19
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79	Sandy Pond Rd	Dig-Safe - Wastewater	4/30/2019	Wastewater	20191800928 - Emergency Dig Safe Water Service Repair, working at Curb box edge of street on private property. Area is premarked. 4/29/19
114	E Main St	Dig-Safe - Wastewater	4/30/2019	Wastewater	20191802726 - Location is American Superconductor. Asphalt Patching. Working entire parking lot. Area is premarked. Start date: 5/2/19
5	A Samantha Ln	Dig-Safe - Wastewater	4/30/2019	Wastewater	20191719034 - Install Walk Way front and left side of house. Working at 5A Samantha Lane. Area is premarked. Start date: 5/1/19.
	Shadow Ln	Dig-Safe - Water	4/1/2019	Water	20191316116 - Repair Telephone Drop Liner. Work site is on right side of Shadow Lane approx 50 ft in from intersection of Shawdown Lane/ Groton School Rd. Working side of road. Area is premarked. Start date: 4/3/19
19	Hibiscus Ln	Dig-Safe - Water	4/1/2019	Water	20191316042 - Remove trees/Stumps, Demo deck & Install paveres. Work entire rear property. Area is NOT premarked. Start date: 4/3/19
0	Barnum Rd	Water Service Work	4/1/2019	Water	Cut trees behind backwash tank. Marked out sites for test pits. Cut trees for test pits, and made access road.

45	Barnum Rd	Water Service Work	4/1/2019	Water	CB class. Filled out equipment maintenance logs. Dig safes. Cleaned garage
45	Barnum Rd	Water Service Work	4/1/2019	Water	Data entry. Shuttled trucks for CB programming. T2 class
45	Barnum Rd	Water Service Work	4/1/2019	Water	Filled truck with stone, emptied truck at end of day. Fueled truck. Emptied and cleaned vac trailer
0	Mill St, next to train bridge	Water Service Work	4/1/2019	Water	Installed two bollards in front of hydrant
0	Brook St/ Sewer plant	Water Service Work	4/1/2019	Water	Install two bollards, in front of Eddy hydrant, that was just repaired
28	Harvard Rd	Water Service Work	4/1/2019	Water	Search for line gate, for fire line. Lots of buried metal, made locating difficult. Dump run. T2 class
0	Groton School Rd, Fitchburg Rd, Park st	Water Service Work	4/1/2019	Water	Walk entire street, finding gates, to clean and maintain
45	Barnum Rd	Water Service Work	4/1/2019	Water	Prep and paint F350 dump body
28	Harvard Rd	Water Service Work	4/1/2019	Water	Final located fire line gate, its in travel lane, paved over. Cut open 3 layers of pavement, cleaned gate box, turned valve, raised gate box, patched pavement.
45	Barnum Rd	Water Service Work	4/1/2019	Water	Cleaned vac trailer, restock service truck
0	Depot Square	Water Service Work	4/1/2019	Water	Used backhoe, filled hole from water line repair
0	Central Ave	Water Service Work	4/1/2019	Water	Study Map. Cleaned and exercise gates. Monitor blasting crew.
0	Groton School Rd	Water Service Work	4/1/2019	Water	Prep vac trailer. Fire flow test at last hydrant on St. Cleaned and turned gates from Douglas Dr, to Groton St
0	Grove plant	Water Service Work	4/1/2019	Water	Pick up chipper, chip brush, return chipper
2	Pierce Ave	Dig-Safe - Water	4/5/2019	Water	20191402379 -Removing 8 Stumps. Working on Right hand side of road. Start at intersection going down Pierce Ave. Area is premarked. Start date: 4/4/19
89	Hemlock Dr	Dig-Safe - Water	4/5/2019	Water	20191400591 - Install New Water & Sewer lines. Working in the St. & St. to property. Area is premarked. 77-91 Woodland Way. Start date 4/4/19
99	Barnum Rd	Misc Water Work Order	4/5/2019	Water	rounds, inspect all water facilities,

99	Barnum Rd	Misc Water Work Order	4/5/2019	Water	rounds, batch chemicals , order chemicals, flush lines and instrumentation
99	Barnum Rd	Bact-T Sampling	4/5/2019	Water	rounds, accept bulk chemical delivery both plants,lab, batch chemicals
99	Barnum Rd	Misc Water Work Order	4/5/2019	Water	admin , work on files and maps
45	Barnum Rd	Meter Testing	4/5/2019	Water	Tried to read meters, equipment would work. Contact Brian at Ti Sales, Peter Elwell, and Cindy to try to fix things. Result is malfunctioning cables, and poorly cared for equipment. New cables will be picked up at Ti Sales Monday morning
15	Pingry Way	Homeowner Follow-Up - Water	4/5/2019	Water	Test water pressure static and flowing, per homeowner request. 60psi, 6.5 game. Inspected meters and valves. I believe he has loose pipes in walls, and not a high pressure issued
45	Barnum Rd	Water Service Work	4/5/2019	Water	Read meters
8	Woodland Way	Inspection - Water	4/5/2019	Water	Final inspection and sign off
45	Barnum Rd	Misc Water Work Order	4/5/2019	Water	Worcester show
0	Groton School Rd	Water Service Work	4/5/2019	Water	Studied maps, walked street again, looking for a gate valve that was possibly paved over. Found one near John Riley Rd. Marked it, cut asphalt around it. Marked out gates to clean and turn, that influence Harvard Rd
0	Pironee Park, Sandy Pond beach	Water Service Work	4/5/2019	Water	Meet with plumbers. Turn on water, to all buildings. Inspect all meters. Stayed with plumbers, until they were finished, in case water needed to be shut off
0	East end	Valve Exercise	4/5/2019	Water	Cleaned and turned and data logged valves, that will be used to shut off Grove St, for valve replacement.
45	Barnum Rd	Misc Water Work Order	4/5/2019	Water	Inspected rotted floor in GMC. Brought it to Central Ave collision to ask if they would fix it. Dig safes.
99	Barnum Rd	Water Quality Sampling	4/5/2019	Water	Rounds lab for spec pond and grove pond wtf's,worked with W-4 cutting the road to expose valve for water main.
99	Barnum Rd	Misc Water Work Order	4/5/2019	Water	Drained down backwash tanks at Grove pond to check sediment in

					tanks. did maintenance on CI-17 at grove pond.
99	Barnum Rd	Water Quality Sampling	4/5/2019	Water	rounds, lab for spec pond and grove pond Wtf's
99	Barnum Rd	Misc Water Work Order	4/9/2019	Water	Admin, prep for and attend foremans meeting
99	Barnum Rd	Misc Water Work Order	4/9/2019	Water	rounds, inspect all water facilities, plant maint, lab
	near 30 Central Ave	Dig-Safe - Water	4/12/2019	Water	#20191507233 working within railroad row between Central Ave & Main St to gain access . Access from behind Compassionate Care towards RR tracks-working on 150' section of existing track-Scott Evens 857-408-4017
25	Groton School Rd	Dig-Safe - Water	4/12/2019	Water	#20191507095 excavating to upgrade electrical trench & pouring new concrete pads-working at entire property, all units
99	Barnum Rd	Misc Water Work Order	4/12/2019	Water	assist with air scours,regen
99	Barnum Rd	Misc Water Work Order	4/12/2019	Water	call EII and try to resolve SCADA issues
	Spec pond	Misc Water Work Order	4/12/2019	Water	assist w air scours and plant maint.
99	Barnum Rd	Misc Water Work Order	4/12/2019	Water	admin and collect sample bottles from lab to perform QTr 2 sampling
	Spec pond	Misc Water Work Order	4/12/2019	Water	turbidity up, backwash Spec, several red water complaints, flush Westford Rd area
10	Harvard Rd	Misc Water Work Order	4/12/2019	Water	set up and remove planter to be stored at Fire station
99	barnum rd	Misc Water Work Order	4/12/2019	Water	set up for and test back siphoning valves , chemical tanks
99	Barnum Rd	Misc Water Work Order	4/12/2019	Water	admin
	Spec Pond	Complaint/Investigation - Water	4/12/2019	Water	trouble shoot failure of Well # 2A Spec with Maher
145	Oak Ridge Dr	Final Read	4/12/2019	Water	
36	Westford rd	New Meter Installation	4/12/2019	Water	
24	pleasant st	Final Read	4/12/2019	Water	
10	Winthrop ave	New Meter Installation	4/12/2019	Water	
291	woodland way	New Meter Installation	4/12/2019	Water	
130	woodland wag	New Meter Installation	4/12/2019	Water	

24	woodland way	New Meter Installation	4/12/2019	Water	
0	Ayer dog park	Shut Off	4/12/2019	Water	Turn on water
	Spec Pond	Misc Water Work Order	4/18/2019	Water	rounds, batch chemicals, plant maint
99	Barnum Rd	Bact-T Sampling	4/18/2019	Water	bacteria, ph and chlorine sampling townwide
0	Rosewood neighborhood	Valve Exercise	4/18/2019	Water	Cleaned and turned gates
91	Groton School Rd	Complaint/Investigation - Water	4/18/2019	Water	Pressure test a couple spots in house. Determined that one valve in house is bad
45	Barnum Rd	Water Service Work	4/18/2019	Water	Modified gate box extensions for stock. Raised curb box 6 Mnt View Ave. Cut open Pavement on Groton School Rd, exposed paved over box. Cleaned out and turned valve, it was open. Raised box, patched pavement.
45	Barnum Rd	Water Service Work	4/18/2019	Water	Dump run. Service land scape trailer. Service weed wavelets, and power broom. Charge batteries in mowers, get mowers running. Inspected new vault at Grove Pond
45	Barnum Rd	Misc Water Work Order	4/18/2019	Water	1/2 sick day, t2 class
45	Barnum Rd	Misc Water Work Order	4/18/2019	Water	Sick kid
45	Barnum Rd	Water Service Work	4/18/2019	Water	Tried to read radio meters, but I couldn't get computer to work. Included Pam, Peter Elwell, and Cindy. Concluded that it was equipment issues, and made appointment with Ti to get figured out. Cleaned shop
45	Barnum Rd	Misc Water Work Order	4/18/2019	Water	Read meters. Final sign off, 8 Woodlawn way
45	Barnum Rd	Water Service Work	4/18/2019	Water	Worcester show
0	Pironee park, Sandy Pond beach	Water Service Work	4/18/2019	Water	Turn on water supply, worked with Bassett plumbing, to clear lines and reinstall meters. Looked for and found paved over gate on Groton School Rd. Marked out gates in East end to raise boxes and turn that influence Harvard Rd
45	Barnum Rd	Water Service Work	4/18/2019	Water	Dump run. Look at rotted floor on GMC. Brought it to Central collision to ask if they would fix it. Dig safes. Cleaned and turned gates in East end, to prepare for gate replacement on Grove St

					20191600018 - Working vacant lot between poles 4 & 5 to the right side of 13 Park St. (pharmacy). Nature of work: Testing soil - Entire vacant lot. Start date: 4/18/19.
13	Park St	Dig-Safe - Water	4/18/2019	Water	
99	Barnum rd	DEP Report	4/18/2019	Water	monthly chemical and chlorine
15	Pingry Way	Complaint/Investigation - Water	4/18/2019	Water	Tested water pressure in a couple locations in house. Customer was concerned about high pressure. It was 65 lbs, not too high
53	Groton Harvard Rd	Dig-Safe - Water	4/18/2019	Water	20191515971 - Corrosion Work. Working in Street & Street to building. Nat'l Grid-Gas. Start date: 4/18/19
23	Mill St	Dig-Safe - Water	4/19/2019	Water	20191612756 - Replace Pole # 2 & Downground. Working side of road, close to 23 Mill St. Mark 25' around pole. Area is premarked. If any questions call Ryan Gough 978-621-5570 WR# 18752702. Start date: 4/24/19.
25	Groton School Rd	Dig-Safe - Water	4/19/2019	Water	
1	E Main St	Dig-Safe - Water	4/19/2019	Water	20191603999 - Remove, Replace, & Install new fence. Rear of house. Please call owner before going to site Mike Sferrino 978-727-5799 alt. # 978-870-6042. Area is NOT premarked. Start date: 4/19/19
	Willard St	Dig-Safe - Water	4/19/2019	Water	20191603823 - Replace Pole# 22 & Anchor. Working side of road, Mark 25' around pole. Area is premarked. If any questions call Stu Keogh 508-340-0283 M# 28069043. Start date: 4/19/19
5	Fletcher St	Dig-Safe - Water	4/19/2019	Water	20191516056 -Install New Gas Service. In Street, Street to house. Area is premarked. Start date: 4/18/19
12	High St	Dig-Safe - Water	4/19/2019	Water	#20191506047 install new gas service in street,street to house
99	Barnum Rd	Bact-T Sampling	4/19/2019	Water	assist with filter re-gen
141	Oak Ridge Dr	Inspection - Water	4/19/2019	Water	inspect gas line repair, remark water
	Woodland Way	Inspection - Water	4/19/2019	Water	inspect partial run plastic service homeowners side

48	Main St	Dig-Safe - Water	4/22/2019	Water	20191700587- Relay Gas Service. Work on private property. Area is premarked. Start date: 4/25/19
37	Main St	Dig-Safe - Water	4/22/2019	Water	20191700515 - Relay Gas Service. Working in Street, Street to Building. Area is premarked. Start date: 4/25/19
9	Shirley St	Dig-Safe - Water	4/22/2019	Water	20191700404 - Install New Gas Service. Working in Street, Street to house. Excavating on Mechanic Street. Area is premarked. Start date: 4/25/19.
99	Barnum Rd	Misc Water Work Order	4/23/2019	Water	rounds , inspect all water facilities
99	Barnum Rd	Bact-T Sampling	4/23/2019	Water	rounds, inspect all water facilities
	Groton St Rail Trail Parking Lot	Dig-Safe - Water	4/23/2019	Water	20191707105 - Remove existing parking lot to Inst Parking. Extent of work: Garage//Please mark width from Groton St. all the way into far end of parking lot. Working in Groton St. & Entire parking area. Area is premarked. Start date: 4/26/19.
99	Barnum rd	Misc Water Work Order	4/23/2019	Water	meeting with Army Corp /pfos
99	barnum Rd	Water Quality Sampling	4/23/2019	Water	Qtr sampling, and lab
25	brook St	Bact-T Sampling	4/23/2019	Water	prepare for and attend foremans meeting
99	Barnum Rd	Bact-T Sampling	4/23/2019	Water	work with cindy, alarm testing procedure update
141	Washington St	Misc Water Work Order	4/23/2019	Water	meet with Briggs re: meter pit for fields
52	Central Ave	Dig-Safe - Water	4/23/2019	Water	20191704276 - Rock Drill Pole # 14 (25' radius) Pole set & anchor. Working side of street. Area is premarked. Start date: 4/26/19.
40	Littleton Rd	Dig-Safe - Water	4/23/2019	Water	20191614679 - Emergency Gas Repair. Working St, St to house & 50' in both direction, crew is on site. Area is premarked.
54	Central Ave	Dig-Safe - Water	4/29/2019	Water	#20191711561 drilling & blasting for foundation-previous request #20191305892
48	Central Ave	Dig-Safe - Water	4/29/2019	Water	#20191711554 drilling & blasting for foundation-previous request #20191305880

79	Sandy Pond Rd	Dig-Safe - Water	4/29/2019	Water	20191800928 - Emergency Dig Safe Water Service Repair, working at Curb box edge of street on private property. Area is premarked. 4/29/19
114	E Main St	Dig-Safe - Water	4/30/2019	Water	20191802726 - Location is American Superconductor. Asphalt Patching. Working entire parking lot. Area is premarked. Start date: 5/2/19
	Barnum Rd	Dig-Safe - Water	4/30/2019	Water	20191708352 - Environmental Drilling. Located within Massachusetts Army National Guard Property, in woods south of former Ayer Pump Station. Start date: 4/26/19.
28	Harvard Rd	Dig-Safe - Water	4/30/2019	Water	20191806524 - Demo bldg, Inst found, water, sewer, drain, gas,elect. Working entire property. Area is permarked. Start date: 5/3/19
12	High St	Dig-Safe - Water	4/30/2019	Water	20191805515 Previous Request 20191506047 Install New Gas Service. Working in street, street to house. Area is premarked. Start date: 5/3/19