#### Water Department

# Expense Budget for FY2018

#### 14-Feb-18

#### Expended Period 1/14/2018 10:58:12 AM - 2/14/2018

#### Budget Month 8

	B	udgeted	Revised	Expended This Period	Expended YTD	Available	Percent Remaining
Operati	ng Budget						
E4501 Sa	alary						
51120	Superintendent	93,982	93,982	7,222.40	57,056.96	36,925.04	39%
51490	Longevity, Superintendent	1,500	1,500	0.00	1,500.00	0.00	0%
Sub Tota		95,482	95,482	7,222.40	58,556.96	36,925.04	39%
E4502 W	/ages						
51130	Laborers, Full Time	113,016	113,016	8,660.16	68,415.26	44,600.74	39%
51131	Clerical, Full Time	34,395	34,395	2,645.76	20,901.50	13,493.50	39%
51141	Seasonal Wages	7,000	7,000	0.00	0.00	7,000.00	100%
51200	Outside Help, Labor	2,933	2,933	0.00	218.94	2,714.06	93%
51310	Overtime, Labor	42,398	42,398	2,232.70	22,367.61	20,030.39	47%
51490	Longevity	988	988	0.00	987.50	0.50	0%
	al Wages	200,730	200,730	13,538.62	112,890.81	87,839.19	44%
E4505 O	ther						
51920	Uniform Allowance	2,730	2,730	0.00	2,730.00	0.00	0%
51970	Meal Allowance	1,400	1,400	0.00	430.00	970.00	69%
52100	Electricity	40,000	40,000	3,014.67	25,208.68	14,791.32	37%
52106	PWB Electricity	3,200	3,200	1,858.01	4,152.04	-952.04	-30%
	Gas	2,600	2,600	249.28	1,110.14	1,489.86	57%
52 <u>150</u> 5.	PWB Gas	2,200	2,200	655.65	1,234.29	965.71	44%
52400	<b>Building Maintenance</b>	1,500	1,500	370.99	1,046.38	453.62	30%
52406	PWB Building Maintenance	2,800	2,800	363.69	1,586.71	1,213.29	43%
52415	Property Maintenance, Well	· ·	14,000	698.25	4,298.25	9,701.75	69%
52416	PWB Cleaning	1,000	1,000	46.00	230.00	770.00	77%
52420	Systems Maintenance	17,000	17,000	525.00	16,814.59	185.41	1%
52430	Systems Maintenance, Emer		25,000	23.24	14,844.68	10,155.32	41%
52450	Vehicle Maintenance	2,000	2,000	0.00	2,072.54	-72.54	-4%
52510	Equipment Maintainance	500	500	0.00	534.72	-34.72	-7%
52520	Radio Maintenance	1,000	1,000	0.00	0.00	1,000.00	100%
52700	Equipment Rental	2,000	2,000	0.00	900.00	1,100.00	55%
52720	Street Paving, Contract.	4,000	4,000	0.00	0.00	4,000.00	100%
52750	Security, Contracted	4,500	4,500	125.00	3,814.12	685.88	15%
52940	Waste Disposal	2,000	2,000	0.00	681.95	1,318.05	66%
53050	Annual DEP Maintainence	10,000	10,000	0.00	2,622.00	7,378.00	74%
53060	Deeds	0	0	0.00	0.00	0.00	N/A
53110	Engineering	0	0	0.00	1,418.30	-1,418.30	N/A
53120	Water Testing	22,000	22,000	212.10	11,185.48	10,814.52	49%
53150	Contract Clerical Service	0	. 0	0.00	0.00	0.00	N/A
53200	Tuition	0	0	0.00	0.00	0.00	N/A
53400	Telephone	5,000	5,000	304.46	2,799.27	2,200.73	44%
53420	System Prints	0	0	0.00	0.00	0.00	N/A
53430	Postage	6,800	6,800	248.41	1,967.13	4,832.87	71%
53450	Advertising	1,800	1,800	0.00	466.90	1,333.10	74%
53 <u>800</u>	DEP Volume Assessment	1,500	1,500	0.00	1,237.63	262.37	17%
5E	Lock Box	2,000	2,000	72.75	654.69	1,345.31	67%
53806	PWB Tank Cleaning	500	500	0.00	87.50	412.50	83%
53810	Water Treatment Services	2,000	2,000	0.00	0.00	2,000.00	100%
53870	Police Detail	2,050	2,050	0.00	2,520.00	-470.00	-23%

		Budgeted	Revised	Expended This Period	Expended YTD	Available	Percent Remaining
54100	Gasoline	6,000	6,000	0.00	0.00	6,000.00	10Ò%
54200	Office Supplies	3,200	3,200	313.65	3,996.62	-796.62	-25%
54210	Forms & Printing	6,800	6,800	182.56	1,927.25	4,872.75	72%
54300	Building Supplies	1,500	1,500	0.00	0.00	1,500.00	10
54506	PWB Custodial Supplies	650	650	50.38	216.22	433.78	6
54800	Vehicular Supplies	2,000	2,000	0.00	164.01	1,835.99	92%
55300	Public Works Supplies	16,000	16,000	381.79	19,929.63	-3,929.63	-25%
55310	Meters	30,000	30,000	0.00	15,508.22	14,491.78	48%
55800	<b>Water Treatment Supplies</b>	75,000	75,000	2,107.88	39,374.70	35,625.30	48%
55820	Safety Gear	1,500	1,500	0.00	304.29	1,195.71	80%
55860	Computer Software	5,000	5,000	1,241.00	2,237.98	2,762.02	55%
57100	In State Travel	0	0	0.00	0.00	0.00	N/A
57200	Out of State Travel	0	0	0.00	0.00	0.00	N/A
57300	Dues, Conferences, License	s 4,000	4,000	168.00	2,778.33	1,221.67	31%
57800	Elem. School Educ. Expense	9 0	0	0.00	0.00	0.00	N/A
57810	Water Conservation Progra	m 0	0	0.00	0.00	0.00	N/A
58500	Additional Equipment	4,000	4,000	0.00	491.38	3,508.62	88%
58510	Computer	5,000	5,000	0.00	5,874.38	-874.38	-17%
58700	Replacement Equipment	5,000	5,000	0.00	2,717.00	2,283.00	46%
Sub Tota	l Other	348,730	348,730	13,212.76	202,168.00	146,562.00	42%
Total Op	erating Budget	644,942	644,942	33,973.78	373,615.77	271,326.23	42%
Reserves							
E4515 Uı	nanticipated Emergenci	·	•				
52730	Unanticipated Emerg.	138,000	138,000	0.00	34,815.00	103,185.00	75%
Sub Tota	l Unanticipated Emerge	138,000	138,000	0.00	34,815.00	103,185.00	75%
E4590 Re	eserve Fund						
52730	Reserve Fund	145,000	145,000	0.00	0.00	145,000.00	<u> </u>
Sub Tota	l Reserve Fund	145,000	145,000	0.00	0.00	145,000.00	100%
Total Res	serves	283,000	283,000	0.00	34,815.00	248,185.00	88%
Debt Ser	vice						
E4591 M	ultipurpose, Interest						
59195	Interest	21,192	21,192	0.00	21,402.50	-210.50	-1%
Sub Tota	l Multipurpose, Interest	21,192	21,192	0.00	21,402.50	-210.50	-1%
E4593 M	ultipurpose, Principal						
59195	Principal	79,500	79,500	0.00	79,500.00	0.00	0%
Sub Tota	l Multipurpose, Princip	79,500	79,500	0.00	79,500.00	0.00	0%
E4594 Sh	nort-Term Debt						
59210	Principal	207,000	207,000	0.00	0.00	207,000.00	100%
59250	Debt Issuance Cost	5,000	5,000	0.00	0.00	5,000.00	100%
59251	Interest	17,852	17,852	0.00	0.00	17,852.00	100%
Sub Tota	l Short-Term Debt	229,852	229,852	0.00	0.00	229,852.00	100%
Total De	bt Service	330,544	330,544	0.00	100,902.50	229,641.50	69%
Grand T	otal	1,258,486.00	1,258,486.00	33,973.78	509,333.27	749,152.73	60%

# Warrant Articles

Water Department

Fiscal Year:

2018

Period Start:

14-Jan-18

Period End:

14-Feb-18

	Appropriation	Revised	Period Total	Fiscal Total	Total Spent	Remainder	Percent
E0000 Prospect Street & River Ro	oad Water Main Improvements	3					
00001 Administration	0.00	0.00	0.00	0.00	0.00	0.00	N/A
00002 Construction	1,600,000.00	1,600,000.00	0.00	0.00	0.00	1,600,000.00	100.0%
	1,600,000.00	1,600,000.00	0.00	0.00	0.00	1,600,000.00	100.0%
E4545 A39/13ATM Minor Water	Main Replacement						
58000 General	100,000.00	100,000.00	0.00	0.00	79,079.76	20,920.24	20.9%
,	100,000.00	100,000.00	0.00	0.00	79,079.76	20,920.24	20.9%

# Water Treatment Plant Project

Water Department

Fiscal Year:

2018

Period Start:

14-Jan-18

Period End:

14-Feb-18

	Appropriation	Revised	Period Total	Fiscal Total	Total Spent	Remainder	Percent
38600 A3/17STM Water Treatment Plant	Construction				- 1 - 10	, he good a	20.70/
58300 Owner's Project Manager	259,000.00	259,000.00	7,752.34	26,725.67	26,725.67	232,274.33	89.7%
58310 Engineering	782,166.00	782,166.00	51,592.22	202,425.86	202,425.86	579,740.14	74.1%
58320 Transmission Mains	1,524,629.85	1,524,629.85	0.00	987,363.12	987,363.12	537,266.73	35.2%
58330 Plant Construction	7,246,000.00	7,246,000.00	55,195.00	1,549,213.13	1,549,213.13	5,696,786.87	78.6%
58380 Miscellaneous	588,204.15	588,204.15	23,303.33	44,108.78	44,108.78	544,095.37	92.5%
	10,400,000.00	10,400,000.00	137,842.89	2,809,836.56	2,809,836.56	7,590,163.44	83.0%

Tuesday, Feb y 13, 2018



Monthly Report of Accrued Time Water Department

For the month of January 2018

Signature:		
	Department Head	

Total

0.00

Previous

0.00

Added

0.00

Used

0.00

Fontaine,	, Travis													12	2/2/2009
	Personal Ti	me (hours)			Sick Tim	e (hours)			Vacation T	ime (hours)			Comp Tim	ne (hours)	
Previous	Added	Used	Total	Previous	Added	Used	Total	Previous	Added	Used	Total	Previous	Added	Used	Total
24.00	0.00	0.00	24.00	727.57	10.00	0.00	737.57	168.00	0.00	0.00	168.00	103.00	6.00	0.00	109.00
Krom, Gr	egory				48									3,	/12/1992
	Personal Ti	ime (hours)			Sick Tim	e (hours)			Vacation T	ime (hours)			Comp Tin	ne (hours)	
Previous	Added	Used	Total	Previous	Added	Used	Total	Previous	Added	Used	Total	Previous	Added	Used	Total
10.00	0.00	0.00	10.00	1,760.00	0.00	-100.00	1,660.00	71.00	0.00	-23.00	48.00	0.00	0.00	0.00	0.00
Reuell, B	en														5/2/2014
	Personal T	ime (hours)			Sick Tim	e (hours)			Vacation T	ime (hours)			Comp Tin	ne (hours)	
Previous	Added	Used	Total	Previous	Added	Used	Total	Previous	Added	Used	Total	Previous	Added	Used	Total
16.00	0.00	0.00	16.00	259.50	10.00	-4.00	265.50	78.00	0.00	-16.00	62.00	124.50	0.00	0.00	124.50
Yeo, Ann	ie-Marie													4,	/14/2005
	Personal T	ime (hours)			Sick Tim	e (hours)			Vacation T	ime (hours)			Comp Tin	ne (hours)	
Previous	Added	Used	Total	Previous	Added	Used	Total	Previous	Added	Used	Total	Previous	Added	Used	Total
21.00	0.00	0.00	21.00	177.00	10.00	0.00	187.00	112.00	0.00	-16.00	96.00	0.00	0.00	0.00	0.00
Sick Ban	k, Union														7/1/2013
	Personal T	ime (hours)			Sick Tim	e (hours)			Vacation T	ime (hours)			Comp Tin	ne (hours)	

Total

860.00

**Previous** 

0.00

Added

0.00

Used

0.00

Per Union contract,

Added

0.00

Previous

0.00

Total

0.00

Previous

860.00

Added

0.00

Used

0.00

Used

0.00

Total

0.00

<sup>- 40</sup> hours per employee put in sick bank July 1st with a maximum sick bank of 1760 hours

<sup>-</sup> Maximum of 14 working days (112 hours) of compensatory time allowed



Topsfield Water Department
Monthly Control Sheet
January 2018

		Commit	tments		·	Pa	yments			Misc	ellaneous Trans	actions		
2.41		C	Danadaa	Misc. Charges	Manual	Lockbox	Electronic	Unibank	Bounced	Refunds	Abate	ments	Tax Liens	
Date	User Fees	Conn. Fees	Penaties	Misc. Charges	Manual	LUCKDOX	Electronic	Unibank	Checks	Refultus	BOWC	TWD		Balance Forward
														186,433.38
01-Jan-18	-	•	-	-	•	•	-	-		-	-	-	(27,208.54)	159,224.84
02-Jan-18	-	•	-		•	(1,625.00)	-	(790.83)	-	•	•			156,809.01
03-Jan-18	-	•	•	-	(4,653.57)	•	-	(886.07)	-	•			-	151,269.37
04-Jan-18	-	•	•	-	•	•	-	(255.92)	-	•	•	•		151,013.45
05-Jan-18	•	-		•	•	(9,546.11)	-	(410.75)			-	-	-	141,056.59
06-Jan-18	•	•		•	•		-	(452.52)	•	-		-	-	140,604.07
07-Jan-18		•	•	-	•	•	-	-	-	-	<u> </u>		-	140,604.07
08-Jan-18	-	•	•	-	•	(2,554.19)	-	(623.70)	-	-	•			137,426.18
09-Jan-18	-	•	•	_	•	(3,096.10)	-	(833.65)	-	-	-	(21.11)	<del>-</del> - :	133,475.32
10-Jan-18	47.90	•	•	-	(6,854.12)	(2,107.55)	•	•		-	-	•	-	124,561.55
11-Jan-18	-		•	•	(1,448.53)	(5,297.19)	-	(1,796.61)	•		- !	- 1	- :	116,019.22
12-Jan-18	•	•		•	•	(1,810.18)	-	(909.25)	-	·			_	113,299.79
13-Jan-18	•	•	•	-	•	•	-	(887.31)	-	-		<b>-</b>		112,412.48
14-Jan-18	•	•	•	•	•	•	-	(417.24)	_					111,995.24
15-Jan-18	•		•	•	•	•	-	(1,267.64)	-	-		-		110,727.60
16-Jan-18	102,796.28		•	•	•	(1,898.70)	-	(674.23)		·	<u> </u>	(12.94)	-	210,938.01
17-Jan-18		-	•	•	(26,794.20)	(5,212.63)	•	(657.88)	-	-	-	-	•	178,273.30
18-Jan-18		-	-		-	(3,566.92)		(445.63)		-	-	•		174,260.75
19-Jan-18	-	-	-		-	-		(111.95)	-	-	-	•	•	174,148.80
20-Jan-18	-	-	-	•	-	-		(318.97)		-	-	•	<u> </u>	173,829.83
21-Jan-18	-	-	-	•	-	•	-	(586.85)	-	-	-	•	-	173,242.98
22-Jan-18	105.95	-	-	-	(15,511.58)	(3,121.76)	•	(1,032.78)	-		•	•	-	153,682.81
23-Jan-18		-		-	(151.17)		-	(314.70)	-	<u> </u>	-	-	-	150,712.50
24-Jan-18	160.30	-	-	-		(4,920.34)	-	(443.90)	-		-	-	-	145,508.56
25-Jan-18	•	•		-	(1,374.45)	(4,546.77)	-	(594.79)	-	<u> </u>	•	(100.00)	-	138,892.55
26-Jan-18	•	•	-	•	-	(3,687.11)	(97.25)	(1,043.61)	•	-	-	-	•	134,064.58
27-Jan-18	-	-	-		-	-		•	-	-	•	•	•	134,064.58
28-Jan-18	•		-		-	-	-		•		-	•	•	134,064.58
29-Jan-18	•	-	-	•	(5,786.44)	(1,604.65)	-	•		-	-	-	•	126,673.49
30-Jan-18	-	-	-	•	-	(3,996.24)	•	•	-	-	•	•	•	122,677.25
31-Jan-18		-	-	-	(1,406.00)	(5,245.48)			-	-	•	•		116,025.77
Sub Totals	103,110.43	-	-	•	(63,980.06)	(66,341.36)	(97.25)	(15,756.78)	•	_		(134.05)	(27,208.54)	(70,407.61)
Totals		103,1	10.43	•		(14	6,175.45)				(134.05)		(27,208.54)	143,234.31



### **Topsfield Water Department**

### **Statement of Revenues and Commitments**

As of the last day of:

January 2018

COMMITMENTS	This Month	Fiscal Year to Date
User Fees	103,110.43	939,418.39
Connections	-	1,000.00
Misc. Charges	-	-
Penalties	•	13,810.00
TOTAL	103,110.43	954,228.39
INCOME	This Month	Fiscal Year to Date
Manual Payments	(63,980.06)	(426,294.51)
Lockbox Payments	(66,341.36)	(398,312.71)
Electronic Transfers	(97.25)	(371.85)
Unibank Payments	(15,756.78)	(113,676.85)
Bounced Checks	-	463.80
TOTAL	(146,175.45)	(938,192.12)
ADJUSTMENTS	This Month	Fiscal Year to Date
Refunds	-	1,655.25
Abatements	(134.05)	(4,731.01)
TOTAL	(134.05)	(3,075.76)
TAX LIENS		
Tax Liens	(27,208.54)	(27,208.54)
NET TOTAL	(43,199.07)	12,960.51
BALANCE FORWARD	186,433.38	
THIS MONTH'S TRANSACTIONS	(70,407.61)	
OUTSTANDING BALANCE \$	143,234.31	
	FY2018	FY2017
ESTIMATED TOTAL INCOME	1,322,444.00	1,307,363.07
ACTUAL TOTAL INCOME	938,192.12	1,279,407.85
\		_,,
% REALIZED Y-T-D		



	61000-1311	LO User Charges &	& Water Connection	ns - Fees Recei	vable	
	For the Mo	nth of	January 2018	in the amou	nt of	<u>\$103,110.43</u>
	то:	Catherine Gabri	el, Town Accountar	nt		
	You are her Board of W charges and	ater Commission	the <u>COMMITMEN</u> ers. Inlcuded in this	<b>[<u>S</u> in the amou</b> amount are w	nt shown above have t ater rates & fees, conr	his day been made by the nection fees, miscelaneou
	DATE:					
1						
	Philip Know	vles, Chairman			•	
	Richard Sto	one, Clerk		<del></del>		
	Mark Galla	gher			-	



	61000-13110	U User Charges o	x water connection	113 - FEES NECEI	Vable		
	For the Mon	nth of	January 2018	in the amou	nt of	<u>-\$134.05</u>	
	TO:	Catherine Gabrie	el, Town Accountar	nt			
	You are here Water Com	eby notified that missioners. Includ	the <u>ABATEMENTS</u> ded in this amount	in the amount are all abatem	shown above have this ents, refunds, bounced	day been made by the Boar checks and other adjustme	rd of ents.
	DATE:						
`							
	Philip Know	les, Chairman					
	Richard Sto	ne, Clerk					
	Mark Gallag #NAME?	gher					



Category	Anne-Marie Yeo	Ben Reuell	Gregory Krom	Travis Fontaine	Tota
Accrued Time					
Holidays	12	8	8	16	44
Sick			108		108
Vacation	12		26	- 634	38
	24	8	142	16	190
Administrative	多种的独特和特别				
Accrual Tracking	2				2
Charts		56	-	54	110
Correspondence	24				24
File Maintenance	14				14
Meeting Prep.	2		4		6
Meetings	2		2		4
Other			1	_10000001	2007(1)
Plan Review			2		2
Training				4	4
	44	56	9	58	167
Billing					
Meter Problems				3	3
Meter Reading			2	3	5
			2	6	8
Building Maintenance					
Alarms		4		6.8	4
Preventative		2		5211	2
		6		We get	6
Computer Systems					
Backup			2		2
Networking			2		2
Repairs			2		2
Website			2	salent as a	2
			8	man of the	8
Customer Service					
Billing Questions		4	2	1	7
Customer Complaints		6		1	7
Lien Requests	9				9
Pressure Questions		2		Tevani Wesi	2
Title 5 Requests	3			unii naz	3



Category	Anne-Marie Yeo	Ben Reuell	Gregory Krom	Travis Fontaine	Total
Water Quality Questions		4			4
Water Service Flushing		6		2	8
	12	22	2	4	40
DEP Projects					
Other				2	2
				2	2
Equipment Maintenance					
Annual				4	4
Preventative		2			2
Repairs				4	4
9		2		8	10
Financials					
Payment Processing	18				18
Payroll/Bills	21				21
	39				39
Fire Department					
Fire Call				3	3
				3	3
Mapping					
CAD/Maps			2		2
			2		2
Public Service					
Citizen Concerns		4			4
Markouts/DigSafe		16		4	20
		20		4	24
Quality Control					
Bacteria Sampling		20		15	35
Fluoride Testing		44		13	57
In-house Testing		2			2
Manganese Testing		6	1	4	10
Other		2	2	2	6
pH Testing		8		7	15
Phosphates		2		4	6
		84	2	45	131
Snow & Ice Removal				raide (f.) ent	
Plowing/Sanding				4	4



Category	Anne-Marie Yeo	Ben Reuell	Gregory Krom	Travis Fontaine	Total
				4	4
Special Projects					
Andrews Farm				3	3
				3	3
Treatment Plant Project	rahabay bayasi		Negronalista	e proportion de la company	
Plant Construction			2	3	5
Water Main Construction				8	8
			2	11	13
Water Controls					
Alarm Testing				1	1
Alarms				1	1
SCADA System				1	1
			200	3	3
Water Distribution					
Hydrant Repair				2	2
Leak Detection			1	2	3
Meter Replacements		***************************************		1	1
Meter Testing				3	3
Service Repair			2		2
Tanks				1	1
Thawing				2	2
			3	11	14
Water Supply	eriod aprilate en en retalis e	TERMINAL PROPERTY.	กระดูเสมสมริสส์สร้างเก	depart states	l-train
Pumps			4	2	6
Vacuum System				2	2
			4	4	8
Water Treatment				an kuringan per	
Analyzer Calibration				1	1
Analyzer Maintenance				2	2
Chlorine		2		5	7
Fluoride				3	3
Sequestrant  Grand Total				3	3
		2		14	16
	119	200	176	196	691



Category	Anne-Marie Yeo	Ben Reuell	Gregory Krom	Travis Fontaine	Total
Total Monthly Work Hours (40 hrs/wk)	184				

Topsfield Water Department Superintendent's Report February 14, 2018

#### **Old Business**

#### 1. Water Treatment Plant

Kinsmen has erected a large tent over the foundation and work on the first-floor deck is underway. The lower mat of rebar is in place and the plumber and electrician are running conduits. We expect the upper mat of rebar will be installed in the next week or so and the deck to be poured soon afterwards.

National Grid has requested an easement to extend the existing electrical lines to the plant and for the booster station in the lower parking lot. The exact location of the booster station transformer is under review. This Board and the Board of Road Commissioners should vote to recommend the granting of the easement before it is forwarded to the Selectmen.

#### 2. Transmission Mains

All of the transmission mains are installed and filled. R+D will be pressure testing the directionally drilled mains over the next couple of weeks, followed by flushing and bacteria testing. All of the ductile mains have been pressure tested but nothing has been flushed or bacteria tested yet.

R+D and Henniker Drilling are dealing with a significant blow out of slurry that occurred on the easement. They have a lot of hand-work to do to clean up the mess that extends approximately 100 yards on the hillside.

3. Leaks & Breaks Nothing to report.

#### 4. Andrews Farm Water Company

AFWC is still purchasing water from us. The latest news is Doug Conn has resigned from the company due to health reasons. MassDEP's lawyers are looking into the legal ramifications of his exit, mainly to see if it's even possible. Doug raised concerns about the ability to pay bills and floated the idea of us billing the homeowner's association directly. AFWC currently has a credit balance of over \$1,000 but the bill of January's water use will be close to \$3,000.

#### 5. Metering

Sensus is discontinuing the radio transponders that we currently use for reading meters. They are switching to a radio model that can work with a fixed base and drive-by system that operates at a higher frequency. It appears that Sensus has made provisions to make the transition as easy as possible but we'll have to upgrade our reading equipment to be able to read the new transponders.

I don't foresee a large-scale change over to the new transponders. More likely we'll rely on attrition and replace the old ones as they fail.

#### 6. Capital Plan & Budget

We had planned to contribute 10% of the cost of the new loader but that purchase has been postponed until FY2020. The increased cost of the plant, the River Road project and plans to go out to permanent bond a year ahead of schedule are leading to a couple of years of large rate increases, approximately

36% for FY2019 and FY2020, despite the ramp up that we've had in place for several years. We have \$700,000 in retained earnings and could put another 300,000 or 400,000 of free cash towards the projects to lower the amount of debt. We could also change the type of debt such as equal total debt payments each year rather than equal principal payments each year. Doing both is possible. This would lower the total debt we incur and spread the debt evenly over the 20 years rather than front-loading the payments.

#### **New Business**

- 1. Sustainable Water Management Initiative Grant
  MassDEP approved a second grant proposal as a follow-up to the grant awarded last year to Topsfield,
  Danvers Middleton, Hamilton & Wenham. This grant will take a closer look at potential regional
  management of water supplies to optimize water allocations as well as how and when MWRA water
  could be brought into the basin. The final report is due by the end of June 2018.
- 2. Groundwater Protection District
  The Town received a request from Hamilton to add the portion of their Zone II that is in Topsfield to our
  Groundwater Protection District. Wenham submitted a similar request in 2015. This is mainly a
  Planning Board issue but you ought to be aware of the requests.