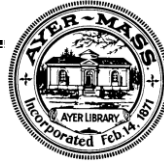


DEPARTMENT OF PUBLIC WORKS

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



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MONTHLY REPORT September, 2016

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

- Trained new Department Assistant Jared Aponte
- Continued GIS infrastructure mapping with field verifications
- Active involvement in Comprehensive Plan Committee
- Working on final design of Snake Hill Dog Park
- Design of Sandy Pond Rd /Wright Road water main
- Re-bid Water Division Garage with only one bidder
- Bid drainage improvements for Washington Street
- Advertised for bids for Stormwater outfall BMP improvements
- Complete Streets Work Group met and identified potential projects
- Construction coordination for 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
- 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**
- Hired new employee – Ryan Januskiewicz
- Paved East Street
- Began crack sealing program throughout town
- Repaired pot holes and shoulders throughout town
- Installed new signs and / or repaired existing signs at various locations in town
- Repaired catch basins
- Weed whacking main roads
- Mowed Police Station, Town Hall, Rotary, Sandy Pond School and other areas in Town

Mark Wetzel P.E., Public Works Superintendent

DPW September 2016 Monthly Report

- 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

Wastewater Division

- See specific work order tasks attached **Work Order Summary**
- All NPDES permit requirements were in compliance for the month of August
- Total flow for the treatment plant was 36.5 million gallons with an avg. of 1.18 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**
- Implemented outdoor water use ban enforcement including issuing written warnings and fines
- Working with the contractor on the construction of Pleasant Street water improvements to connect houses to new water pipe
- Working on replacing hydrant on Mill Street
- 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

**2016 ANNUAL PUMPING REPORT FOR THE
AYER DPW WATER DIVISION**

From: 2016-09-01 To: 2016-09-30

Annual Statistical Data	Well 1A - Spectacle Pond	Well 2 - Spectacle Pond	Well 6 - Grove Pond	Well 7 - Grove Pond	Well 8 - Grove Pond		Source Totals
Total Days Pumped - September 2016	28	25	28	30	30	0	30
Total Pumpage (MG) - September 2016	8.713	6.429	5.886	10.288	10.049	0	44.185
Total Pumping Days	28	25	28	30	30	0	30
Total Pumpage (MGY)	8.713	6.429	5.886	10.288	10.049	0.000	44.185
Average Daily Pumpage (MGD)	0.290	0.214	0.196	0.343	0.335	0.000	1.473
Maximum Daily Pumpage (MGD)	0.622	0.542	0.426	200.281	0.426	0.000	1.803
Maximun Daily Pumpage (Date)	2016-09-16	2016-09-16	2016-09-14	2016-09-23	2016-09-19		2016-09-22
Maximum Week Pumpage (MGW)	2.661	2.597	1.912	202.277	2.591	0.000	10.814
Maximum Week Pumpage (Date)	2016-09-11	2016-09-30	2016-09-10	2016-09-23	2016-09-17		2016-09-19

Solid Waste Division

- Working with Recycling Committee to plan Reuse your Recycling Day
- Screening compost at Brush Dump
- 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 landfill monitoring

	AYER DPW COMPLETED WORK ORDERS SEPTEMBER 2016				
	Address	Work Type	Date		
0	long pond bridge	Misc Special Event	8/1/2016 10:16:41 AM	Highway	Repaired footing under bridge with concrete and st
7	Depot Sq	Street Flags	8/1/2016 10:24:32 AM	Highway	Street Light Globe in front of Ye Olde Medicine S two extras in the shed, Please replace.
11	hibiscus road	Dig-Safe - Highway	8/1/2016 1:59:22 PM	Highway	Emergency sewer repair
25	Brook St	Town Hall/Library Trash	8/1/2016 2:02:42 PM	Highway	Town trash pickup
0	Main Street	Misc Special Event	8/2/2016 7:34:42 AM	Highway	Removed old trash cans put new trash cans in place
123	Littleton road	Dig-Safe - Highway	8/2/2016 1:30:51 PM	Highway	Repair house foundation
54	&56 Littleton road	Dig-Safe - Highway	8/2/2016 1:32:23 PM	Highway	Sewer connections
81	&83 Willard street	Dig-Safe - Highway	8/2/2016 1:33:30 PM	Highway	Planting shrubs
4	Copland drive	Dig-Safe - Highway	8/2/2016 1:34:26 PM	Highway	Install Ballards and repair culvert
5	sandy pond road	Dig-Safe - Highway	8/2/2016 1:35:54 PM	Highway	Drainage repair
7	mountain view road	Dig-Safe - Highway	8/2/2016 1:36:47 PM	Highway	Remove and replace fence
115	Washington street	Dig-Safe - Highway	8/2/2016 1:37:56 PM	Highway	Gas service relocation
69	Washington street	Dig-Safe - Highway	8/2/2016 1:38:53 PM	Highway	Replacing retaining wall
75	pleasant street	Dig-Safe - Highway	8/2/2016 1:39:47 PM	Highway	Pole replacement
130	west Main Street	Dig-Safe - Highway	8/2/2016 1:40:33 PM	Highway	Planting shrubs
0	Washington street	Edging & Trimming	8/2/2016 1:41:46 PM	Highway	Mike and Dave weed whacking sidewalks

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0	route 2a	Edging & Trimming	8/2/2016 1:43:35 PM	Highway	Bruce is cutting brush in the mb on 2a
24	Washington street	Misc Special Event	8/2/2016 1:45:14 PM	Highway	Met with homeowner about location of new tree to be planted and called digsafes
4	cope land drive	Complaint/Investigation - Stormwater	8/2/2016 1:51:07 PM	Highway	Investigate possible damaged drainage pipe
16	Jackson street	Dig-Safe - Highway	8/2/2016 2:06:29 PM	Highway	Excavate for walkway
	Pine Meadow Conservation Area	Downed Tree Removal	8/3/2016 12:39:23 PM	Highway	Cut two fallen trees across trail. See map
15	Littleton road	Dig-Safe - Highway	8/4/2016 2:09:05 PM	Highway	Install 2 fence posts
78	sandy pond road	Dig-Safe - Highway	8/4/2016 2:10:09 PM	Highway	Install sprinkler system
103	oak ridge drive	Dig-Safe - Highway	8/4/2016 2:11:08 PM	Highway	Regrade reloom front yard
0	Groton Harvard road	Dig-Safe - Highway	8/4/2016 2:12:20 PM	Highway	Install anchor pole 8-1
0	central and columbia	Dig-Safe - Highway	8/4/2016 2:13:43 PM	Highway	Cathode protection
28	fletcher street	Dig-Safe - Highway	8/4/2016 2:14:49 PM	Highway	Remove 2 stumps
0	pleasant street	Dig-Safe - Highway	8/4/2016 2:15:48 PM	Highway	Replace poles and anchors
215	west Main Street	Dig-Safe - Highway	8/4/2016 2:16:48 PM	Highway	Replace poles
0	rotary by the car wash	Misc Debris Removal	8/5/2016 5:48:46 AM	Highway	Cut low branches on trees for mowing
0	main at	Misc Sidewalks	8/5/2016 2:21:33 PM	Highway	Bruce fixed side walk where it meets cross walk
12	high at	Dig-Safe - Highway	8/5/2016 2:22:54 PM	Highway	Gas leak repair
10	High at	Dig-Safe - Highway	8/5/2016 2:23:37 PM	Highway	Gas leak repair
123	Littleton rd	Dig-Safe - Highway	8/5/2016 2:24:53 PM	Highway	Excavation for catch basin
25	Brook St	Town Hall/Library Trash	8/5/2016 2:26:14 PM	Highway	Bruce did town trash town hall trash and library recycling

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25	Brook St	Misc Debris Removal	8/5/2016 2:28:20 PM	Highway	Main st street sweeping
	Copland dr. lazy Mary's	Resurfacing Work	8/5/2016 2:32:12 PM	Highway	Lazy Mary's parking lot fixed from wash out with millings Lazy Mary's
25	Brook St	Catch Basin Repair	8/9/2016 7:07:39 AM	Highway	Hot topping around new lech basin behind the main garage.
0	Oak Ridge Dr and West Main St	Pavement Repair	8/9/2016 7:10:27 AM	Highway	Hot Topping Water Dept water dig repair trenches
0	Town Hall Ayer PD and Rotary are getting mowed this week.	Mowing	8/9/2016 7:17:14 AM	Highway	Mowing TH Ayer PD and Rotary Wed
68	Pearl St	Dig-Safe - Highway	8/9/2016 12:03:32 PM	Highway	mark out stumps
31	Nashua St	Dig-Safe - Highway	8/9/2016 12:07:15 PM	Highway	mark out stumps
8	Hibiscus Ln	Dig-Safe - Highway	8/9/2016 12:17:07 PM	Highway	mark out for sewer repair
14	Brook St	Dig-Safe - Highway	8/9/2016 12:37:35 PM	Highway	mark out install fence
0	Little Red School House	Mowing	8/11/2016 6:25:52 AM	Highway	Doug Wally & Dave M mowing the School House today
	East Street	Catch Basin Repair	8/11/2016 7:26:33 AM	Highway	Bringing new catch basin frames and covers down to East St so contractor can replace all old D-Frame basin frames before they leave 5 in all.
0	Groton road on grid row	Dig-Safe - Highway	8/11/2016 9:59:11 AM	Highway	Pole inspections
0	park street on grid row	Dig-Safe - Highway	8/11/2016 10:00:24 AM	Highway	Pole inspection
0	Groton road on grid row	Dig-Safe - Highway	8/11/2016 10:02:09 AM	Highway	Pole inspection poles 29 - 41
115	Hickory Way	Dig-Safe - Highway	8/11/2016 1:29:36 PM	Highway	Mark out install sprinkler system
0	Main Street	Main St Trash	8/12/2016 8:36:36 AM	Highway	Dave m pick up trash
25	Brook St	Street Sweeping	8/12/2016 8:39:48 AM	Highway	Dave m swept Main Street

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0	sedgeway	Misc Street Maintenance	8/12/2016 8:41:14 AM	Highway	Fill and compact washout in street and sides of road
0	snake hill road & sandy pond	Misc Special Event	8/12/2016 8:43:27 AM	Highway	Replace barrels with trash cans from Main Street
41	Shirley street	Dig-Safe - Highway	8/12/2016 1:10:59 PM	Highway	Install water and sewer
25	sandy pond road	Dig-Safe - Highway	8/12/2016 1:12:04 PM	Highway	Replace catch basin
0	Calvin street	Dig-Safe - Highway	8/12/2016 1:12:51 PM	Highway	Reclaim and pave
0	east main street	Dig-Safe - Highway	8/12/2016 1:13:31 PM	Highway	Mill and pave from elm to east street
0	east street	Dig-Safe - Highway	8/12/2016 1:15:29 PM	Highway	Mill and pave
0	fletcher street	Dig-Safe - Highway	8/12/2016 1:52:54 PM	Highway	Install water mains & services
17	Mountain Laurel Rd	Dig-Safe - Highway	8/16/2016 10:12:41 AM	Highway	mark out for home owner
23	Appleblossom	Dig-Safe - Highway	8/16/2016 10:19:57 AM	Highway	mark out
1	Main St	Sidewalk - Repair	8/17/2016 7:01:40 AM	Highway	Bruce & Dave M started the sidewalk repairs on the Town Hall sidewalk
	East Main & Maple St	Catch Basin Repair	8/17/2016 7:06:11 AM	Highway	We are doing a temp catch basin repair on basin on corner
60	Willard street	Dig-Safe - Highway	8/23/2016 8:57:35 AM	Highway	Fence installation rear property
12	high street	Dig-Safe - Highway	8/23/2016 8:58:40 AM	Highway	Emergency dig safe gas repair
0	scully road	Dig-Safe - Highway	8/23/2016 8:59:42 AM	Highway	Install foundation for addition
72	Washington street	Dig-Safe - Highway	8/23/2016 9:00:55 AM	Highway	Fence installation entire property
35	nemco way	Dig-Safe - Highway	8/23/2016 9:02:04 AM	Highway	Patching in parking lot
0	hemlock / hickory way	Dig-Safe - Highway	8/23/2016 9:03:06 AM	Highway	Connecting all utilities
0	Town Lawns	Mowing	8/24/2016 1:58:25 PM	Highway	Bruce and Dave mowed Rail Trail West Main St Bridge today.

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143	Washington St	Downed Tree Removal	8/24/2016 2:01:00 PM	Highway	Doug got called in Sat night for a big Oak tree that fell across Washington St up just passed the Highschool.
0	Main St	Main St Trash	8/24/2016 2:02:17 PM	Highway	Dave M did trash on the Main St Friday and Monday
0	West Main St	Dead Animal Removal	8/24/2016 2:04:16 PM	Highway	Dave M and Bruce picked up dead Shunk off of West Main St
95	W Main St	Dead Animal Removal	8/24/2016 2:05:34 PM	Highway	Mike and Dave M picked up dead beaver off of West Main St
0	Town Roads	Edging & Trimming	8/24/2016 2:09:01 PM	Highway	Bruce was out with the brush hog and cut Pringy Hill and Shaker Rd part of East Main by spillway Copeland Dr.
3	Nashua street	Dig-Safe - Highway	8/25/2016 12:26:56 PM	Highway	Remove and replace driveway
78	holly ridge road	Dig-Safe - Highway	8/25/2016 12:27:56 PM	Highway	Irrigation installation
0	high school Washington street	Downed Tree Removal	8/25/2016 12:29:23 PM	Highway	Dave m cleaning up brush from fallen tree
100	Groton Harvard road	Dig-Safe - Highway	8/26/2016 1:11:45 PM	Highway	Soil boring / install monitoring well
40	Groton Harvard road	Dig-Safe - Highway	8/29/2016 1:16:55 PM	Highway	Grading front lawn
	Wright Way and Hedgeway	Weekly Inspection	8/29/2016 2:12:53 PM	Highway	Bryan and John L checked the 2 mans, no problems
100	Groton Harvard Rd	Dig-Safe - Wastewater	8/29/2016 2:13:42 PM	Highway	Bryan marked the property "No Sewer"
	Washington St By Schools	Add New Sign	8/30/2016 8:31:54 AM	Highway	Bruce is installing 2 new crosswalk signs up by school crosswalk
0	Town Lawns	Mowing	8/30/2016 8:34:43 AM	Highway	Bruce and Dave M mowed all of town lawns that needed it Thursday Friday & Monday
0	Main St	Main St Trash	8/30/2016 8:37:49 AM	Highway	Bruce & Dave M did Main St and Town Hall trash
	WWTP	Jetting/Cleaning	8/3/2016 6:51:41 AM	Wastewater	Bryan and Shanahan replaced the spray gun fittings, rusted out, and replaced the ball valve for the drain, the valve broke when trying to close it. It was replaced with brass. 8/1-8/2
5	Sandy Pond Rd	Dig-Safe - Wastewater	8/3/2016 6:57:04 AM	Wastewater	Bryan marked the property to the street
11	Hibiscus Ln	Dig-Safe - Wastewater	8/3/2016 2:03:51 PM	Wastewater	Bryan marked the street and the property. 8/1

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5	Sandy Pond Rd	Dig-Safe - Wastewater	8/3/2016 2:06:51 PM	Wastewater	Bryan marked the street and the property
115	Washington St	Dig-Safe - Wastewater	8/3/2016 2:08:14 PM	Wastewater	Bryan marked the property 8/3
	pole 8-1 Groton Harvard Rd	Dig-Safe - Wastewater	8/3/2016 2:10:20 PM	Wastewater	Bryan marked the property 8/3
16	Jackson St	Dig-Safe - Wastewater	8/3/2016 2:11:47 PM	Wastewater	Bryan marked the street and the property
24	Washington St	Dig-Safe - Wastewater	8/3/2016 2:12:58 PM	Wastewater	Bryan marked the property 8/3
	Sculley Rd	Jetting/Cleaning	8/5/2016 1:57:39 PM	Wastewater	Bryan and John jetted from the trouble spot to up the hill, a lot of grit.
103	Oakridge Dr	Dig-Safe - Wastewater	8/5/2016 2:00:36 PM	Wastewater	Bryan marked the street and no sewer on the property
78	Sandy Pond	Dig-Safe - Wastewater	8/5/2016 2:02:17 PM	Wastewater	Bryan marked the street and the property
141	Snake Hill Rd	Dig-Safe - Wastewater	8/15/2016 1:29:00 PM	Wastewater	Already marked
115	Hickory Way	Dig-Safe - Wastewater	8/15/2016 1:30:29 PM	Wastewater	Bryan marked the property
	Fletcher St	Dig-Safe - Wastewater	8/15/2016 1:31:36 PM	Wastewater	Bryan marked the street and all properties within Cedrones marks
	East St	Dig-Safe - Wastewater	8/15/2016 1:33:15 PM	Wastewater	Bryan marked the street and the properties
	Cambridge St/Williams St	Jetting/Cleaning	8/16/2016 1:47:52 PM	Wastewater	Bryan and David jetted and camerad from Williams St 100' going to Cambridge St until we hit roots that covers about half the pipe. We jetted again but could not clear enough of the roots to get the camera past them, we are looking in to getting a cutter attachment that will be easy on clay and asbestos pipe.
	Park St	Dig-Safe - Wastewater	8/17/2016 12:33:13 PM	Wastewater	No sewer
	Groton Rd	Dig-Safe - Wastewater	8/17/2016 12:35:33 PM	Wastewater	No Sewer
	Groton Rd	Dig-Safe - Wastewater	8/17/2016 12:36:56 PM	Wastewater	No Sewer
	East Main St	Dig-Safe - Wastewater	8/17/2016 12:37:50 PM	Wastewater	already marked

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	Calvin St	Dig-Safe - Wastewater	8/17/2016 12:38:49 PM	Wastewater	Bryan and David marked the street and all properties
25	Sandy Pond Rd	Dig-Safe - Wastewater	8/17/2016 12:40:11 PM	Wastewater	Bryan and David marked the property and the street
23	Apple Blossom Dr	Dig-Safe - Wastewater	8/17/2016 12:41:21 PM	Wastewater	Bryan and David marked the property and the street
16	Mountain Laurel Rd	Dig-Safe - Wastewater	8/17/2016 12:42:30 PM	Wastewater	Bryan and David marked the property and the street
41	Shirley St	Dig-Safe - Wastewater	8/17/2016 12:43:48 PM	Wastewater	Bryan and David marked the street
35	Nemco Way	Dig-Safe - Wastewater	8/17/2016 12:45:05 PM	Wastewater	Bryan and David marked the area they will be working "no sewer"
72	Washington St	Dig-Safe - Wastewater	8/17/2016 12:46:39 PM	Wastewater	Bryan and David marked the street and the property
29	Saratoga Blvd	Dig-Safe - Wastewater	8/17/2016 12:47:44 PM	Wastewater	no sewer, on Devens
	Around the town	Inspection - Wastewater	8/17/2016 1:18:12 PM	Wastewater	Bryan and David checked all the easements to see if they needed to be cleaned up. There is some growth that needs to be cut back at the end of Rosewood and a little cleaning up on Marshall
	WWTP	Misc Wastewater Work Order	8/19/2016 11:36:42 AM	Wastewater	Washed down clarifier #1
25	Brook St	Repair Manhole	8/19/2016 4:04:10 PM	Wastewater	Fix manhole cover in DPW parking lot
25	Brook St	Repair Manhole	8/25/2016 1:05:03 PM	Wastewater	Tuesday David and Bryan raised and replaced the manhole that was sinking outside in the driveway near the front of the office
	Douglas Dr	Repair Manhole	8/25/2016 1:09:26 PM	Wastewater	Bryan and David repaired and replaced the manhole on Douglas Dr Wednesday
	Hemlock Dr/Hickory Way	Dig-Safe - Wastewater	8/25/2016 1:25:01 PM	Wastewater	Bryan marked the street
12	High St	Dig-Safe - Wastewater	8/25/2016 2:15:58 PM	Wastewater	Bryan marked the property and the street
48	Pearl St	Dig-Safe - Wastewater	8/25/2016 2:17:38 PM	Wastewater	Rick marked the property and the street
60	Willard St	Dig-Safe - Wastewater	8/25/2016 2:19:18 PM	Wastewater	Bryan marked the property and the street
	Tri Moore lumber yard	Dig-Safe - Wastewater	8/25/2016 2:20:25 PM	Wastewater	Bryan marked the property around the work site

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3	Nashua St	Dig-Safe - Wastewater	8/25/2016 2:21:42 PM	Wastewater	Bryan marked the street and the property
121	Oak Ridge Dr	Dig-Safe - Wastewater	8/25/2016 2:23:11 PM	Wastewater	Not on town sewer
78	Holly Ridge Rd	Dig-Safe - Wastewater	8/25/2016 2:24:15 PM	Wastewater	Bryan marked the property
	Central Ave/Main Pump Station	Clean Wet Well	8/26/2016 2:01:30 PM	Wastewater	Bryan and David cleaned the bar racks and removed old rags at both stations
25	Brook St	CCT Sewer Pipe	8/26/2016 2:02:39 PM	Wastewater	Bryan and David camerad the line from the corner of the office to just past the flagpole where they located the next manhole, which was buried under 2' of stone, they found in that manhole is where the services from the office and the highway garage bathrooms go in to
3	Mnt Laurel	Final Read	7/19/2016 2:37:45 PM	Water	Final read from radio
45	Groton Harvard Rd	New Meter Installation	7/26/2016 6:27:19 AM	Water	Upgraded wire and radio. Talked with customer about a second meter.
49	East Main St	Water Service Work	7/26/2016 6:29:02 AM	Water	Hooked up house to new service line. Replaced a broken meter, and upgraded to radios.
53	East Main St	Water Service Work	7/26/2016 6:31:11 AM	Water	Hooked up house to new service. Replaced a broken tail fitting. Upgraded wire and radio. Flushed service line
103	East Main St	Water Service Work	7/26/2016 6:33:22 AM	Water	Hooked up new service line. Someone replaced ball valve and fittings on service line, but did poor work. I repaired it, added a new tail fitting, flushed service line
17	Taft	Water Service Work	7/26/2016 6:36:57 AM	Water	Located curb stop, cut open pavement, blew out broken gate box, shut off curb stop. Plumber repaired, and added second meter. I upgraded domestic meter, wire, and radio. Turned curb stop back on.
0	East Main St	Water Service Work	7/27/2016 6:11:59 AM	Water	Hook houses back up to new service lines
76	East Main St	New Meter Installation	7/28/2016 6:28:04 AM	Water	Upgraded meters and radios
1	b Bayberry	Final Read	7/28/2016 6:31:52 AM	Water	Final read from radio
0	East main st	Water Service Work	7/28/2016 6:32:43 AM	Water	Unhooked houses from temporary water main, and hooked up new service lines, and flushed line.
0	East Main Street	Water Service Work	7/29/2016 6:16:12 AM	Water	Unhooked temporary water service lines and hooked up new service lines and flushed.

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99	Barnum Rd	Misc Water Work Order	7/29/2016 1:10:04 PM	Water	Daily lab, rounds, seek remaining Lead and Copper samples
99	Barnum Rd	Misc Water Work Order	7/29/2016 1:14:43 PM	Water	Daily lab, rounds, Lead and Copper, Water Ban enforcement
99	Barnum Rd	Misc Water Work Order	7/29/2016 1:15:58 PM	Water	Chemical delivery , both plants
99	Barnum Rd	Misc Water Work Order	7/29/2016 1:17:05 PM	Water	Lab, rounds, Lead and Copper
33	3rd St	Water Service Work	8/1/2016 2:00:16 PM	Water	Read meter route
35	East main	Water Service Work	8/1/2016 2:01:21 PM	Water	Filled a void in basement next to meters. Some washout occurred during service line replacement.
33	3rd St	Water Service Work	8/1/2016 2:03:57 PM	Water	Dump run
139	Central Ave	Final Read	8/2/2016 10:02:12 AM	Water	Final read off meter. Upgraded meter wire and radio
33	3rd St	Water Service Work	8/2/2016 10:04:02 AM	Water	Read meter route
99	Barnum Rd	Misc Water Work Order	8/3/2016 6:58:46 AM	Water	Admin. and prepare for, attend Foreman's meeting
99	Barnum Rd	Misc Water Work Order	8/3/2016 7:00:56 AM	Water	Collect Lead and Copper samples and bring to lab.
99	Barnum Rd	Misc Water Work Order	8/3/2016 7:05:25 AM	Water	Treatment plant maint.
99	Barnum Rd	Misc Water Work Order	8/3/2016 7:10:04 AM	Water	Rounds, lab
99	Barnum Rd	Misc Water Work Order	8/3/2016 7:13:42 AM	Water	Rounds, lab
	Barnum Rd	Water Quality Sampling	8/3/2016 7:15:18 AM	Water	Bac, chlorine, and misc. water sampling and deliver to lab
3	Groton Harvard Rd	Pipe Replacement - Water	8/3/2016 7:16:36 AM	Water	Out with Cedrone
99	Barnum Rd	Misc Water Work Order	8/3/2016 7:17:58 AM	Water	pick up service truck from shop, clean and begin restocking
99	Barnum Rd	Misc Water Work Order	8/3/2016 7:19:16 AM	Water	
75	/34 Sandy pond Rd	Final Read	8/3/2016 2:25:44 PM	Water	Final read. Upgraded meter wire radio

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29	3rd St	Water Service Work	8/3/2016 2:27:04 PM	Water	Read meter route
9	Patricia Ln	New Meter Installation	8/4/2016 11:47:47 AM	Water	Installed water only meter
125	Haymeadow Ln	New Meter Installation	8/4/2016 11:49:21 AM	Water	Installed new meter and radio. Turned on water
121	Haymeadow Ln	New Meter Installation	8/4/2016 11:50:22 AM	Water	Installed new meter and radio. Turned on water
139	Central Ave	New Meter Installation	8/4/2016 11:52:38 AM	Water	Upgraded meter wire and radio
0	schools	Water Service Work	8/4/2016 11:53:54 AM	Water	Read small meter route
38	Norwood Ave	Final Read	8/8/2016 2:20:31 PM	Water	Repaired damaged wire on meter, final read
42	Highland Ave	New Meter Installation	8/8/2016 2:21:53 PM	Water	Upgraded meter wire and radio . Talked to customer about water only meter
29	3rd St	Water Service Work	8/8/2016 2:28:25 PM	Water	Talked with Mark about several water related topics. Called for prices on new meters for Page Hilltop school. Set up a demonstration for pacific trek vacuumed, gate turner. Talked to Buxton about future repair at Old Town Village
16	Jonathan Dr	Hydrant Replacement	8/8/2016 2:36:08 PM	Water	Installed a 12" hydrant riser on new Kennedy hydrant
95	Washington St	Final Read	8/9/2016 10:44:01 AM	Water	Final read from radio and meter
29	Highland Ave	New Meter Installation	8/9/2016 10:44:57 AM	Water	Upgraded meter wire and radio
33	3rd St	Water Service Work	8/9/2016 10:49:46 AM	Water	Cleaned and organized, restocked Ranger. Cleaned garage. Met with Cindy Knox to set up e mail and computer
33	3rd St	Water Service Work	8/9/2016 2:17:05 PM	Water	Meter inventory. Checked for a closed gate on Grove St, found partiality closed gate at Grove and Church. Found and exercised gate to shut down Third St for Tie in.
0	Weast Main, Groton Shirley Rd, Snake Hill Rd	Flushing	8/17/2016 6:28:57 AM	Water	Flushed hydrants
55	Littleton Rd/ 5D	Homeowner Follow-Up - Water	8/17/2016 6:30:19 AM	Water	Met with homeowner about dirty, smelly hot water.
0	Crab tree booster station, Spec	Water Service Work	8/17/2016 6:32:03 AM	Water	Cut grass and weed whacked

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	pond plant, water tower				
0	east end	Water Service Work	8/17/2016 6:33:51 AM	Water	Flush new water pipe connections
115	Washington St	Dig-Safe - Water	8/17/2016 6:45:56 AM	Water	Digsafe
12	Jackson St	Dig-Safe - Water	8/17/2016 6:46:51 AM	Water	Digsafe
54,56	Littleton Rd	Dig-Safe - Water	8/17/2016 6:47:48 AM	Water	
	Groton Harvard Rd and Page St	Valve Exercise	8/17/2016 6:51:01 AM	Water	Shut down, fill and flush main
33	Highland Ave	Dig-Safe - Water	8/17/2016 6:52:03 AM	Water	emergency
99	Barnum Rd	Misc Water Work Order	8/17/2016 6:54:24 AM	Water	Admin, prep for and attend Foremans meeting
	Page St and Groton Harvard	Valve Exercise	8/17/2016 6:56:42 AM	Water	Shut down, turn on and flush Page and Groton Harvard
99	Barnum Rd	Misc Water Work Order	8/17/2016 6:57:51 AM	Water	daily rounds, lab
2	Sandy Pond Rd	Valve Exercise	8/17/2016 6:59:48 AM	Water	work gates for shutdown
4	Marshall St	Valve Exercise	8/17/2016 7:01:34 AM	Water	work gates for shutdown
19	Fletcher St	Valve Exercise	8/17/2016 7:03:12 AM	Water	clean out box, work gate for shutdown
10	Whitcomb Ave	Valve Exercise	8/17/2016 7:04:52 AM	Water	clean out box, work gate for shutdown
99	Barnum Rd	Misc Water Work Order	8/17/2016 7:06:10 AM	Water	Daily rounds, lab
99	Barnum Rd	Misc Water Work Order	8/17/2016 7:07:20 AM	Water	Daily rounds, lab
85	E Main St	Water Service Work	8/17/2016 7:13:15 AM	Water	unplug block service w/ cable
99	Barnum Rd	Misc Water Work Order	8/17/2016 7:15:06 AM	Water	rounds, lab, batch

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93	E Main St	Dig-Safe - Water	8/17/2016 7:16:05 AM	Water	Digsafe
36	Fletcher St	Dig-Safe - Water	8/17/2016 7:16:52 AM	Water	Digsafe
10	East St	Dig-Safe - Water	8/17/2016 7:17:33 AM	Water	Digsafe
4	Marshall St	Valve Exercise	8/17/2016 7:18:58 AM	Water	work gates for shutdown on 8/15
99	Barnum Rd	Misc Water Work Order	8/17/2016 7:20:59 AM	Water	daily rounds
99	Barnum Rd	Misc Water Work Order	8/17/2016 7:21:52 AM	Water	Admin
10	East St	Valve Exercise	8/17/2016 7:24:22 AM	Water	shut down multiple gates for East St connection, turn back on , fill and flush main
	Shelly Lane	Flushing	8/17/2016 7:29:07 AM	Water	
10	East St	Flushing	8/17/2016 7:29:49 AM	Water	
14	3rd St	Flushing	8/17/2016 7:30:30 AM	Water	
99	Barnum Rd	Misc Water Work Order	8/17/2016 7:31:37 AM	Water	Admin
29	Hatch St	New Meter Installation	8/17/2016 1:36:35 PM	Water	Upgraded radio
18	Hatch St	New Meter Installation	8/17/2016 1:37:23 PM	Water	Upgraded meter wire and radio
7	Hatch St	New Meter Installation	8/17/2016 1:38:13 PM	Water	Upgraded radio
15	Hatch st	New Meter Installation	8/17/2016 1:38:48 PM	Water	Upgraded radio
16	Hatch St	New Meter Installation	8/17/2016 1:39:39 PM	Water	Upgraded radio wire and meter
166	Willard St	New Meter Installation	8/17/2016 1:40:28 PM	Water	Upgraded radio
180	Willard St	New Meter Installation	8/17/2016 1:41:07 PM	Water	Upgraded radio
173	Willard St	New Meter Installation	8/17/2016 1:41:59 PM	Water	Upgraded meter wire and radio

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25	Myrick St	New Meter Installation	8/17/2016 1:42:39 PM	Water	Upgraded meter wire and radio
0	Waste water treatment plant	Hydrant Replacement	8/19/2016 6:15:53 AM	Water	Repaired and flushed hydrant, near tanker fill pipe.
0	Grove plant	Hydrant Replacement	8/19/2016 6:28:13 AM	Water	Cleaned pipe, hydrant storage area. Removed some saplings, straightened out stuff laying around
0	Washington St stand pipe	Water Service Work	8/19/2016 6:30:53 AM	Water	Met with contractors to survey site for old water tank demo
116	Washington St	Grounds Maintenance - Water	8/22/2016 9:59:48 AM	Water	grounds at standpipe
112	Washington St	Grounds Maintenance - Water	8/22/2016 10:03:00 AM	Water	grounds around perimeter fence , tank
99	Barnum Rd	Booster Pump Station Maintenance	8/22/2016 10:06:10 AM	Water	
186	-154 Willard st	New Meter Installation	8/26/2016 5:56:50 AM	Water	Upgraded meters and radios
28	/6b west st	Final Read	8/26/2016 5:58:22 AM	Water	Final read and upgraded meter and radio
25	GrosvenorSt	New Meter Installation	8/26/2016 5:59:29 AM	Water	Went to upgrade meter, but a cabinet is built over it. Plumber will move plumbing, and I will upgrade when plumbing is finished.
5	Groton Harvard Rd	New Meter Installation	8/26/2016 6:01:41 AM	Water	Put meter back in service. Meter was removed so homeowner could flush house. The water was very dirty after new main tie in, so we flushed main, and let them flush house for a few days. Water quality in house is better.
33	3rd St	Water Service Work	8/26/2016 6:05:36 AM	Water	Came in early looking for water ban violators
33	3rd St	Water Service Work	8/26/2016 6:08:15 AM	Water	Pacific Tek vacuum trailer demo
85	Off Groton school Rd	Final Read	8/26/2016 12:50:23 PM	Water	Final read off meter and radio
78	Holly Ridge Rd	New Meter Installation	8/26/2016 12:51:12 PM	Water	Installed second meter for water only
15	Loon Hill	Complaint/Investigation - Water	8/26/2016 12:52:55 PM	Water	High water usage complaint. Found faulty plumbing. A valve was turned on that let domestic meter and water only meter both feed. Turned off valve, but recommend plumbing fix.
33	3rd St	Misc Water Work Order	8/26/2016 1:11:20 PM	Water	Went to J&S to get signs for water ban made.

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32	Mountain Laurel Rd	Misc Water Work Order	8/26/2016 1:35:45 PM	Water	Water Ban Enforcement
10	Pleasant St	Water Service Work	8/26/2016 1:36:47 PM	Water	
99	Barnum Rd	New Meter Installation	8/26/2016 1:38:15 PM	Water	Scott out , Brian did meter appts.
99	Barnum Rd	Misc Water Work Order	8/26/2016 1:39:37 PM	Water	Daily lab and rounds
99	Barnum Rd	Dig-Safe - Water	8/26/2016 1:40:44 PM	Water	Multiple digsafes townwide
50	Main St	Valve Exercise	8/26/2016 1:43:10 PM	Water	vac trailer demo on water gates
99	Barnum Rd	Misc Water Work Order	8/26/2016 1:45:04 PM	Water	disassemble old hydrants for repair parts
99	Barnum Rd	Misc Water Work Order	8/26/2016 1:46:00 PM	Water	daily lab and rounds
60	Barnum Rd	Misc Water Work Order	8/26/2016 1:47:17 PM	Water	Water ban Enforcement
99	Barnum Rd	Misc Water Work Order	8/26/2016 1:48:07 PM	Water	Daily lab and rounds
	end of Nemco Way	Misc Water Work Order	8/26/2016 1:49:04 PM	Water	Plant maint.
	pleasant and Main St	Valve Exercise	8/26/2016 1:52:14 PM	Water	try to get lower Pleasant St shutdown
4	Marshall St	DEP Report	8/26/2016 1:53:09 PM	Water	admin
	end of Nemco Way	Misc Water Work Order	8/26/2016 1:53:59 PM	Water	daily rounds and lab
	end of Nemco Way	Misc Water Work Order	8/26/2016 1:54:51 PM	Water	plant maint.
36	Mountain Laurel Rd	Misc Water Work Order	8/26/2016 1:55:39 PM	Water	water ban enforcement
38	Old Farm Way	Misc Water Work Order	8/26/2016 1:56:26 PM	Water	water ban enforcement
1	Hibiscus Ln	Misc Water Work Order	8/29/2016 10:56:08 AM	Water	enforce water ban
99	Barnum Rd	Water Quality Sampling	8/29/2016 10:57:09 AM	Water	assist in setting up for 24 hour MPA sampling Grove

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33	3rd St	Water Service Work	8/29/2016 10:57:49 AM	Water	Dump run
99	Barnum Rd	Misc Water Work Order	8/29/2016 10:58:13 AM	Water	Admin. and prepare for and attend Foremans meeting