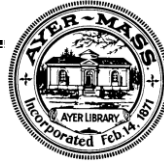


DEPARTMENT OF PUBLIC WORKS

Mark L. Wetzel, P.E., Superintendent
Daniel Van Schalkwyk, Town Engineer
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MONTHLY REPORT December, 2016

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

- Active involvement in Comprehensive Plan Committee
- Completed design of Snake Hill Dog Park
- Design of Sandy Pond Rd /Wright Road water main
- Prepared FY18 Budget for DPW
- Began construction of Water Division Garage
- Complete Streets Work Group met and developed list of priority projects
- Completed construction of West Main Street Pumping Station
- Working on bid documents for Fuel Station Canopy
- Construction Oversight Pleasant Street CDBG grant improvement project –stormwater upgrades
- Managed meter upgrade project including scheduling and computer account changes
- Quarterly water and sewer bills were prepared and sent out for 2 routes
- Sold Transfer Station permits
- Continuing implementation of Maintenance Edge Work Order Management System for WWTP and WTPs by adding scheduled equipment maintenance to the database
- Working with Town Administrator and MART on Rail Access and Commuter Parking Lot
- Reviewed and responded to questions and issues related to water and sewer bills
- Working with Planning Board to update the subdivision regulations
- 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

- See specific work order tasks attached **Work Order Summary**
- Repaired drainage and sidewalk on Washington Street
- Repaired pot holes and shoulders throughout town
- Installed new signs and / or repaired existing signs at various locations in town
- Repaired catch basins
- 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

Mark Wetzel P.E., Public Works Superintendent

Wastewater Division

- See specific work order tasks attached **Work Order Summary**
- All NPDES permit requirements were in compliance for the month of November
- Total flow for the treatment plant was 38 million gallons with an avg. of 1.2 mgd
- Contractor hauled 20 loads of sludge
- Implemented Mobile 311 into daily Pumping Station maintenance
- Implemented Maintenance Edge into WWTP maintenance work orders
- Performed mechanical maintenance on pump stations
- Backwashed filter units and cleaned UV system
- Repaired Wastewater Division trucks
- Jetting and cleaning of sewer blockage at various locations in town
- Performed daily inspections of wastewater pumping stations
- Performed daily operations, laboratory testing and reporting for WWTP
- Completed DIGSAFE mark-outs
- Completed and **submitted** Monthly Operations Report for DEP and EPA

Water Division

- See specific work order tasks attached **Work Order Summary**
- Cleaned and redeveloped GP Well 7 and repaired pumping equipment
- Working with the contractor on the construction of Pleasant Street water improvements to connect houses to new water pipe
- Replacing hydrant on Mill Street and removed hydrant on Main St.
- 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
- 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
- Cleaned up brush dump to begin screen loam
- Leaf hauling to brush dump / compost area off Bishop Road
- Coordinated solid waste / recycling disposal including waste oil, scrap metals, textiles
- Completed annual “third party” inspection

Address	Street Name	Work Type	Date Flagged	Flagged By	Description	Comments
49	Main St	Hydrant Replacement	10/18/2016 14:33	Engineering	Replace Leaking Eddy Hydrant. Connected to 10-inch on Main Street. Will need shut-down of main to replace.	
65	E Main St	Final Read	11/1/2016 13:29	Engineering	final read	
69	Washington St	Flushing	11/1/2016 14:03	Engineering	Flush Hydrant	
99	Barnum Road	Project Inspection	12/19/2016 13:02	Engineering	Meet Carl Pierce (Dankris Foreman) for the first day of project work for the Garage.	Obtain Carl's contact information and discuss his short term schedule.
25	Pleasant St	Project Inspection	12/19/2016 13:03	Engineering	Inspect Pleasant Street temporary pavement after plowing.	Temp pavement is holding up OK at this time.
41	E Main St	Site Plan Review	12/19/2016 13:06	Engineering	Review Site Plan for 41 E Main St for Planning Board.	Reviewed site plan and submitted comments to PB on December 19, 2016. Also, previously in 2016 the DPW corresponded with BOH regarding a Special Permit Review for the project.
99	Barnum Road	Project Inspection	12/23/2016 7:50	Engineering	Routine Inspection of Grove Pond WTP Garage construction.	Site visit conducted on 12/23/16. Contractor has installed footings on the rear and northern side of the building. Heat blankets are being used to raise the temperature around the concrete. Forms are being installed on the southern side and front footings today.
0	Washington street Groton Harvard road	Outfall Repair	10/27/2016 14:02	Highway		
25	Brook St	Misc Vehicle Work	10/27/2016 14:05	Highway		Install sander in h10 kodiak flushed complete fuel system install new fuel filters
0	corner of Groton / pleasant street	Repair Broken Sign	10/28/2016 12:43	Highway		Core sidewalk and hydro new brakeaway for stop sign
25	Brook St	Misc Special Event	10/28/2016 12:46	Highway		Dave and Ryan mixing ice ban with salt
25	Brook St	Misc Special Event	10/28/2016 12:50	Highway		Mixing salt with ice ban brine
0	mill / Shirley street	Dig-Safe - Highway	11/21/2016 12:24	Highway		Repair water gate
4	birch street	Dig-Safe - Highway	11/21/2016 12:25	Highway		Trenching electric
6	Patricia drive	Dig-Safe - Highway	11/21/2016 12:26	Highway		Building retaining wall
0	apple blossom lane	Dig-Safe - Highway	11/21/2016 12:27	Highway		Install utilities
11	Sculley rd	Dig-Safe - Highway	11/22/2016 14:03	Highway		

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136	West main st	Dig-Safe - Highway	11/22/2016 14:04	Highway		
1	Harvard rd	Misc Debris Removal	11/30/2016 13:10	Highway		Blew and removed all leaves from triangle
0	fire station	Misc Special Event	12/1/2016 14:34	Highway		Remove junk car from parking lot to schwartz junkyard
0	Groton street at rail trail	Misc Street Maintenance	12/1/2016 14:35	Highway		Put millings on edge of driveway for water runoff
0	townhall	Misc Special Event	12/1/2016 14:37	Highway		Deliver chairs for Christmas function
60	Fitchburg road	Dig-Safe - Highway	12/1/2016 14:38	Highway		Trenching for electric sign
0	railroad tracks at end of birch street	Misc Street Maintenance	12/1/2016 14:40	Highway		Put millings on dirt road
25	Brook St	Routine Maintenance Work	12/1/2016 14:41	Highway		Getting mowers ready for winter storage
25	Brook St	Repair Work	12/1/2016 14:42	Highway		Fabricated new beam for h-14 sander
25	Brook St	Roadway Ice Operations	12/6/2016 7:52	Highway		First treat able snow of the 2016 to 2017 season 12\5\2016 we got a round 2 inches took care of it with the Sanders.
25	Brook St	Snow Plowing	12/14/2016 7:58	Highway	Plowing	Town Roads - Sunday into Monday we salted and plowed all town roads we got about between 2 to 4 inches of snow
25	Brook St	Roadway Ice Operations	12/14/2016 8:06	Highway		We came in Tuesday morning and did some after snow storm cleanup plowed the Rail Trail Parking lots cleanup parking lots at schools finished up plowing of sidewalks cleaned up Depot Sq lot and walk way and salted town roads that needed it.
25	Brook St	Equipment Preparation	12/14/2016 8:10	Highway		Working on some repairs of Sanders and trucks replacing work lights any misc small repairs.
25	Brook St	Equipment Preparation	12/14/2016 8:11	Highway		Repaired Trans Stations Cage plow Tuesday
0	Main St	Main St Trash	12/14/2016 8:14	Highway		Ryan did town trash Tuesday morning
95	W Main St	Misc Debris Removal	12/14/2016 8:16	Highway		Dave & Ryan picked up a bag of trash off the west main bridge that was there
60	Fitchburg Rd	Dig-Safe - Wastewater	12/2/2016 14:37	Wastewater	running electrical line from building to street for sign	I marked the property and the parking lot
	around town	Misc Wastewater Work Order	12/2/2016 14:40	Wastewater	weekly check	Check our trouble spots around town, Marshall St, Sculley Rd, behind Kleen-It and the rail trail
161	W Main St	Reports - Wastewater	12/7/2016 10:09	Wastewater	complete dmr for November	dmr
161	W Main St	Misc Wastewater Work Order	12/7/2016 10:11	Wastewater		plant
3	mountain laurel way	Dig-Safe - Wastewater	12/7/2016 10:12	Wastewater		

Mark Wetzel P.E., Public Works Superintendent

161	W Main St	Misc Wastewater Work Order	12/7/2016 10:14	Wastewater	take s9 for new tires at tirewarehouse	
161	W Main St	Reports - Wastewater	12/7/2016 10:18	Wastewater		do all lab work and process control for week of December 5th
161	W Main St	Misc Wastewater Work Order	12/7/2016 14:48	Wastewater	pull twas pump 2 inspect for blockage	plant
161	W Main St	Check Controls/Alarms	12/9/2016 8:35	Wastewater	switch lead control	monthly switch of blowers and filter feed pumps
	WWTP	Inspection - Wastewater	12/13/2016 14:26	Wastewater	morning meeting	Met with Rick and Ken this morning to discuss where I'm at in my position and what's expected of me and where I'm expected to go and what I'm expected to know
	West Main St	Dig-Safe - Wastewater	12/13/2016 14:32	Wastewater	install ground rods at poles 49 and 50	marked the street in front of pole 49 and talked to Verizon crew to let them know there is no sewer in front of pole 50, it is beyond the pump station
16	Park St	Dig-Safe - Wastewater	12/13/2016 14:38	Wastewater	installing concrete pad for refrigerator and walkways	marked "Sewer out front" in the dig safe area
	Pleasant St	Dig-Safe - Wastewater	12/13/2016 14:40	Wastewater	installing new gas main and services	marked the street and all properties
9	Elm St	Inspection - Wastewater	12/13/2016 14:42	Wastewater	check how many services the property has	We had an appointment with the homeowner to check and confirm there was only 1 service line coming from his property out to the main sewer. The homeowner brought me down to the basement where I saw the service line and where it comes out of the house and there was only 1 line
11	Sandy Pond Rd	Inspection - Wastewater	12/13/2016 14:48	Wastewater	appointment to confirm if residents are on town sewer or septic	Met with the homeowner out back where she pointed out her sess pool and said she has Lacombe services clean it out when needed, Kenny called and confirmed it with Lacombe
35	Longview Cir	Inspection - Wastewater	12/14/2016 9:38	Wastewater	final inspection	matched tie card to the property and signed off on the building permit
	Hedgeway	Weekly Inspection	12/14/2016 9:41	Wastewater	Wednesday check	checked two man's with Loomer
	Wrightway	Weekly Inspection	12/14/2016 9:43	Wastewater	Wednesday check	checked the two man's with Loomer
35	Longview Cir	Misc Wastewater Work Order	12/14/2016 9:47	Wastewater	tie card protocol	turned in the new tie card for 35 Longview Cir to Dan to be submitted into the Google drive and also turned in a copy to Pam so she can start the billing
54	and 56 Littleton Rd	Misc Wastewater Work Order	12/14/2016 9:56	Wastewater	missing tie card	Dan found the tie cards for 54 and 56 Littleton Rd which were left in, Mark, the interns desk. I made copies and submitted them to Pam so she could

						update her billing and confirm they are on town sewer
21	Pine Ridge Dr	Dig-Safe - Wastewater	12/15/2016 7:33	Wastewater	Emergency gas leak	Responded to emergency dig safe for gas leak
33	Myrick St	Dig-Safe - Wastewater	12/15/2016 14:35	Wastewater	replacing porch footings and bulkhead	I marked the property and the street
161	W Main St	Misc Wastewater Work Order	12/15/2016 14:37	Wastewater	grit dumpster cover	Loomer and I put the cover back on the grit dumpster after it was emptied
78	Barnum Rd	Dig-Safe - Wastewater	12/21/2016 13:29	Wastewater	Emergency dig safe	Responded to emergency dig safe; no Ayer sewer
9	Elm St	Dig-Safe - Wastewater	12/21/2016 13:32	Wastewater	Emergency dig safe	Responded to emergency dig safe for a gas leak, marked property and street
25	Westford Rd	Misc Wastewater Work Order	12/21/2016 13:34	Wastewater	Service confirmation	Confirmed 25 Westford Rd has 1 sewer service line coming to the street
4	New England Way	Misc Wastewater Work Order	12/21/2016 13:38	Wastewater	Service confirmation	Confirmed 4 New England Way has only 1 service line feeding to our sewer line
0	Littleton Rd	Dig-Safe - Wastewater	12/21/2016 13:44	Wastewater	Utility pole replacement	Tim and I marked the street and any property near poles being replaced
0	Copeland Dr	Dig-Safe - Wastewater	12/21/2016 13:58	Wastewater	Replace pole and install anchor	Pole already marked from previous request
0	Littleton Rd	Dig-Safe - Wastewater	12/27/2016 14:17	Wastewater	Replace pole	Marked the street
47	Washington St	Dig-Safe - Wastewater	12/27/2016 14:19	Wastewater	Emergency/ gas leak repair	Marked the street and the property
77	Willard St	Dig-Safe - Wastewater	12/27/2016 14:22	Wastewater	Emergency gas leak repair	Marked the street and the property
2	Mans	Weekly Inspection	12/27/2016 14:24	Wastewater	2 Mans	Checked 2 Mans with Ken, both stations are good
0	town of Ayer	Inspection - Wastewater	12/29/2016 13:35	Wastewater	Grease trap inspections	The following grease traps were completed on Dec 28 and 29, Wendy's, Taco Bell, McDonalds, Apple Valley, Nashoba Valley Hospital, Mango Grill, Shaker Hills, Wok n Roll and Dans Place. There were no visible issues with any grease trap and all establishments that did not have there maintenance records posted were asked to have them posted before our next visit.
33	3rd St	New Meter Installation	4/21/2016 6:25	Water		
25	Brook St	Complaint/Investigation - Water	4/21/2016 13:56	Water		
25	Brook St	Water Tank Inspection	4/22/2016 13:47	Water		
18	Hibiscus	Final Read	4/22/2016 14:19	Water	Read radio. Nobody met me to get inside house.	
33	3rd St	Final Read	4/22/2016 14:22	Water		

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33	3rd St	New Meter Installation	4/25/2016 13:03	Water		
0	Holiston Ma	Misc Water Work Order	4/27/2016 10:18	Water		Mwwa class
33	3rd St	Final Read	4/27/2016 10:19	Water		
33	3rd St	New Meter Installation	4/29/2016 13:45	Water		
33	3rd St	Final Read	5/2/2016 9:48	Water		
33	3rd St	Water Service Work	5/4/2016 9:05	Water		
33	3rd St	Water Service Work	5/9/2016 6:23	Water		
33	3rd St	Final Read	5/11/2016 5:57	Water		
1	,2,3 Wright way	Misc Water Work Order	5/12/2016 7:42	Water		Called dig safe for service line repair,1,2,3 Wright Way. Also marked street
33	3rd St	Final Read	5/12/2016 14:37	Water		
33	3rd St	New Meter Installation	5/16/2016 6:52	Water		
33	3rd St	Misc Water Work Order	5/18/2016 6:34	Water		Math class at Ma water works
0	Main St, Depot Square	Hydrant Replacement	11/4/2016 12:45	Water		Remove hydrant, cap pipe, fill, compact, grade hole. Trip to Baystate water works for parts
1	Mill St	Hydrant Replacement	11/4/2016 12:57	Water		Replaced hydrant
33	3rd St	New Meter Installation	11/9/2016 13:30	Water		
33	3rd St	Misc Water Work Order	11/10/2016 11:31	Water		Dump run
0	Apple Blossom	Water Service Work	11/22/2016 12:49	Water		Witnessed water main pressure test, and flush.
33	3rd St	Water Service Work	11/22/2016 12:50	Water		Installed hydrant flags, fixed light on F350.
44	Grove St	Final Read	11/22/2016 13:35	Water		Final read from radio and meter.
10	Central Ave	Final Read	11/22/2016 13:36	Water		Final read off radio
0	Mill/ Shirley St	Water Service Work	11/22/2016 13:42	Water		Preped trench for paving, removed road plate, and brought it back to highway dept. Talked with Mark about meter order , took inventory of meter stock, talked with Mark about sending a revised letter to high users to upgrade old meters.
33	3rd St	Misc Water Work Order	11/28/2016 9:56	Water		Dump run, trip to Moores, got tools together for some repairs to curb stop and gate box tops.

						Repaired curb stop, damaged by plowing. Installed gate box top, over curb stop , trying to prevent further damage. Entered work in collector, and made a tie card. Turned off water to property, per property owner, removed and drained meter. With Tim
67	Nashua St ext	Water Service Work	11/28/2016 14:53	Water		
0	intersection of Washington and Nashua	Water Service Work	11/28/2016 14:58	Water		Repaired two gate box tops, damaged by plowing, with Tim
2	Ledgeway	Shut Off	11/30/2016 16:15	Water		Shut off seasonal cottage, final read off meter
0	Spec pond well 2	Water Service Work	11/30/2016 16:16	Water		Removed old Parko valve. Replaced with new piece of pipe. Removed , cleaned and reinstalled, Venturi . Flushed hydrant, tested pipe for leaked. Removed broken barbed wire from fence, and removed some vines growing through fence
33	3rd St	Misc Water Work Order	11/30/2016 16:20	Water		Hauled cement debris from stairs. Cut pavement for patching. Helped Buxton.
111	Fitchburg Rd	Water Service Work	11/30/2016 16:27	Water		Tried to located curb stop, cut open pavement in a couple spots, but found nothing.
33	3rd St	Water Service Work	12/1/2016 13:16	Water		Dump run, brought f350 to highway garage so Wally could start installing tool boxes.
0	Route 66	Final Read	12/1/2016 13:18	Water		Read high user accounts with Tim
111	Fitchburg Rd	Misc Water Work Order	12/2/2016 12:59	Water		Searched, located, cut pavement , shut off water to 111 Fitchburg Rd . Removed meter and drained it.
125	Oak Ridge Dr	Misc Water Work Order	12/2/2016 14:01	Water		Searched, located, cleaned out curb box, shut off water to 125 Oak Ridge Dr
65	Fitchburg Rd	Misc Water Work Order	12/2/2016 14:02	Water		Searched for curb stop, but did not find it. Home is abandoned, we want to shut off water to it. Looked through maps and tie cards to get more info.
33	3rd St	Misc Water Work Order	12/2/2016 15:07	Water		Meter reading all day
33	3rd St	Misc Water Work Order	12/2/2016 15:08	Water		Meter reading commercial route
	Apple Blossum	Pipe Replacement - Water	12/5/2016 12:56	Water	flush main chlorinate and refill	
99	Barnum Rd	Misc Water Work Order	12/5/2016 12:59	Water	Meet w/ Moore re: phones at Grove	
99	Barnum Rd	Misc Water Work Order	12/5/2016 13:00	Water	Brian , all day class	
	Barnum Rd	Grounds Maintenance - Water	12/5/2016 13:04	Water	all grounds at Grove, Pulpit Rock, Barnum Rd	

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114	Oak Ridge Dr	Water Service Work	12/5/2016 13:07	Water	locate and turn off service for winter	
99	Barnum Rd	Misc Water Work Order	12/5/2016 13:11	Water	custodial Grove	
0	Appleblossom Cr	Water Service Work	12/6/2016 10:03	Water		Whiteness flush and chlorine sample, by Laggasse construction, on new main.
33	3rd St	Misc Water Work Order	12/6/2016 10:08	Water		Talked with Mike Winters about wiring issue on F350. Also checked truck for inspection sticker, found dump alarm needs repair, fixed it.
33	3rd St	Misc Water Work Order	12/6/2016 13:19	Water		F350 failed inspection because of condensation in head lamp and cut on r,r tire. Got spare tire/ rim out of storage. Cleaned random stuff around treatment plant that may get hit by plowing.
29	3rd St	Misc Water Work Order	12/7/2016 11:41	Water		Worked on F350, with Mike, replacing bad headlight and changed cut tire. Fixed power wire to plow control.
25	Brook St	Misc Water Work Order	12/7/2016 12:54	Water	Prepare for and attend foremans meeting admin	
33	Deer Run	Pipe Replacement - Water	12/7/2016 13:01	Water	out w/ contractor	
99	Barnum Rd	Misc Water Work Order	12/7/2016 13:05	Water	clean in and out of truck after flushing, put away hydrant flushing equip.	
60	Barnum Rd	Water Tank Inspection	12/7/2016 13:18	Water		
38	Littleton Rd	Dig-Safe - Water	12/7/2016 13:19	Water	verizon	
154	Washington St	Misc Water Work Order	12/7/2016 13:20	Water	trash to transfer station	
60	Barnum Rd	Misc Water Work Order	12/7/2016 13:21	Water	daily lab	
99	Barnum Rd	Misc Water Work Order	12/7/2016 13:22	Water	work on plows	
60	Barnum Rd	Misc Water Work Order	12/7/2016 13:23	Water	daily rounds and lab	
99	Barnum Rd	Misc Water Work Order	12/7/2016 13:24	Water	clean truck, restock, put away flushing equip.	
99	Barnum Rd	Misc Water Work Order	12/7/2016 13:25	Water	admin	
0	Haymeadow, Holly Ridge, Appleblossom	Water Quality Sampling	12/7/2016 16:21	Water		Flushed listed water mains. White messed Laggasse construction take a chlorine sample for testing.
3	Calvin st	Shut Off	12/8/2016 14:46	Water		Shut off drain meter
31	mulberry for	New Meter Installation	12/8/2016 14:47	Water		Add radio
12	high st	New Meter Installation	12/8/2016 14:48	Water		Replace meter wire radio

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13	Nashua st	New Meter Installation	12/8/2016 14:49	Water		Replace meter and add radio
33	3rd St	Misc Water Work Order	12/8/2016 14:49	Water		Meter reading
33	3rd St	Misc Water Work Order	12/8/2016 14:50	Water		Meter reading
166	central ave	New Meter Installation	12/9/2016 10:30	Water		Add radio and wire
6	central ave	New Meter Installation	12/9/2016 10:31	Water		New meter wire radio
44	Grove St	Dig-Safe - Water	12/9/2016 15:09	Water		
211	W Main St	Dig-Safe - Water	12/9/2016 15:10	Water		
27	Pearl St	Water Service Work	12/9/2016 15:12	Water	locate and clean out curbstop for contractor	
	Pingry Tank	Pipe Replacement - Water	12/9/2016 15:14	Water	out w/ Pyburn, locate and confirm valve positions	
2	Littleton Rd	Misc Water Work Order	12/9/2016 15:17	Water	out w/ Verizon, setting new poles near main	
99	Barnum Rd	Misc Water Work Order	12/9/2016 15:19	Water	drive to Marlboro / pick up new backup batteries for SCADA ups	
99	Barnum Rd	Misc Water Work Order	12/9/2016 15:20	Water	daily lab	
33	3rd St	Misc Water Work Order	12/14/2016 10:30	Water		Repaired and serviced snow blower. Cleaned shop. Inventoried water meters that are on site at shop, broke down old meters.
35	Longview Cr	Inspection - Water	12/14/2016 10:33	Water		Final inspection, and sign off
33	3rd St	Water Service Work	12/14/2016 10:34	Water		Pressure washed W3
46	Washington st	Final Read	12/14/2016 14:44	Water		Final
35	fletcher st	Final Read	12/14/2016 14:44	Water		Final
44	nashua st	New Meter Installation	12/14/2016 14:45	Water		Install 2 new meters run wire and radio
14	Nashua st	New Meter Installation	12/14/2016 14:45	Water		Install new radio and wire, shut off broken will return in future
6	Taft St	Misc Water Work Order	12/15/2016 7:27	Water		
99	Barnum Rd	Misc Water Work Order	12/15/2016 7:29	Water	shovel walkways, plow and snowblow all water facilities	
99	Barnum Rd	Misc Water Work Order	12/15/2016 7:30	Water	Daily rounds and lab	
	townwide	Bact-T Sampling	12/15/2016 7:34	Water	Bac and chlorine sampling	
21	Pine Ridge Dr	Dig-Safe - Water	12/15/2016 7:35	Water	Locate long buried service , for gas leak repair	
12	Wright Rd	Complaint/Investigation - Water	12/15/2016 7:37	Water	low pressure complaint, change customers water filter cartridge	

99	Barnum Rd	Misc Water Work Order	12/15/2016 7:38	Water	Admin, state reports	
	Hickory Way	Pipe Replacement - Water	12/15/2016 7:42	Water	work with Pyburn filling new main to standpipe	
	Apple Blossum	Pipe Replacement - Water	12/15/2016 7:44	Water	Flush new main to take bacteria sample	
99	Barnum Rd	Misc Water Work Order	12/15/2016 7:51	Water	daily rounds and lab	
4	Groveland St	New Meter Installation	12/15/2016 7:56	Water	upgrade	
99	Barnum Rd	Misc Water Work Order	12/15/2016 7:58	Water	Meet with Bob Falco re: internet issues at Grove	
25	Brook St	Bact-T Sampling	12/15/2016 8:00	Water	wash service truck	
33	3rd St	Water Service Work	12/15/2016 16:00	Water		Worked on arc collector to get used to it
33	/35 Myric Ln	Final Read	12/15/2016 16:02	Water		Upgraded meters and radios in both units. Meters were difficult to access, because they were under the house. Final read
14	Newton St	New Meter Installation	12/15/2016 16:04	Water		Upgraded meter and radio.
33	3rd St	Misc Water Work Order	12/15/2016 16:05	Water		Filled dump truck, air compressor, and backhoe with fuel and fuel additive, in preparation of cold weather.
33	3rd St	Misc Water Work Order	12/19/2016 9:51	Water		Dump run. Filed tie cards that were recently scanned.
25	Brook St	Misc Water Work Order	12/19/2016 15:02	Water		
16	Park St	Dig-Safe - Water	12/19/2016 15:05	Water		
33	Myrick St	Dig-Safe - Water	12/19/2016 15:05	Water		
99	Barnum Rd	Misc Water Work Order	12/19/2016 15:06	Water	clean truck/ remove plow	
100	Groton Shirley Rd	Hydrant Replacement	12/19/2016 15:28	Water		Started repairing broken hydrant, between Rubb air door and Hood lumber.
0	West Main St , sewer pump station	Water Service Work	12/20/2016 14:15	Water		Put together new back flow preventer. Got stuff together to help sewer dept fill and test new pump station
9	Elm St	Dig-Safe - Water	12/21/2016 10:00	Water		
25	Brook St	Misc Water Work Order	12/21/2016 10:02	Water	set up for safety meeting	
99	Barnum Rd	Misc Water Work Order	12/21/2016 10:03	Water	out of town , pick up replacement batteries	
99	Barnum Rd	Misc Water Work Order	12/21/2016 10:07	Water	admin	
100	Washington St	Water Tank Inspection	12/21/2016 10:15	Water		
99	Barnum Rd	Grounds Maintenance - Water	12/21/2016 10:33	Water	prepare area for Dankris at Grove,	

					remove plow replace cutting edge	
	new standpipe	Pipe Replacement - Water	12/21/2016 10:34	Water	fill new main for Pyburn	
99	Barnum Rd	Bact-T Sampling	12/21/2016 10:37	Water	meet w/ electrician regarding new heater in office	
25	Brook St	Misc Water Work Order	12/21/2016 10:45	Water	meet w/ Pam regarding phone upgrade at Grove	
	new standpipe	Valve Exercise	12/21/2016 10:46	Water	fill and bleed new main for pressure test, Pyburn	
99	Barnum Rd	Bact-T Sampling	12/21/2016 10:50	Water	Daily rounds and lab	
25	Brook St	Misc Water Work Order	12/21/2016 10:51	Water	pick up parts / work on plow wiring	
99	Barnum Rd	Misc Water Work Order	12/21/2016 10:52	Water	Daily rounds and lab	
99	Barnum Rd	Misc Water Work Order	12/21/2016 11:19	Water	Daily lab	
100	Washington St	Water Tank Inspection	12/21/2016 11:21	Water		
2	Willard St	Dig-Safe - Water	12/21/2016 13:52	Water		
25	Copeland Dr	Dig-Safe - Water	12/21/2016 13:52	Water		
2	Littleton Rd	Dig-Safe - Water	12/21/2016 13:52	Water		
33	3rd St	Water Service Work	12/22/2016 16:09	Water		Water meter meeting. Talked with Dan And Mark about hydrant mapping app, how it's missing info fields, if old mapping was carried over to new software. Also how accurate GIS is for street valves at T intersections. Test mapped a couple hydrants and went over it with Dan and realized, there needs to be more software work done, before I do more mapping
33	3rd St	Water Service Work	12/23/2016 10:55	Water		Dump run , started making list of two nozzle hydrants in town.
25	Brook St	Misc Water Work Order	12/27/2016 13:02	Water	repair plow	
99	Barnum Rd	Misc Water Work Order	12/27/2016 13:03	Water	set up new battery back up and work with Moore setting up new phones	
	new standpipe	Inspection - Water	12/27/2016 13:06	Water	fill and bleed main , pressure test	
99	Barnum Rd	Misc Water Work Order	12/27/2016 13:19	Water	daily lab	
25	Brook St	Misc Water Work Order	12/27/2016 13:23	Water	meeting re: meters and meter readers progress	
60	Barnum Rd	Misc Water Work Order	12/27/2016 13:24	Water	daily lab	
25	Brook St	Misc Water Work Order	12/27/2016 13:25	Water	clean vehicle	

77	Willard St	Dig-Safe - Water	12/27/2016 13:29	Water		
47	Washington St	Dig-Safe - Water	12/27/2016 13:29	Water		
99	Barnum Rd	Misc Water Work Order	12/27/2016 13:30	Water	help set up electricians for new heater wiring and admin	
33	3rd St	Water Service Work	12/29/2016 7:29	Water		Put plow markers on new hydrants, and replaced some damaged plow markers. Continued making a list of two nozzle hydrants. Dump run of scrap metal.
100	Groton /Shirley Rd	Hydrant Replacement	12/29/2016 7:33	Water		Finished repairing broken hydrant. Flushed hydrant, inspected for leaks.
33	3rd St	Water Service Work	12/29/2016 7:52	Water		Started making a list of two nozzle hydrants