# DEPARTMENT OF PUBLIC WORKS

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## MONTHLY REPORT

May, 2016

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

- Implement Maintenance Edge for WWTP, Spec Pond WTP and Grove Pond WTP
- Working on GIS mapping and condition assessments of drainage and sewer system
- Adding GIS data related to East Main St water and sewer improvements
- Active involvement in Comprehensive Plan Committee
- Prepared presentation for Town Meeting
- Completed the design of Water Division Garage
- Working on bid documents for Fuel Station Canopy
- Construction coordination for Pingry Hill Water Tank
- Executed contract for Pleasant Street CDBG grant improvement project
- Executed contract for 2016 Road Paving Spec
- Working with ASRSD to repair drain damaged during High School Construction
- Prepared Chapter 90 submittal for Calvin Street Repaying
- Began installation of cellular RTUS for Wastewater Pumping Station
- Managed meter upgrade project including scheduling and computer account changes
- Performed stormwater quality sampling at 6 locations in Ayer ponds
- 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 submitted EPA Stormwater MS4 Annual 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**

- Repaired pot holes and shoulders throughout town
- Installed new signs at various locations in town
- Set up flags for Memorial Day
- Repaired 4 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
- Repairing street sweep and mowing equipment
- DPW garage / facility maintenance
- Equipment and vehicle maintenance

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- 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 t temporary water
- Continued Spring flushing
- 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

# **Wastewater Division**

- All NEPS permit requirements were in compliance for the month of March
- Total flow for the treatment plant was 42.5 million gallons with an avg. of 1.37 mgd
- Contractor hauled 12 loads of sludge. Note that UPWPCA sludge disposal was closed for 10 days and we shipped sludge to Lowell
- Removed flow metering devices installed for I/I analysis
- Implemented Mobile 311 into daily Pumping Station maintenance
- Implemented Maintenance Edge into WWTP maintenance work orders
- Working with CDM-Smith on WWTP asset management study (DEP Grant)
- Completed Green Communities META Grant for WW pumping operations
- Performed mechanical maintenance on two pump stations, including pulling pumps and inspecting bearings and seals, plus replacing vacuum lines and cleaning or replacing globes.
- Washed down secondary clarifiers and cleaned UV system.\
- 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
- Assisted Recycling Committee with Ayer Clean-up Day
- 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

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	2010 Wollany	AYER DPW WORK ORDERS COMPLETED MAY 2016		
Address	Street Name	Work Type	Description	Comments
		,	·	Bruce and Mike F did Main St
				Trash and all the other town
25	Brook St	Main St Trash		trash this morning.
				Dave M did up the holiday
25	Brook St	Street Sweeping	Main St	sweeping on the Main St.
				The guys did up all the
				holiday cleanup around the
				Town Hall just a few things to
				touch up and it's all set for
				the weekend.
				Grass is cut.
1	Main St	Edging & Trimming		Bushes are all trimmed up.
				Weed whacking West Main
		51. 0.7.		St guardrail and sidewalk.
0	West Main St	Edging & Trimming		Also railing by Fire Station.
				Bruce Dave M & Mike F are
				still working on cleaning and mowing Town lawns they are
				doing a lot of extra work on
				the lawns to have them
				looking special for the up and
				coming holiday weekend plus
				doing a special Town Hall
			Special Holiday Weekend	cleanup Friday for the
0	Town lawns	Mowing	Mowing and Lawn Cleanups	Veterans Presentation Sat
		- 0		Bruce Dave M & Mike F are
				out mowing lawns to cleanup
				the town areas for the
				upcoming holiday.
				Rail Trail
				Little Red School House
0	Town Lawns	Mowing		Rotary
22	Hickory Way	Dig-Safe - Highway	mark out	mark out for Home owner
				R & R Driveway mark out
				permit?
41Pingry	Way	Dig-Safe - Highway	mark out	driveway plan?
	Nashua			
	Condos off of			
29F	Littleton Rd	Dig-Safe - Highway	mark out	mark out home owner
	West Main St			
	by Devens			Demo Sidewalk and Road
	Main Gate	Dig-Safe - Highway	mark out	Trench Repair Devens
143	Oak Ridge Dr	Dig-Safe - Highway	mark out	Stump Grinding mark out
25	Brook St	Street Flags		
				Doug Wally Mike W & Mike F
		Misc Street		back filled road hole with
0	Harvard Rd	Maintenance		grinding on Harvard Rd

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	ay 2016 Monthly	Keport	I	Main St Friday Sycapina year
	NA=: Ct	Start Same		Main St Friday Sweeping was
	Main St	Street Sweeping	sweeping	done by Mike F
				Mike F did Friday Main St
0	Main St Trash	Main St Trash	trash	Trash plus Town Hall trash
5	Mulberry	Dig-Safe - Highway	mark out	cable repair under ground
	Mountain			
15A	Laurel Rd	Dig-Safe - Highway	mark out for Home owner	sprinkler system install
1	2 3 Wright Rd	Dig-Safe - Highway	mark out Ayer Water Dept	Water service's repairs
48	Willow Rd	Dig-Safe - Highway	Grid Mark out	new gas service
	Schools	Dig-Safe - Highway	mark out Grid	gas leak repair mark out
	Fletcher &			
	Pine St	Dig-Safe - Highway	Grid mark out	mark out for Grid
				Doug Wally Bruce Mike W &
				Mike F Patched Pot Holes
				Thursday.
				Oak Ridge Dr ( pot holes &
				basin Repair)
				East Main St
				Page St
				Nemco Way
				Westford Rd (Basin)
				Shaker Rd
				Hatch St
				Road by Car Wash off of 2A-
	Pot Hole			Littleton Rd
	Patching			Park St sidewalk Repair &
0	Town Roads	Pot Hole	Pot Hole Patching	Water Gate for water Dept
	10 m nodus	1 00 11010	- Cerrole ratering	Doug Wally Bruce Mike W &
				Mike F are out patching pot
				holes.
				East Main St
				Groton Harvard Rd
				Shaker Rd
	Town Roads			Oak Ridge Dr
	Pot Hole			Hatch St
0	Patching	Pot Hole		Nemco Way
0	ratering	Totriole		mark out for home owner
18	Robbins Rd	Dig-Safe - Highway	mark out	sprinkler system in stall
10	Nobbilis Na	Dig-Sale - Highway	mark out	mark out for Home owner
35	Fox Run	Dig-Safe - Highway	mark out	installing fence
	TOXINGIT	Dig Juic - Highway	mark out	mark out for Home owner
22	Hickory Way	Dig-Safe - Highway	mark out	sprinkler system
	THEKUTY WAY	Dig-Safe - Highway	mark out	Mike F & Dave M remounted
	East St &			Third St sign that was taken
		Popair Prokon Sian	Pomounted Street Size	
	Third St	Repair Broken Sign	Remounted Street Sign	down by truck.
	Town Hall &	Marriag	laa	Mike F and Dave M cut Town
0	PD	Mowing	lawns	Hall & Ayer P D
		Commission to the control of		Removal of Beaver Dam
0.4		Complaint/Investigation		behind Blue Northern Gun
91	Littleton Rd	- Stormwater	Beaver Dam	Shop
				Crew is out for night number
		Road Striping &	Crosswalk Painting Night	#2 of Crosswalk Painting
1	Main St	Marking	Number #2	finishing up the Main St

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DF W WI	ay 2016 Monuniy	Keport	1	1
				doing the White and painting
				the handicap spots
				The Highway Crew cleaned
				and painted small town
				parking lot off of Park St next
				to Cummins today we cut
				down a ton of small crap
		Road Striping &		trees and brush and striped
13	Park St	Marking	Clean and Paint Parking Lot	the parking lot. as
				Bruce Dave M & Mike F went
				to Groveland St and graded
		Misc Street		and added millings to the
0	Groveland St	Maintenance		roadway
				Bruce Dave M & Mike W are
	Lawns &			mowing and finishing lawn
	Spring			cleanup on Groton Harvard
0	Cleanups	Mowing		Rd
				So we had 2 crews out
				mowing lawns today.
				Town Hall
				Rotary
				Little Red School House
				Islands Groton School Rd
				mowed and raked
				Rail Trail
				And got the cleanup and
				mowing started on Groton
				Harvard Rd need to finish
				that up on Thursday.
				Guys out mowing Doug Bruce
				& Mike W on one crew and
				Dave M and Mike F on other
0	Town Lawns	Mowing		crew.
				First Night of Crosswalk
				Painting we got all the Yellow
				Paint down on the Main St
		Road Striping &		plus 2 on Central Ave and 1
1	Main St	Marking	Crosswalk Painting	on West Main St
				Dave M & Mike F are going to
				install 3 shrubs on Park St
				and Brook St that were
				damaged over the last few
				winters on back edge of
				sidewalk in Dutchies Yard at
0	Brook St	Misc Sidewalks	Winter Damage	the beginning of Brook St.
	& 50 Willow			
48	Rd	Dig-Safe - Highway	mark out Grid	installing 2 new gas service's
14	Washington St	Dig-Safe - Highway	mark out	digging out old oil tank
184	W Main St	Dig-Safe - Highway	mark out	planting and wall
34	Pearl St	Dig-Safe - Highway	mark out for Grid	install new gas service
7	East Main St	Dig-Safe - Highway	mark out for Grid	gas line repair
,	Last Maill St	Dig-Sale - Highway	mark out for Grid	gas iiiic repaii

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	2016 Monuny	Report	i	i
25	Brook St	Road Striping & Marking	Town Crosswalk painting	Starting Crosswalk painting tonight on the Main Street we will get all the Yellow done and get the White and Blue Handy Cap spots done the next night.  The guys will be mixing paint today and setting up the paint trailer.  Wally Bruce & Mike W R&R 6 Wheeler Dump.
				repaired dump body dump
25	Brook St	Repair Work	Truck #14 Repair	pins that were broken
25	Brook St	Roadway Ice Operations	Plow Damage	Dave M & Mike F were out cleaning up and raked out corners that still have plow damage.
	Upper Pleasant Street	Pipes & Structures Work	Drainage pipe jetting	Wally Bruce & Doug are jetting storm water drain pipes up on upper Pleasant St.  I had Sam's Catch Basin Cleaning clean sum's of basins on Thursday morning. Need to do a pipping Repair on jetted first.  Well all the pipes have very thick mud in them either we need to buy a bigger jetting head for these bigger pipes.  Bruce B went over to Shaker Rd culvert and cleaned out beaver Dam from culvert
25	Brook St	Culvert/Swale Cleaning	Beaver Dam clean out	area.  Dave M is out sweeping Main
25	Brook St	Street Sweeping	Friday Sweeping Main St	St area
25	Brook St	Main St Trash		Mike F is doing Friday Main St & Town Hall & DPW Garage trash
78	Sandy Pond Rd	Dig-Safe - Highway	mark out for land owner	Building new house
2	Winter berry	Dig-Safe - Highway	mark out for land owner	installing sprinkle system
9	Myrick St	Dig-Safe - Highway	mark out for Lazaro Pave	R&R driveway
38	Central Ave	Dig-Safe - Highway	mark out for Version	replacing pole # 10
30	School St & Grove St	Dig-Safe - Highway	mark out for Grid	install new gas service
51	Mulberry	Dig-Safe - Highway	mark out for Home owner	install drainage

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				Patching pot holes on town roads.
				1.Sandy Pond by Micky D's &
				Taco Bell sidewalks.
				2. School St
				3. Highland Ave & Lincoln St
				4. Upper Pleasant St
				5. Groton Harvard Rd & Page
				St
				6. Nashua St & Summit St.
				7. Nashua from Washington
				St to Taft St.
				8. Pleasant St & Howard St
				9. Park St by Wock & Roll 10. Park St by Bubble Up
				11. Park St & Dry Cleaners
				12 Park St & Brook St
				13. Road heading out to
0	Town Roads	Pot Hole		waste water plant.
				installed new No Parking Sign
	Old East Main			across from Church behind
	by chuch	Add New Sign		guardrail
			New No Dumping Signs	Install 2 No Dumping signs
	Shucally Rd	Add New Sign	install	behind guardrail
	Shaker Rd &	Homeowner Follow-Up		Cleaned out beaver dams in
	East Main St	- Stormwater	beaver dams	culverts on both roads
				Need to clean out Beaver
				Dam debree from culverts.
	East Main St			On East Main St & Shaker Rd
	& Shaker Rd. Culverts	Culvert/Swale Cleaning	Beaver Dam	and cleanup and haul to brush dump.
	Cuiverts	Cuivert/Swale Cleaning	Beaver Daili	·
				Patching pot holes today.
				Main St
				Washington St Maple St
				New England Way
0	Town Roads	Pot Hole		To Start
-				Mike F is doing cleanup on
				the lawns around the DPW
				yard and out front by main
0	Brook St	Mowing		gate by roller
				One more day with the
				jetting and camera truck
				looking into drainage
				problems we will be looking
				into Cambridge and Pearl St
				problem this morning and
				when school traffic dies
				down we have one more pipe I want to camera on
			Catch Basin and Pipe	Washington St in front of
25	Brook St	Outfall Inspection	inspections problem areas	main entrance to the schools.
	DIOUN SC	Outrain mapeetion	spections problem areas	We are making out a new pot
95	W Main St	Pot Hole	Doug fixed the pothole	hole patching list for next
	** IVIUIII JL		2008 lived the bothole	Hore patering hat for hext

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				week we are got to spend another day of patching.
1	Victor Dr	Dig-Safe - Highway	Grid	gas leak repair
180	Washington St	Landfill Monitoring/Inspection	Landfill Monitoring Round to be conducted by Tighe and Bond on May 17, 2016.	
25		Water Quality	Conduct Spring Round for Water Quality Monitoring of	Dan Van Schalkwyk and Mike Fleming conducted spring monitoring round of ponds
25	Brook St	Monitoring	Meet UCS (Verizon's Consultant) Stephen Bigley to discuss moving utility poles off of Pleasant Street, from Cambridge to Main	on March 12 and 13, 2016.  Met Steve, he is designing the move for the poles and will be in contact. We will have to move the hydrant in front of #11 Pleasant Street during construction to allow for safe moving of the nearby
49	Main St	Project Inspection	Street	pole.
26	Disk Ct	Die Cofe Westernatur	When performing digsafe markout (to be called in by PSI Engineering or their driller) please make approximate markout of cross-country sewer main in area of soil boring to be performed for future Parks Garage. See Dan V for approximate location of	
36	Bligh St	Dig-Safe - Wastewater	boring.	
		Service Request -	Investigate drainage channel/culvert to determine connectivity in the area. Determine ownership/easements.	
47	Park St	Investigation	Design fix for area.	
110	Oak Ridge Dr	Catch Basin Repair	Sink Hole beginning at Catch Basin. Inspect and repair as required.	
25	Brook St	Misc Debris Removal		Clean up wash down area EVERY day

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1	2010 Monding	F	,	
				This on the jetting and
				camera list.
				From top of Myrick down to
				house 21 we need to jet first
				that area has the biggest
				problem none of the drains
				are taking water they are all
				full.
				Starting at basin #1 top of
				Myrick St cleaned the cross
				over pipe to basin #2 the
				cross over pipe is in bad
				shape and rotted.
				We went from basin #2 down
				hill ran into water coming out
				of the ground in front of 2
				family house 39 and 37 as
				seen in the photo.
				All the drainage on Myrick
				needs replacing.
				Other problem area East End
				of Willard St & Littleton Rd
				(RT-2A) 10 inch pipe concert.
				We tried jetting down hill on
				Willard from basin #1 to
				basin #2 we hit a piece of
				what we think is 6 inch white
				PVC pipe a contractor put in
				as a patch when they hit the
				drain pipe back in the 1990's
				when they replaced all of the
				water and sewer mains and
				services.
				Now we are going to run the
				camera up hill to that smaller
				pipe patch to see if the other
				side of the patch is good we
				have found main plastic
				water bottles and soda
				bottles in the pipe as well.
				We also found another pipe
				patch that was done with a 4
				inch piece of black coragated
				yard drain pipe that is making
			Invesigate drains in this area.	tons of drainage problems in
	Willard St and	Complaint/Investigation	During storms the CBs on	that same little area of East
	Myrick Street	- Stormwater	Myrick and Willard back up.	Willard St.
	corner of Groton &			Need to replace broken Stop Sign put a temp stop sign up
	Pleasant St	Repair Broken Sign	Stop Sign Down	for now
	Independence			
	Dr/Saratoga		Replace fire sprinkler	
	Blvd	Dig-Safe - Wastewater	indicator valve	On Devens, no Ayer sewer
	1			, , ,

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			Water service	Bryan marked the street and
27	Pearl St	Dig-Safe - Wastewater	upgrade/replace water line	property
			Installing Anodes at test	Bryan marked the street and
117	West Main St	Dig-Safe - Wastewater	station	property
				Bryan marked the street and
	School St	Dig-Safe - Wastewater	Installing new water main	all property's
				Bryan and John Loomer
				cleaned the bar racks and
	Central Ave			sprayed down the matts in
	and Main			the wet wells at both stations
	pump stations	Building Maintenance	monthly maintenance	Tuesday morning
				Thursday, Friday, Monday
				and Tuesday, David and
				Bryan spread mulch around
				the Crabtree station and
				spread mulch and loam
	Crabtree			around the waste water plant
	station and			and planted grass seed. They
	Waste Water			also took down three trees
	Treatment	Grounds Maintenance -		around the plant and took
	plant	Wastewater	spring cleaning	down branches
				marked property's and the
	park street	Dig-Safe - Wastewater	repair and repave trench	street
	·		·	marked the property and the
55	Littleton Rd	Dig-Safe - Wastewater	remove long grass	street
			remove and replace	marked the property and the
41	Pingry Way	Dig-Safe - Wastewater	driveway	street
	<u> </u>		,	marked the property and the
143	Oak Ridge Dr	Dig-Safe - Wastewater	stump grinding	street
			. 5	Marked the street and the
				property's around the area to
	Washington St	Dig-Safe - Wastewater	Catch basin repairs	be repaired
				Marked the sewer in the
	West Main St	Dig-Safe - Wastewater	Catch basin repair	street
			demo and remove all	
	MacPherson		utilities, grading, reclaim	
	Rd	Dig-Safe - Wastewater	asphalt	Bryan marked no Ayer sewer
	Buena Vista	Inspection -	digsafe, rogers field on	No Ayer sewer where work is
	St/ Devens	Wastewater	devens	being done
	Jackson Rd/	Inspection -		No Ayer sewer where digsafe
	Rogers field	Wastewater	digsafe, on Devens	work being done
	Mulberry	Inspection -	Emergency digsafe,	Rick marked the property and
5	Circle	Wastewater	emergency cable repair	the street
				Bryan marked property and
		Inspection -	emergency digsafe,	street where they were
37	East Main St	Wastewater	emergency gas repair	digging
		Inspection -	digsafe, installing irrigation	Bryan marked the property
18	Robbins Rd	Wastewater	system	and the street
		*** <del>*</del> *	,	
		Inspection -		Bryan marked the property
35	Fox Run Dr	Inspection - Wastewater	digsafe, install fence	Bryan marked the property and the street
35	Fox Run Dr	Inspection - Wastewater Inspection -	digsafe, install fence digsafe, adding to irrigation	Bryan marked the property and the street Bryan marked the property

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JPW Mag	y 2016 Monthly	Report		
				Bryan marked the property
				and both Old East Main St
		Inspection -		and Church St where they
1	East Main St	Wastewater	digsafe, gas leak repair	were digging for the repair
		Inspection -		Bryan marked the property
115	Washington St	Wastewater	digsafe, gas leak repair	and the street
		Inspection -		Bryan marked the property
39	Fletcher St	Wastewater	digsafe, relay gas service	and the street
				Bryan marked the property
		Inspection -	Digsafe, installing new gas	from the clean out to the
48	Willow Rd	Wastewater	service	manhole
				On 5/2/2016 John S. and
				Dave N. had to pull Primary
				pump #2 because it wasn't
				pumping up to the required
				speed. When they took the
				pump apart they discovered
				that the plunger on the
				discharge side had a piece
				missing and the same on the
				suction side there was a
				piece missing so they put
				new plungers and gaskets
		Misc Wastewater Work		they made sure no leaks and
149	W Main St	Order		back up to required speed.
				Starting on 4/1/2016 Dave N.
				started washing down filter
				#1 washing the filters and the
				algae out of the bottom of
				the tank. On 4/4/2016 Dave
				N. filled the filter #1 up half
				way and let the filters run
				and to give it what Aqua-
				Aerobic calls a hard wash
				why also cleaning the top of
				the filters off. On 4/5/2016
				Dave N. started cleaning the
			Cleaning of filter #1 and uv	UV unit #1 also took the
1.61	)A/ N/a=! C+	Misc Wastewater Work	unit #1 from 4/1/2016 to	ballast filter off and cleaned
161	W Main St	Order	4/5/2016	it because it was plugged.
0	Main Pump station	Ruilding Maintonance		Pumps rupping good
U	Main pump	Building Maintenance		Pumps running good
0	station	Building Maintenance		Pumps running good
	3.2.3.3.1			Pumps are running good also
				pumps to Devin's are running
				good. John L. has been
	1			painting the whole floor at
	Main pump			a a a a
0	Main pump station	Building Maintenance		
0	Main pump station	Building Maintenance		the main pump station.
0			owner called and said sewer	the main pump station. main line plugged, ran jetta
	station	Complaint/Investigation	owner called and said sewer	the main pump station. main line plugged, ran jetta from mechanic st removed
0 44			owner called and said sewer backing up in basement TOTALIZER=10883.	the main pump station. main line plugged, ran jetta

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99	Barnum Rd	Bact-T Sampling	Daily lab	Daily lab
			daily rounds, batch	
99	Barnum Rd	Misc Water Work Order	chemicals	daily rounds, batch chemicals
_			Out with Cedrone, shut off	l
5	Forest St	Valve Exercise	and turn on water mains	Water mains with Cedrone
				Temporary service line was
				damaged by a truck. Repaired line and put house back
1	Wright Way	Water Service Work		online
	vviigiit vvay	Water Service Work		Installed new meter and
2	Sandy Way	New Meter Installation		radio
99	Barnum Rd	Dig-Safe - Water	Multiple DIGSAFES	Multiple DIGSAFES
99	Barnum Rd	Misc Water Work Order	Treatment plant maint	Treatment plant maint
	244	THIS TRACE THE IN CITE	Set up for and participate in	set up for and participate in
10	East St	Misc Water Work Order	gate trailer demo	trailer demo
99	Barnum Rd	Misc Water Work Order	Daily lab	Daily lab
			Locate gates, for Wachs	,
	East St	Water Service Work	demo	Locate gates for Wachs demo
		Complaint/Investigation	Remove meter, flush service	Remove meter, flush line ,
25	Wright Rd	- Water	line, replace	replace
99	Barnum Rd	Misc Water Work Order	Daily lab	Daily lab
		Grounds Maintenance -		
99	Barnum Rd	Water	All Grounds	All grounds
			Prepare for and attend	Prepare for and attend
99	Barnum Rd	Misc Water Work Order	Foreman's Meeting	Foreman's Meeting
99	Barnum Rd	Misc Water Work Order	Daily rounds	Daily rounds
				Located Buffalo box, cleaned
				debris out of it, turned it off
				for plumbing repair. Turned it
25	Third St	Shut Off		back on after work was done
33	3rd St	Misc Water Work Order		Dump run
				Vacuumed trailer
0		Matan Camilaa Marik		demonstration from
0	east end	Water Service Work		E.H.Wachs
111	Mashinston Ct	Final Dand		Verified read and multipliers
114	Washington St	Final Read		on 3/4" and 4" meters  Got read from radio and
26	Littleton Rd	Final Read		meter
99	Barnum Rd	Misc Water Work Order	grounds at Grove	meter
33	-11 Sandy	Wilse water work order	grounds at Grove	Upgrade meter and radio.
75	Pond Rd	New Meter Installation		Radio is in basement
32	Williams	Final Read		Final read from meter
<u> </u>	/22 Sandy	ai neud		ar read from meter
75	pond Rd	Final Read		Final read and radio upgrade
	la a company			Final read from radio and
				meter. Repaired bad meter
6	Magnolia	Final Read		head on irrigation meter
	Littleton Rd,			
0	Bennett brook	Flushing		
13	Mullberry	New Meter Installation		Upgrade radio
	Old Sandy			
12	pond Rd	New Meter Installation		Upgrade meter and radio

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1	Sandy way	New Meter Installation		Upgrade meter and radio
				Finished wiring meter after
10	Appleblossom	New Meter Installation		water only meter install
				Met with plumber to install
				water only meter. Returned
				after plumber was finished to
112	Old farm way	New Meter Installation		wire radio
13	Mullberry	New Meter Installation		Upgrade radio
7	Winterberry	New Meter Installation		Upgrade meters and radios
				Met with Plumber to talk
				about fixing frozen plumbing
				and meters. Replaced frozen
				domestic and irrigation
28	/6A West St	New Meter Installation		meters
	Mountain			
6	View	New Meter Installation		Upgrade meter and radio
	0.16			Collect Tie Cards for 192, 199,
33	3rd St	Misc Water Work Order		203 Haymeadow
	0.16			Final inspection and sign off
33	3rd St	Misc Water Work Order		185 Haymeadow
5	Winterberry	New Meter Installation		Upgrade meter and radio
4.0				No show for meter upgrade
18	Rose wood	New Meter Installation		appointment
				Upgrade meter and radio
56	Pearl st	New Meter Installation		
26	Westford Rd	New Meter Installation		Upgrade meter and radio
	Barnum Rd	Misc Water Work Order	Barnum Rd	Barnum Rd
	Barnum Rd	Misc Water Work Order	Daily lab	Daily lab
			Attempt to find gates in east	Attempt to find gates in east
	Bligh St	Valve Exercise	end for shutdown	end for shutdown
			Try to locate valves for	Try to locate valves for
	Bligh St	Valve Exercise	shutdown	shutdown
	Harvard Rd,			
	Markham Cr,			
0	Littleton Rd	Flushing		Flush and inspect hydrants
_			Check out low water	Upgraded domestic and
5	Doug Rd	New Meter Installation	pressure complaint	irrigation meters and radios
40		5: 10 1		Final read from meter and
49	Pleasant st	Final Read		radio
_	Grove pond	Motor Complete Martin		Dogtopkod mastantingsli
0	plant	Water Service Work		Restocked meter truck
22	2nd Ct	Mico Motor Model Outle		Verified tie card for 188
33	3rd St	Misc Water Work Order		Haymeadow Ln
21	Longuious Ca	Now Motor Installation		Install new meter and radio,
21	Longview Cr	New Meter Installation		turn on at street
98	Hickory May	New Meter Installation		Install second meter for
30	Hickory Way Bishop Rd	ivew ivieter mstaliation		irrigation system
	meter pit/			Upgraded meter and radio.
0	National Grid	New Meter Installation		Meter pit
1		New Meter Installation		•
	Bishop Rd			Upgraded radio
21	Mulberry	New Meter Installation		Upgraded radio

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	/17 Sandy			
75	Pond Rd	New Meter Installation		Upgraded meter and radio
11	Vernon St	New Meter Installation		Upgraded meter and radio
				Shut off curb stop. Unit is
				empty, has plumbing leak.
6	A/28 West st	Shut Off		Shut water off for repair
				Update to radio. There is an
				irrigation meter in this unit,so
6	A/ 28 West St	New Meter Installation		I updated that to radio also
21	Mullberry Cir	New Meter Installation		Update to radio
				Install second meter for
10	Appleblossom	New Meter Installation		irrigation system
				Final read from radio and
4	Calvin St	Final Read		meter
99	Barnum Rd	Misc Water Work Order	Daily rounds	Daily rounds
			Work on locating valves	
_			locating main for E Main St	
7	Tannery St	Misc Water Work Order	project	E Main St project
22	2 16			Met with Mark for interview
33	3rd St	Misc Water Work Order		for new position
	Mountain	No Matau Installation		Nobody home for meter
6	View	New Meter Installation		upgrade appointment
31	Grovsener	New Meter Installation		Added radio
30	Grovener St	New Meter Installation		Upgraded meter and radio
				Upgraded meter and radio.
_	511 51			Also found curb stop for
7	Fitchburg Rd	New Meter Installation		customer.
				Installed domestic meter and
100	Harris and are	Nierra Nastera Irente II.etiera		radio. Turned water on at
199	Haymeadow	New Meter Installation		curb stop
22	Oak Bidge Dr	Now Motor Installation		Installed water only meter
32	Oak Ridge Dr	New Meter Installation		for irrigation system
31	Longview Cr	Final Read		Final read from radio
301	Autumn Ridge	Final Read		Final read from radio
				Worked with Don Thurber,
0		NAINAI-+NAI		testing back flow device at
0	willow rd	Misc Water Work Order		Willows, irrigation
22	Thind C+	Miss Mater Mork Order		Get realtor/ bank info for
22	Third St	Misc Water Work Order		billing
33	3rd St	Misc Water Work Order		Retread questioned meters
33	Pleasant St	New Meter Installation		Upgraded meter and radio
Г10	Farmers Row	Final Bood		Final road from radio
518	Groton	Final Read		Final read from radio Final read from radio and
26	Longviou Cr	Final Boad		
26	Longview Cr	Final Read		meter Install irrigation meter and
192	Haymoadow	New Meter Installation		Install irrigation meter and radio
192	Haymeadow	ivew ivieter mistaliation		
				No water complaint, both
				residents. Diagnosed problems, flushed hydrant,
				hooked up temporary water
	, 3 Wright			lines off hydrant until we can
1	Way	Misc Water Work Order		repair problem.
1	vvay	IVIISC VValer WORK Order	1	Tepair problem.

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				Survey under Page Moore
				bldg, Main St. Determine
				what meter feeds Tipo Taco
				unit. Talked with tenant
				about a good time to
32	-42 Main St	Misc Water Work Order		upgrade meters
				Final permit sign off Ann
177	Haymeadow	Misc Water Work Order		inspection
13	Madigan Ln	Shut Off		Turn on water at curb
				Read both, domestic and
47	Pearl St	Final Read		irrigation meters
				Upgraded two radios and ran
47	Pleasant St	Misc Water Work Order		new wire for water meters
				Upgrade two radios and run
47	Pleasant St	Misc Water Work Order		new wire for water meters
				Read meters and hand out
33	3rd St	Misc Water Work Order		door hangers, for upgrades.
33	3rd St	Misc Water Work Order		Read meter route
33	3rd St	Misc Water Work Order		Final read 38B Longview Cr
33	3rd St	Misc Water Work Order		Read meter route
			locate , blow out and	Locate , blow out, operate
	East Main St	Misc Water Work Order	operate gates for shutdown	gates for shutdown
	East Main St	Misc Water Work Order	Install temp. water services	Install temp. water services
	Sandy Pond			
	Rd	Flushing	Flush hydrants	Flush hydrants
99	Barnum Rd	Misc Water Work Order	Daily lab	Daily lab
	Barriam Ra	Wilse Water Work Order	Bacteria and chlorine	Daily lab
99	Barnum Rd	Bact-T Sampling	sampling townwide	Sampling
99	Barnum Rd	Misc Water Work Order	Daily rounds	Daily rounds
	Barriam Na	Wilse Water Work Order	Daily rounds	Flush hydrants, Sandy Pond/
33	3rd St	Flushing		Willow Rd area
33	3rd St	Water Service Work		School at MWWA
- 33	314 30	Water Service Work		Find and blow out curb stop.
25	Third St	Water Service Work		Verify that it works
33	3rd St	Water Service Work		Read meter route
33	read meter	Water Service Work		Read Meter route
0	route	Water Service Work		
	Toute	Water Service Work		Final read from radio,
171	Haymeadow	Final Read		confirmed with meter
60	Littleton Rd	Final Read		Final read for new renter
	Groton School	T III T T C C C		Timarread for the Witchest
46	Rd	New Meter Installation		Install new meter and radio
	1.12		Had to make multiple trips	
			because of plumbers being	
2	Patriot way	New Meter Installation	late and doing bad work	Install water only meter
99	Barnham Rd	Misc Water Work Order	. 0	Dump run
				Final sign off, 26, 38B
				Longview circle. Talked with
				Dave about broken
				pit/irrigation meter repair. I
				took beginning read to get
33	3rd St	Misc Water Work Order		system turned on.
33	3rd St	Misc Water Work Order		Read meter route
	3rd St el P.F. Public Work			neau meter route

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84	East Main St	Final Read		Final read and radio upgrade
				Service lawn mowing
33	3rd St	Misc Water Work Order		equipment
	Bishop Rd. St			
0	Mary's	Mater Convice Mark		Turn on water
0	cemetery	Water Service Work		Worked with irrigation
				company, check for leaks.
	Pond View			Customer complaint of high
0	Estate	Meter Testing		bill
				Final read. Read meter and
272	Haymeadow	Final Read		radio, to verify correct info
	/B3 West			
185	Main st	New Meter Installation		Updated wire and radio
0	Pheasant			
9	circle	New Meter Installation		Updated wire and radio
0	Harvard Rd	Water Service Work		Water turn on. Waited for caretaker to check for leaks
0	Tiaivaiu Nu	Water Service Work		Water turn on. Waited for
0	Harvard Rd	Water Service Work		caretaker to check for leaks
		Trater del trecit		Located curb box, uncovered
				it, cleaned it out. Turned off
34	Pearl St	Water Service Work		water for renovation.
				Installed 3 new meters and
43	Grove St	New Meter Installation		radios
0	Pingry Hill	Water Tank Inspection	Check DN Tank progress	
			Locate and mark out all	Locate and mark out all water
60	Dawa wa Dal	Dia Cafa Matan	water services, find gates for	services , find gates for E
60 143	Barnum Rd Snake Hill Rd	Dig-Safe - Water Water Service Work	E Main St  Locate and mark services	Main St project
143	Shake Hill Ku	Water Service Work	Locate and mark out services	
5	Forest St	Misc Water Work Order	for E Main St project	locate services
	10163636	Wilse Water Work Order	TIME13:53	locate services
			DATE04/18/2016	
			REQUEST NO20161602174	
			STATEMASSACHUSETTS	
			MUNICIPALITYAYER	
			STREETMAIN ST	
			NEAREST CROSS STREET	
			1WEST ST NEAREST CROSS STREET	
			2STATE RTE 2 ALT	
			BEST ACCESS TO THE ROW IS	
			ACROSS FROM WEST ST ON	
			MAIN ST, NEAR THE KEOLIS	
			COMMUTER LINE AT THE	
			FIRST TRACK YOU COME TO	
53	Main St	Dig-Safe - Wastewater	ALL THE WAY TO THE STATE	

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DI W W	ay 2010 Monding	Report		
			RTE 2A OVERPASS (BOTH ENDS ARE MARKED)	
			NATURE OF WORKREPLACING A	
			SECTION OF RR TRACK	
			EXTENT OF WORK IN THE RAILROAD ROW IN	
			THE TRACKS	
			AREA PREMARKED	
			W/ORANGE AT BOTH ENDS OF THE JOB	
			OF THE JOB	
			AREA IS PREMARKEDYES	
210	Snake Hill Rd	Misc Vehicle Work		Mike w install brush hog on the me
	spillway at			Dave and mike f brush
	triangle by the			removal around chain link
0	rotary	Misc Debris Removal		fence
				Basin repair 2 courses of
				block and 2 bags of concrete
240				new frame and cover Bruce
210	Snake Hill Rd	Catch Basin Repair		and Wally