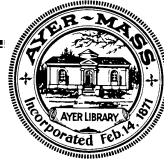


DEPARTMENT OF PUBLIC WORKS

Mark L. Wetzel, P.E., Superintendent
Daniel Van Schalkwyk, Town Engineer
Pamela J. Martin, Business Manager



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MONTHLY REPORT

June, 2016

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

Engineering and Administration

- GIS mapping and inspections of stormwater outfalls as required by MS4 Permit
- Completed design of East Main Street 25% submittal to MassDOT
- Managing East Main Street Water Main installation project
- Assisted ASRHS with lead and copper sampling
- Active involvement in Comprehensive Plan Committee
- Held public meeting on Dog Park design and coordinated survey of site / preliminary design
- Marked out route for Sandy Pond Rd to Wright Road water main for survey and permitting
- Bidding process for Water Division Garage
- Developed GIS mapping for Complete Streets Plan
- Completed Wastewater Asset Management report (Grant)
- Completed Wastewater Pumping Optimization Study (Grant)
- Pre-construction meeting and construction administration for West Main Street Pumping Station
- Working on bid documents for Fuel Station Canopy
- Pleasant Street CDBG grant improvement project shop drawings, public notification and construction schedule
- Submitted Calvin St repaving to MassDOT for Chapter 90 funding
- Installed 6 cellular RTUS for Wastewater Pumping Stations
- Managed meter upgrade project including scheduling and computer account changes
- Quarterly water and sewer bills were prepared and sent out for 3 routes
- Reviewed and responded to questions and issues related to water and sewer bills
- Prepared and distributed 2015 Water Quality Report
- Reviewed several subdivision / site plans for the Planning Board
- Processed and approved Road Opening Permits, Trench Permits and Water & Sewer Connection Permits

Highway / Stormwater Division

- Worked with Conservation Agent to clean up Town conservation land off of Pine Ridge Rd
- Repaired pot holes and shoulders throughout town
- Installed new signs and / or repaired existing signs at various locations in town
- Set up tents, barrels and cleaned up for July 4 celebration
- Repaired 7 catch basins
- Painted lines on main roads in Town
- Weed whacking main roads

Mark Wetzel P.E., Public Works Superintendent

DPW June 2016 Monthly Report

- Worked with NGrid to repave Park St and Groton School Road
- Mowed Police Station, Town Hall, Rotary, Sandy Pond School and other areas in Town
- Performed beaver dam debris removal at the usual locations
- DPW garage / facility maintenance
- Equipment and vehicle maintenance
- Trash and recycling pickup at numerous locations in town
- Completed DIGSAFE mark-outs

Water Division

- Spent a significant amount of time working with the contractor on the construction of East Main Street Water & Sewer Improvements to shut off mains and connect houses to temporary water
- Completed construction and start up of KOH chemical feed system at Spec Pond WTP
- Working on replacing 2 services on Wrightway
- Added data to H2O Water Reporting software and **submitted** reports to MADEP
- Maintenance of chemical feed systems at Grove Pond WTP
- Maintenance of chemical feed systems at Spec Pond WTP
- Completed alarm upgrades 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

SUMMARY OPERATIONS REPORT FOR AYER DPW WATER DIVISION

Month/Year: 2016-06-01 To: 2016-06-30
PWS NO.: 2019000
Submitted By:

Detail/Description	Values					
Pump and Flow Information	Total	Average	Maximum	Minimum	Days	Hours
WTFGP - Backwash	4,395,000	146,500	195,000	47,000	30	0.00
WTFGP - Raw Water	33,618,000	1,120,600	1,602,000	213,000	30	0.00
WTFSP - Raw Water	21,526,000	717,533	1,079,000	164,000	30	0.00
WTFSP - Backwash	595,990	19,866	134,030	-10,000	30	0.00
Chemical Feed Information	Volume/Weight	Pounds	Avg Dosage (mg/L)			
KMnO4 - WTFGP	805.00	193.20	0.74			
KMnO4 - WTFSP	1,269.00	304.56	1.72			
KOH - WTFGP	1,452.00	7,942.44	27.29			
NaOCl - WTFGP	926.00	926.00	3.30			
NaOCl - WTFSP	1,315.00	1,315.00	10.51			
Water Quality Information	Chlorine (Free)	Chlorine (Total)	Chlorine Analyzer (Free)	Chlorine Analyzer (Total)	pH Analyzer	
WTFSP - Finished Water			0.048			
WTFGP - Raw Water					6.929	
WTFGP - Finished Water	0.058	0.216	0.046		7.127	

Wastewater Division

- All NEPS permit requirements were in compliance for the month of June
- Total flow for the treatment plant was 37.6 million gallons with an avg. of 1.295 mgd
- Contractor hauled 16 loads of sludge.
- Implemented Mobile 311 into daily Pumping Station maintenance
- Implemented Maintenance Edge into WWTP maintenance work orders
- Performed mechanical maintenance on Wrightway and Pondview pump stations
- Washed down secondary clarifiers and cleaned UV system.
- Repaired Wastewater Division trucks including new brakes on Utility Body
- 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

Solid Waste Division

- Normal transfer station operations including site clean-up, organization and monthly reports
- Submitted MassDEP RETRAC Grant applications for food waste and mattress recycling programs
- Leaf hauling to brush dump / compost area off Bishop Road
- Coordinated solid waste / recycling disposal including waste oil, scrap metals, textiles
- Completed annual landfill monitoring

June Work Orders Completed

Address	Street Name	Work Type	Description	Comments
28	Washington St	Complaint/Investigation - Water	Smelly water, grey water	Notified resident likely caused by flushing, will follow up after area is flushed
25	Brook St	GPS Location Misc	Conduct stormwater mapping field activities	Conducted mapping field effort on 6/9/16. Next step is to GPS outfalls. Further step will be to field confirm connections shown on stormwater maps that were added based on topography and professional experience.
88	Central Ave	Road Striping & Marking	Crosswalks.	The whole Highway Crew is in Painting Crosswalks Sandy Pond Rd Central Ave & Groton Harvard Rd East Main St Washington St Park St
88	Central Ave	Misc Vehicle Work	Back rack	Wally welded up a back rack for the Ranger Pickup
21	Groton Rd	Repair Broken Sign	Corner of Pleasant and Groton, Stop sign down.	
54	Park St	Street Flags	Ayer PD has a flag that fell down from Main Street.	
206	Haymeadow	New Meter Installation		Installed new meter and radio. Turned water on at street
	Barnum Rd	Misc Water Work Order	Inventory and seek quotes	Inventory and seek quotes
0	Grove plant	Water Service Work		Equipment maintenance
12	Brook st	New Meter Installation		Upgrade meter and radio
29	Wright Rd	New Meter Installation		Upgrade meter and radio
0	Lower side of hill	Flushing		Flushed ware mains
18	Robbins Rd	New Meter Installation		Met plumber for second meter install. Upgrade domestic meter also. Installed radio
34	Pearl St	New Meter Installation		Met with plumber for plumbing repair and second meter install. Turned water on at street
0	W main Ayer animal hospital	Final Read		Final read from radio and meter
13	Easy St	Final Read		Final read from radios and meters
3	Groton School Rd	New Meter Installation		Upgrade meter and radio. Installed meter setter, because meter was installed vertically
210	Snake Hill Rd	Misc Vehicle Work		Mike w lube conveyor chain and service small sander for summer storage
0	west main green mile	Catch Basin Repair		West main by grant rd cut basin to be repaired mike F Dave Bruce and Wally 15 block 20 brick 3 bags concrete
0	west main across from fire station	Catch Basin Repair		Dave and mike F cut basin and prepped for repair today 6/1 Dave Mike F Bruce and Wally repaired basin using 40 brick 7 block

				and 7 bags concrete also a new 8" frame and cover
27	pearl street	Dig-Safe - Highway		Replace water line
117	west main street	Dig-Safe - Highway		Installing anodes
0	school street and prospect	Dig-Safe - Highway		Install new water main
99	Barnum Rd	Misc Water Work Order	Daily rounds, batch chemicals, admin	Daily rounds, batch chemicals, admin
99	Barnum Rd	Misc Water Work Order	Daily lab	Daily lab
19	& 21 Groton street	Dig-Safe - Highway		Retaining wall and drainage
3	McDowell street	Misc Debris Removal		Dave and mike f trimming brush on corner of McDowell and sandy pond road
210	snake hill road	Catch Basin Repair		Basin repair Bruce and Wally new 8 inch frame and cover 3 bags concrete 20 brick and 5 block used
25	Brook St	Misc Special Event	Beaver dams	Bruce Dave and mike f took care of beaver dams at shaker and oak ridge
0	Shirley st saint Mary's	Misc Street Maintenance		Dave and Mike f painting 2 no parking and 3 handy cap spaces
	Barnum Rd	Misc Water Work Order	Daily rounds	Daily rounds
	Barnum Rd	Misc Water Work Order	Daily lab	Daily lab
99	Barnum Rd	Misc Water Work Order	Test SCADA alarms Spec	Test SCADA alarms Spec
33	3rd St	Misc Water Work Order		Math school at NEWW
0	industry route	Water Service Work		Read meter route
199	Haymeadow	Final Read		Read meter and radio
5	Elm St	Misc Water Work Order	Attempt to locate gates for Cedrone	Attempt to locate gates for Cedrone
36	Norwood Ave	New Meter Installation		Install new meter and radio. Turn on at street
44	E Main St	Misc Water Work Order	locate water service	locate water service
46	Norwood Ave	New Meter Installation		Install new meter and radio. Turn water on at street
7	Jonathan Dr	New Meter Installation		Upgraded meter and radio
4	Copeland Dr	New Meter Installation		Upgraded old Neptune meter and radio. Added radio to sensual meter
7	Mark St	Final Read		Final read and upgrade meter and radio.
0	read meter route	Water Service Work		Read meter route
1	Shelly lane	Dig-Safe - Highway		Irrigation upgrade
33	Calvin street	Dig-Safe - Highway		Planting tree
87	holly ridge	Dig-Safe - Highway		Install irrigation
67	hemlock lane	Dig-Safe - Highway		Expand irrigation
25	east main street	Dig-Safe - Highway		Remove and replace sidewalk
99	Barnum Rd	Misc Water Work Order	Daily rounds, batch chemicals	Daily lab, batch chemicals
99	Barnum Rd	Misc Water Work Order	Daily lab	Daily lab
39	E Main St	Misc Water Work Order	Fill in for Cindy w/Cedrone	Fill in for Cindy w/Cedrone

13	E Main St	Misc Water Work Order	Place homes on new main, upgrade if needed	E Main St /Cedrone
25	Brook St	Mowing		Dave m swept Main Street Mike f weekly trash pickup mowed townhall police station and rail trail Finished painting handicap areas on Shirley street
25	Brook St	Misc Vehicle Work		Mike and Wally fabricate new attachment for transfer station loader
0	east Main Street	Misc Special Event		Deliver detour signs to Cedrone for closure of east Main Street on Saturday 6/4/16
25	East Main St	Dig-Safe - Wastewater	Remove and replace the sidewalk	Bryan marked the street and the property
19	Groton St	Dig-Safe - Wastewater	repair retaining wall and installing drainage	Bryan marked the property and the street
67	Hemlock Ln	Dig-Safe - Wastewater	expanding irrigation system	Bryan marked the street and the property
4	Doug Dr	New Meter Installation		Upgraded both domestic and irrigation meters and radio. Installed reset tee on irrigation meter.
0	east end	Water Service Work		Read meters
7	, 7A Falkner St	Water Service Work		Disconnected temporary water service. Hooked up new service line, upgraded meters where necessary
37	East Main St	Water Service Work		Disconnected temporary water service line. Hooked up new service line. Upgraded meter where necessary
3	East MainSt	Water Service Work		Disconnected temporary water service. Hooked up new service line, upgraded meters where necessary
97	holly ridge road	Dig-Safe - Highway		Irrigation and walkway
108	west main street	Dig-Safe - Highway		Raising rim and cover
25	Brook St	Repair Work		Mike w replacing wheel bearings and tires on street sweeper
0	Town Lawns	Mowing		Bruce Dave M & Mike F are out cutting the Rotary & Little Red School House and some of the Islands.
99	Barnum Rd	Misc Water Work Order	Daily rounds, prepare for Foremans meeting	Daily rounds, prepare for Foremans meeting
99	Barnum Rd	Misc Water Work Order	Daily lab, batch chemicals	Daily lab, batch chemicals
	E Main St	Misc Water Work Order	Upgrade all required meters and put back on permanent water/ Cedrone	Upgrade all needed meters and switch from temp to new water E Main St/ Cedrone
0	East Main St area	Water Service Work		Removed all temporary water services from houses. Hooked plumbing back together. Upgraded meters where necessary and turned on new service lines. Brian,Rick,and Scott

4	Doug Dr	New Meter Installation		Upgraded domestic and irrigation meters, and added radio. Used meter resetter for irrigation meter.
28	Longview Cr	New Meter Installation		Installed new meter and radio. Turned on water at curb
0	Main St	Flushing		Put down sandbags and flushed Main St and side streets leading down to Main. Flushed a couple hydrants on West Main
49	Park St	Misc Street Maintenance		Had Bruce & Dave M saw cut Brook St to tie in hand burm for dry cleaners to try and keep road storm water out of there parking lot to stop the flooding of there building.
25	Brook St	Misc Special Event		Wally is installing a new bathroom fan in men's office bathroom.
0	The V down by Rotary	Edging & Trimming		MassDOT cut down 4 dieing trees last week for us I have Curtis Stump Grinding coming into grind stumps on 6\8\2016
	Fletcher St	Jetting/Cleaning	6/6/16	Jetted 280' section where we found blockage during camera job
	Fitchburg Rd	Dig-Safe - Wastewater	Digging to inspect foundations	Bryan marked along the side of the road near the disafe marks, "No Sewer"
39	East Main St	Water Service Work		Hooked up new service line.
99	Barnum Rd	Grounds Maintenance - Water	Grounds at Grove and Pulpit Rock	Grounds at Grove and Pulpit Rock
99	Barnum Rd	Misc Water Work Order	SCADA and East Main St meetings	SCADA and East Main St meetings
99	Barnum Rd	Misc Water Work Order	Daily lab	Daily lab
0	West Main/Shirley St area	Flushing		Flushed water main
154	Washington St	Complaint/Investigation - Stormwater	storm water pipe Repair.	Doug is babysitting Guigil on the 30 inch pipe Repair they broke when installing the new water main to the back side of the new high school wing,
0	Town Lawns	Mowing		Dave M & Mike F are mowing the Ayer PD and Town Hall today plus the are weed whacking tall grass on the corners of Gardner Lane so people can see pulling out
0	Town Crosswalks	Road Striping & Marking		Painting the White on remaining crosswalks tonight and also Painting Stop Lines
	Ayer Dry Cleaners	Misc Stormwater Work Order	Paving Trench	Davenport Paving paved an overlay of winter drainage pipe Repair in Ayer Dry Cleaners parking lot and installed some berm to keep road rain water run off out of parking lot.
	Ayer Court House	Replace Sign	sign post install	Bruce Dave M & Mike F installed new sign post out back of court house and removed old one.
93	E Main St	Misc Water Work Order	locate, blow out and operate valves for Cedrone shutdown	locate, blow out and operate valves for Cedrone shutdown
99	Barnum Rd	Misc Water Work Order	Daily rounds	Daily rounds
99	Barnum Rd	Misc Water Work Order	Daily lab	Daily lab

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23	Mullberry	New Meter Installation		Upgraded domestic and irrigation radios
89	East main	Final Read		Final read from radio and meter
34	Pearl St	New Meter Installation		Upgraded domestic meter and radio. Installed new water only meter and radio
24	Pingry way	Water Service Work		Replaced gate box top in drive way
26	Howard St	Water Service Work		Stopped by in regards to water pressure fluctuation complaint. Nobody was home
0	Faulkner St/ Tannery St	Water Service Work		Inspected new water main tie in, inside subway tunnel. Took pictures
33	3rd St	Water Service Work		Read meters
	West Main St	Catch Basin Repair	basin repair	Bruce Dave M & Mike F are doing a basin Repair on Groton Harvard Rd
25	Brook St	Repair Work	Plow Repair	Mike W is doing some big repairs on the Cat loader plow
25	Brook St	Misc Vehicle Work	Toolbox & Rack	Wally is installing the tool box and the rack he welded up for the Ranger PU and wiring up lights.
	Wright Rd	Replace Sign	sign repair	Bruce & Mike F removed a home made sign from Wright Rd and installed a new 25 Mile an Hour sign.
0	Main St Trash	Main St Trash	town trash	Mike F did the Main St Town Hall and All the other Barrel's trash Monday.
34	Pearl St	Dig-Safe - Highway	mark out	R&R drive way
41	Shirley St	Dig-Safe - Highway	mark out	install water sewer services
9	Apple blossom Dr	Dig-Safe - Highway	mark out	installing sprinkle system
99	Barnum Rd	Misc Water Work Order	Daily rounds	Daily rounds
99	Barnum Rd	Misc Water Work Order	Plant maint. KMno4 pumps at Grove failed plant shutdown, quills, lines, check valves, all plugged	plant maint Grove
99	Barnum Rd	Dig-Safe - Water		
125	, 141 Haymeadow Ln	Water Service Work		Inspected service line install
49	A Pearl st	New Meter Installation		Upgraded domestic meter and radio
19	Mountain Laurel	Final Read		Final read from domestic and irrigation meters and radios
5	Magnolia Dr	Final Read		Upgraded domestic meter and radio
0	read meters	Water Service Work		Read meters
24	Nashua St	Replace Sign	Replace "One-Way Do Not Enter Sign" at Nashua and Highland	
0	Mill St behind Moores	Pot Hole		We patch part of Mill St were part of the road has been sinking for years by the old Rail road culvert.
0	Snake Hill Rd and Wright Rd	Pot Hole		We patched many pot holes and repaired winter damage on driveway
0	West Main St Mulberry Circle Snake Hill Rd	Pavement Repair		We patched around the catch basins that were repaired on listed address roads

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55	Littleton Rd	Dig-Safe - Highway	mark out	mark out for Home owner
23	Hickory Way	Dig-Safe - Highway	mark out	mark out for home owner trees
106	Washington St	Water Quality Sampling	Special Lead and Copper sampling with DEP	Special Lead and Copper sampling with DEP
7	East St	Water Service Work	excavate for insertion valve installation	excavate for insertion valve installation
	Groton School Rd	Dig-Safe - Water		
99	Barnum Rd	Bact-T Sampling	daily lab and rounds	daily lab and rounds
99	Barnum Rd	Bact-T Sampling	bacteria and chlorine sampling	bacteria and chlorine sampling
50	Deer Run	New Meter Installation		Upgraded domestic and irrigation meters and radios
75	/41 Sandy pond Rd	Final Read		Final read from meter and radio
31	Holly Ridge	Complaint/Investigation - Water		Tested pressure in house before meter. Verified curb stop was on completely. Tested pressure at nearest hydrant. Both test were 40-45 psi.
33	3rd St	Water Service Work		Read meter route
	intersection of Bligh St and Tannery St	Repair Manhole	Tuesday and Wednesday raised and repaired manholes	David and Bryan located and dug up buried manholes on Bligh and Tannery and another manhole in the rail yard. They removed the old structures and replaced them with new ones as well as raising the manholes up to grade
0	East Main Bridge	Mowing		Bruce & Dave M cut the East Main Bridge
	Barnum Rd	Dig-Safe - Water	Many DIGSAFES	Many DIGSAFES
	Park ST	Dig-Safe - Wastewater	Milling and paving road	Already marked
	East Main St	Dig-Safe - Wastewater	Installing ground rod at pole #20	Already marked
	Pleasant St	Dig-Safe - Wastewater	Installing ground rod at pole #7	already marked
78	Sandy Pond Rd	Misc Water Work Order	locate buried service	locate buried service
10	Wachusett Ave	Dig-Safe - Wastewater	Grinding 2 Stumps	Bryan marked the street and the property
	East Main/Oak St	Dig-Safe - Wastewater	Grading/stump removal and install lawn	already marked
	East Main St	Dig-Safe - Wastewater	Installing water line	Bryan marked all property's and the street
55	Littleton Rd	Dig-Safe - Wastewater	planting flowers	Bryan and David marked the property
23	Hickory Way	Dig-Safe - Wastewater	Planting trees	Bryan and David marked the property and street
9	Appleblossom Dr	Dig-Safe - Wastewater	Installing irrigation system	Bryan and David marked the property and the street
50	Westford Rd	Final Read		Upgraded meter and radio. Final read from old meter
52	Pearl St	Final Read		Final read from meter and radio
7	Patricia dr	New Meter Installation		Upgraded meter and radio
3	Calvin st	Shut Off		Water turn on. Put meter back in line from winterising cabin

DPW June 2016 Monthly Report

164	Central Ave	New Meter Installation		Upgraded radio
0	read meters Highland St side of hill	Water Service Work		Read meters
	Wright Rd	Dig-Safe - Wastewater	grinding a stump	Bryan and David marked the property and the street
78	Sandy Pond	Dig-Safe - Wastewater	installing new gas service	Bryan and David marked the property and the street
61-63	West Main St	Dig-Safe - Wastewater	cathodic protection	Bryan and David marked the property and the street
117	West Main St	Dig-Safe - Wastewater	cathodic protection	Bryan and David marked the street and property
25	Main St	Dig-Safe - Wastewater	service replacement	Bryan and David marked the street and property
34	Pearl St	Dig-Safe - Wastewater	remove and replace driveway	already marked
	East St	Dig-Safe - Wastewater	installing water line	Bryan and David marked the street and property's
	Groton Harvard Rd	Dig-Safe - Wastewater	installing water line	Bryan and David marked the street and property's
	Main St/Washington St	Dig-Safe - Wastewater	Relay gas service	Bryan and David marked the street
	Central Ave	Dig-Safe - Wastewater	cathodic protection	Bryan and David marked the street and property
	Pleasant St	Dig-Safe - Wastewater	install new water and sewer mains and services	Bryan marked approximately 100' past Groton St all property's and the sewer in the street
9	Main St	Dig-Safe - Wastewater	gas service replacement	Bryan and David marked the street and the property
99	Barnum Rd	Misc Water Work Order	Admin	Admin
3	Grove St	Water Service Work	Locate, clean out turn off and on water service for 2nd meter	Locate , clean out, turn off and on water service for 2nd meter
	E Main St	Water Service Work	switch homes to temp. water	switch homes to temp water
7Prospect	St	Water Service Work	shut down and drain ,turn on and fill main for Cedrone	shutdown and drain, turn on and fill main for Cedrone
99	Barnum Rd	Misc Water Work Order	Training in field w/ new pipe locator	Training in field w/ new pipe locator
	Spec Pond	Misc Water Work Order	Chem pump maint	Chem pump maint
	Pleasant St	Dig-Safe - Water	begin marking all water for replacement	begin marking all water for replacement
99	Barnum Rd	Misc Water Work Order	Admin	Admin
24	Forest st	Final Read		Final read off remote. Upgraded radio. There is an illegal staircase built over water meter. It makes meter impossible to read or service.
49	Fletcher St	Final Read		Final read from meter and radio
8	Brook St	Final Read		Final read off meter and radio

DPW June 2016 Monthly Report

48	Main st	New Meter Installation		Upgraded all meters with radios, moved remote wires for renovations.
38	Main st	New Meter Installation		Upgraded meters with radios, verified new meter that was installed.
	Shirley St/Union St	Dig-Safe - Wastewater	41 Shirley St Excavating for house foundation...install water and sewer	Bryan and David marked the property
60	Wright Rd	Dig-Safe - Wastewater	replace poles 23 & 23-1 and anchors	Bryan marked the street and the property
	Fitchburg Rd	Dig-Safe - Wastewater	relocate & replace drainage structures	Bryan marked the street and the property
7	Winterberry	Dig-Safe - Wastewater	remove and replace 3 areas in driveway	Bryan marked the property
17	Bligh St	Dig-Safe - Wastewater	ditching for drainage	Bryan marked the property
3	Grove St	Water Service Work	Water turn off and on	Water turn off and on
99	Barnum Rd	Misc Water Work Order	Prepare for and attend Foremans meeting	Prepare for and attend Foremans meeting
	Groton Harvard Rd	Water Service Work	Locate paved over water gates, expose, clean and exercise	Locate paved over water gates, expose, clean and exercise
99	Barnum Rd	Misc Water Work Order	Daily rounds	Daily rounds
99	Barnum Rd	Misc Water Work Order	Repair chlorine leaks Grove	Repair chlorine leaks Grove
25	Groton school Rd	Shut Off		Turn water off at street, so plumber could make repairs. Turned back on same day.
67	Old farm way	New Meter Installation		Upgraded meters with new radios
145	Snake hill Rd	Final Read		Final read from meter and radio
6	Snake hill Rd	New Meter Installation		Upgraded meters with new radios
9	Pingry way	New Meter Installation		Upgraded old meter and radio
33	3rd St	Water Service Work		Finished reading meter route
25	Brook St	Road Striping & Marking		Line painting all main roads with hi way safety company
	East Main St	Repair House Service	Cedrone hit and broke house service	Bryan did not have a tie card to go by when marking and had marked the stub which was not used when the house service was connected. We will be making up a card for the property and will have on file for future.
	Wright Way	Repair House Service	Water Dept hit house service that was marked wrong, no tie card	Bryan responded and repaired the service with new PVC pipe and Ferncos
1	Wright Way	Water Service Work	Excavate and restore water to 1 and 3 Wright Way	Excavate and restore water to 1 and 3 Wright Way
99	Barnum Rd	Misc Water Work Order	Repair chlorine leaks at Grove	Repair chlorine leaks at Grove
	Barnum Rd	Misc Water Work Order	Daily rounds	Daily rounds
	Barnum Rd	Dig-Safe - Water	Several markouts	several markouts

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0	Town Lawns	Mowing		Bruce & Dave M cut the Rail Trail and Rotary and Little Red School House
25	Brook St	Repair Broken Sign	sign repair	Bruce and Dave M repaired Tannery Street sign that fell down.
0	Town Lawns	Mowing		Bruce and Dave M are cutting Town Hall and Ayer PD and West Main St bridge and the Green Mile and islands on Groton Harvard Rd.
22	Pine Ridge Dr	Dig-Safe - Wastewater	Replace Pole #8	Bryan marked the property and the street
50	Willow Rd	Homeowner Follow-Up - Water		Laid some 3/4 stone in front of house, to repair damage caused by water main break
67	Pleasant St	New Meter Installation		Upgraded meter and radio
71	Fox Run	New Meter Installation		Upgraded radio, and talked to customer about a second meter for irrigation system
33	3rd St	Water Service Work		Restocked ,and cleaned meter truck
33	3rd St	Water Service Work		Equipment maintenance
17	Bligh St	Dig-Safe - Highway	mark out	mark out for business owner
	East Main St	Dig-Safe - Highway	mark out	ground rod pole 20
25	Main St	Dig-Safe - Highway	mark out	mark out for Grid
25	East Main & Washington St	Dig-Safe - Highway	mark out	mark out for Grid Gas relay
9	Main St	Dig-Safe - Highway	mark out	mark out for Grid
	Pleasant St	Dig-Safe - Highway	mark out	mark out for Grid pole 7 ground rod
	Fitchburg Rd	Dig-Safe - Highway	mark out	State Drains
78	Sandy Pond Rd	Dig-Safe - Highway	mark out	mark out for Grid new gas service
	Brook St & 111 & 2A	Dig-Safe - Highway	mark out	mark out paving
	Groton School Rd	Dig-Safe - Highway	mark out	milling & paving road way
7	Winter berry Ln	Dig-Safe - Highway	mark out	Driveway repair
	School St & Prospect St	Repair Broken Sign	sign repair	Bruce & Dave M did Street Sign repair
0	Town Trash	Town Hall/Library Trash	trash	Dave M is doing all of the town trash
	Main St	Street Sweeping	Friday Sweeping	Bruce did sweeping of Main St
87	E Main St	Water Service Work	Access and restore water pressure on temp service	Access and restore water pressure on temp service
22	Pine Ridge	Dig-Safe - Highway	mark out	ground rod Grid
26	Pearl St	Dig-Safe - Highway	mark out	mark out Grid ground rod
30	Groton Harvard Rd	Dig-Safe - Highway	mark out	ground rod mark out no drain private property pole
120	Littleton Rd	Dig-Safe - Highway	mark out	home owner fence relocation
25	Brook St	Routine Maintenance Work	lawn mowers	Bruce & Dave M sharpened lawn mower blades on all of the Highway Dept mowers
22Hibiscus	Ln	Dig-Safe - Wastewater	Excavating for addition	Bryan marked the street near the dig safe marks, "No sewer"
	Intersection of Third and Pine	Dig-Safe - Wastewater	Emergency, replace telephone pole	Bryan marked the street
161	W Main St	Misc Wastewater Work Order	trees down the brush dump	Bryan cut up the trees we removed from around the plant that Andrew asked if we

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				could cut them small enough for the hauler to take them from the brush dump
99	Barnum Rd	Misc Water Work Order	Admin and Foremans meeting	Admin and Foremans meeting
99	Barnum Rd	Misc Water Work Order	Daily lab	Daily lab
87	Central Ave	Valve Exercise	Locate and operate gates for Cedrone	Locate and operate gates for Cedrone
99	Barnum Rd	Misc Water Work Order	Daily rounds	Daily rounds
7	Depot Sq	Valve Exercise	Locate and check for valves not wide open	Locate and check for valves not wide open
	Town Basins	Catch Basin Repair	Broken Drain Cover Replacement	Bruce and Wally work on replacing broken catch basin covers off of the reports Sal from Sam's Catch Basin Cleaning fill out when he was in town this spring cleaning town basins. 51 Atherton St - Replaced broken cover. 2 Willard St - Replaced broken cover. Central Ave by Ayer Moving Co - Replaced broken cover.
25	Brook St	Catch Basin Repair	basin repair prep	Bruce went out and cut and prepped to catch basins for repair.
	Corner of 3rd & Pine St	Dig-Safe - Highway	mark out	mark out Version broken pole replacement
31	Holly Ridge Dr	Dig-Safe - Highway	mark out	sprinkler system
33	Highland Ave	Dig-Safe - Highway	mark out	trees & Shrubs
33	Highland Ave	Dig-Safe - Wastewater	digging to install shrubs, lawn, stairs and walls	Bryan marked the property and the street
31	Holly Ridge Dr	Dig-Safe - Wastewater	installing irrigation system	Bryan marked the property and the street
	Grove St easement to Bligh St	Jetting/Cleaning	root cleaning	Bryan and David jetted and did a camera job on an area where there is a severe root issue
	Eagles Nest Ln and Central Ave	Jetting/Cleaning	follow up from last weeks sewer plug	Bryan and David jetted and filmed the line from Eagles Nest going to the main line on Central Ave
1	E Main St	Dig-Safe - Highway	mark out	Emergency Dig Safe Grid
	WWTP	Grounds Maintenance - Wastewater		Bryan and Loomer cleared the brush around the listed monitoring wells at the landfill sight
1	East Main St	Dig-Safe - Wastewater	emergency dig safe	Bryan marked the property and the street
	Bennett's Brook	Jetting/Cleaning	degreaser	Bryan and Kenny put degreaser in a few manholes throughout Bennett's Brook and the wet well in the station