

Aquarion Water Company of New Hampshire
2016 Annual WICA Surcharge Filing

**WATER INFRASTRUCTURE AND CONSERVATION ADJUSTMENT
CALCULATION OF SURCHARGE**

Line					<u>Schedule Ref.</u>	
1						
2	Total Investment through 09/30/2015				DK-1, Pg 3 Col 6b Ln 24	\$ 2,076,339
3						
4	Accumulated Depreciation				DK-1, Pg 3 Col 8a Ln 24	(12,560)
5						
6	Net Investment				Ln 2 + Ln 4	<u>\$ 2,063,779</u>
7						
8	Allowed Return on Rate Base				DK-1, Pg 2 Col 10	<u>7.49%</u>
9						
10	Allowed Return on Investment				Ln 6 x Ln 8	\$ 154,577
11						
12	Income Tax on Equity Component					
13						
14		(a)	(b)	(c)	(d)	
15		Weighted	Tax	Pre tax	Tax Gross Up	
16		Cost	Multiplier	Cost	Col (c) - Col (a)	
17						
18	Debt	3.58%	1.00	3.58%	0.00%	
19	Equity	<u>3.91%</u>	1.68	<u>6.57%</u>	<u>2.66%</u>	
20						
21		7.49%		10.15%	2.66%	
22						
23	Total Eligible Investment (Line 6 above)					\$ 2,063,779
24						
25						
26	Income Tax Expense				Ln 21 Col D X Ln 23	54,897
27						
28	Depreciation Expense				DK-1, Pg 3 Col 8 Ln 24	25,119
29						
30	Property Tax Expense				DK-1, Pg 3 Col 10 Ln 24	41,071
31						
32	Adjustment: Annual Revenues Allowed				Lines 10 + 26 + 28 + 30	<u>\$ 275,664</u>
33						
34						
35	Base Revenues on which Adjustment will be applied					
36	Revenues allowed DW 12-085					\$ 7,129,043
37	Misc. Charges not subject to WICA					(189,059)
38						<u>\$ 6,939,984</u>
39						
40	Surcharge Percent (Line 32 divided by Line 38)					3.9721%

Aquarion Water Company of New Hampshire
2016 Annual WICA Surcharge Filing

WATER INFRASTRUCTURE & CONSERVATION ADJUSTMENT
COMPLETED PROJECTS

Line	Project Name or Class Category	1	2	3	4	5	6	7	8	9	10	11	12 = ((4-5) x 10) + 7 + 8 + 9 WICA Adjustment Dollars
		Estimated Completion Date**	Actual Completion Date	Estimated Project Cost**	Actual Project Cost	Accumulated Depreciation	Project Cost minus Accumulated Depreciation	Depreciation Expense	Property Tax Expense	Income Tax Expense	Rate of Return	Annual Retail Revenues	
1													
2	<u>Project Surcharge Approved in DW 13-314</u>												
3	Production Meters	30-Sep-13	30-Sep-13	\$ 18,030	\$ 16,466	\$ 244	\$ 16,222	\$ 488	\$ 237	\$ 431	7.49%	\$ 7,129,043	2,372
4	Main Replacements	30-Sep-13	30-Sep-13	\$ -	\$ 689,856	\$ 4,027	\$ 685,829	\$ 8,054	\$ 14,944	\$ 18,243	7.49%	\$ 7,129,043	92,609
5	Hydrants*	30-Sep-13	30-Sep-13	\$ 32,700	\$ 8,147	\$ 87	\$ 8,060	\$ 174	\$ 161	\$ 214	7.49%	\$ 7,129,043	1,153
6	Services*	30-Sep-13	30-Sep-13	\$ 80,600	\$ 14,414	\$ 126	\$ 14,288	\$ 252	\$ 286	\$ 380	7.49%	\$ 7,129,043	1,988
7	Valves*	30-Sep-13	30-Sep-13	\$ 10,800	\$ 5,167	\$ 129	\$ 5,038	\$ 258	\$ 108	\$ 134	7.49%	\$ 7,129,043	878
8													
9	<u>Project Surcharge Approved in DW 14-300</u>												
10	Production Meters	30-Sep-14	30-Sep-14	\$ 1,600	\$ 3,044	\$ 61	\$ 2,983	\$ 122	\$ 62	\$ 79	7.49%	\$ 7,129,043	487
11	Main Replacements	30-Sep-14	30-Sep-14	\$ 937,968	\$ 593,603	\$ 3,502	\$ 590,101	\$ 7,004	\$ 13,074	\$ 15,697	7.49%	\$ 7,129,043	79,972
12													
13	<u>Project Surcharge Proposed Herein</u>												
14	Main Replacements	30-Sep-15	30-Sep-14	\$ 745,643	\$ 745,643	\$ 4,383	\$ 741,259	\$ 8,767	\$ 12,199	\$ 19,717	7.49%	\$ 7,129,043	96,204
15													
16													
17													
18	TOTALS			<u>\$ 1,827,341</u>	<u>\$ 2,076,339</u>	<u>\$ 12,560</u>	<u>\$ 2,063,779</u>	<u>\$ 25,119</u>	<u>\$ 41,071</u>	<u>\$ 54,897</u>			<u>\$ 275,664</u>
19													

* Emergency Replacement
** Per Docket Filing DW 13-314

Aquarion Water Company of New Hampshire
2016 Annual WICA Surcharge Filing

WATER INFRASTRUCTURE AND CONSERVATION ADJUSTMENT
ELIGIBLE PROJECTS PLACED IN SERVICE

Line	Description of Project	Street	Town	1 PUC Acct	2 Depr Rate	3 Type of Project**	4 Date in Service	5 Date of 1st Filing	6a Total Capital Costs	6b Eligible Capital Costs	7a Total Retirements	7b Eligible Retirements	8 = (6b - 7b) x 2 Depreciation Expense	8a = 8 x 50% Accumulated Depreciation	9			10 = (((6b-7b-8a)/1000) x 9) Prop. Tax Expense***		
															Town	State	Total			
1																				
2	Project Surcharge Approved in DW 13-314																			
3																				
4	Production Meters	Rye		328	4.40%	Other Pumping	9/30/2013	10/31/2013	\$ 3,432	\$ 3,432	\$ 3,033	\$ 3,033	\$ 18	\$ 9	8.53	6.60	15.13	\$	6	
5	Production Meters	North Hampton		328	4.40%	Other Pumping	9/30/2013	10/31/2013	\$ 4,511	\$ 4,511	\$ 2,331	\$ 2,331	\$ 96	\$ 48	14.26	6.60	20.86	\$	44	
6	Production Meters	Hampton		328	4.40%	Other Pumping	9/30/2013	10/31/2013	\$ 8,522	\$ 8,522	\$ -	\$ -	\$ 375	\$ 187	15.80	6.60	22.40	\$	187	
7	Church Street-Highland Avenue to Williams Street	Hampton		343	1.20%	Main Replacement	9/30/2013	10/31/2013	\$ 133,335	\$ 133,335	\$ 6,243	\$ 6,243	\$ 1,525	\$ 763	15.80	6.60	22.40	\$	2,830	
8	Auburn Avenue	Hampton		343	1.20%	Main Replacement	9/30/2013	10/31/2013	\$ 206,750	\$ 206,750	\$ 10,346	\$ 10,346	\$ 2,357	\$ 1,178	15.80	6.60	22.40	\$	4,373	
9	Auburn Avenue Extension	Hampton		343	1.20%	Main Replacement	9/30/2013	10/31/2013	\$ 85,554	\$ 85,554	\$ 359	\$ 359	\$ 1,022	\$ 511	15.80	6.60	22.40	\$	1,897	
10	Perkins Avenue	Hampton		343	1.20%	Main Replacement	9/30/2013	10/31/2013	\$ 264,216	\$ 264,216	\$ 1,760	\$ 1,760	\$ 3,149	\$ 1,575	15.80	6.60	22.40	\$	5,844	
11	Hydrants*	Hampton		348	2.40%	Hydrants	9/30/2013	10/31/2013	\$ 22,839	\$ 8,147	\$ 2,498	\$ 891	\$ 174	\$ 87	15.80	6.60	22.40	\$	161	
12	Services*	Hampton		345	1.85%	Services	9/30/2013	10/31/2013	\$ 33,941	\$ 12,108	\$ 1,994	\$ 711	\$ 211	\$ 105	15.80	6.60	22.40	\$	253	
13	Services*	Rye		345	1.85%	Services	9/30/2013	10/31/2013	\$ 6,464	\$ 2,306	\$ 230	\$ 82	\$ 41	\$ 21	8.53	6.60	15.13	\$	33	
14	Valves*	Hampton		349	5.00%	Other T&D Plant	9/30/2013	10/31/2013	\$ 6,351	\$ 2,265	\$ -	\$ -	\$ 113	\$ 57	15.80	6.60	22.40	\$	49	
15	Valves*	North Hampton		349	5.00%	Other T&D Plant	9/30/2013	10/31/2013	\$ 8,133	\$ 2,901	\$ -	\$ -	\$ 145	\$ 73	14.26	6.60	20.86	\$	59	
16																				
17	Project Surcharge Approved in DW 14-300																			
18																				
19	Production Meters	Hampton		328	4.40%	Other Pumping	9/30/2014	10/31/2014	\$ 3,044	\$ 3,044	\$ 264	\$ 264	\$ 122	\$ 61	15.80	6.60	22.40	\$	62	
20	Well 9 Transmission Main	Hampton		343	1.20%	Main Replacement	9/30/2014	10/31/2014	\$ 57,506	\$ 57,506	\$ 3,160	\$ 3,160	\$ 652	\$ 326	15.80	6.60	22.40	\$	1,217	
21	Ocean Boulevard- Dumas Ave to Winnacunnet Rd	Hampton		343	1.20%	Main Replacement	9/30/2014	10/31/2014	\$ 536,096	\$ 536,096	\$ 6,801	\$ 6,801	\$ 6,352	\$ 3,176	15.80	6.60	22.40	\$	11,856	
22																				
23	Project Surcharge Proposed Herein																			
24																				
25	Great Boars Head - Cliff Circle to Ocean Blvd	Hampton		343	1.20%	Main Replacement	9/30/2015	10/31/2015	\$169,733	\$ 169,733	\$551	\$ 551	\$ 2,030	\$ 1,015	15.80	6.60	22.40	\$	2,825	
26	Kings Hwy - 11th, 13th, 14th & 15th St	Hampton		343	1.20%	Main Replacement	9/30/2015	10/31/2015	\$397,822	\$ 397,822	\$11,912	\$ 11,912	\$ 4,631	\$ 2,315	15.80	6.60	22.40	\$	6,444	
27	Ross Avenue	Hampton		343	1.20%	Main Replacement	9/30/2015	10/31/2015	\$178,087	\$ 178,087	\$2,637	\$ 2,637	\$ 2,105	\$ 1,053	15.80	6.60	22.40	\$	2,930	
28																				
29																				
30																				
31																				
32																				
33																				
									TOTALS	\$ 2,126,339	\$ 2,076,339	\$ 54,120	\$ 51,082	\$ 25,119	\$ 12,560				\$	41,071

*Total capital costs are reduced by \$50,000 proportionately per Order No. 25,539. Retirements are also proportionately reduced.

** Type of Project (designations will be given for various types of projects)

***Property Tax Expense is for nine months for the 2015 proposed surcharge projects.

WATER INFRASTRUCTURE AND CONSERVATION ADJUSTMENT

In addition to the net charges provided for in this Tariff, a Water Infrastructure and Conservation Adjustment (“WICA”) surcharge of ~~2.53863.9721~~% will apply to all bills with services rendered on or after January 1, ~~2015~~2016.

I. General Description

Purpose: To recover the fixed costs (depreciation, property taxes and pre-tax return) of certain Commission-approved non-revenue producing system improvement projects completed and placed in service and to be recorded in the individual accounts, as noted below, between base rate cases. In addition, WICA provides the Company with the resources to accelerate asset replacement for infrastructure for the purpose of improving or protecting water quality and the reliability of service and to comply with evolving regulatory requirements imposed by the Safe Drinking Water Act.

Eligible Property: The WICA-eligible property will consist of the following:

Services over and above an annual; \$50,000 threshold (account 333) and hydrants (account 335) installed as in-kind (i.e., same size) replacements for customers;

mains and valves (account 331) installed as replacements for existing facilities that have either reached the end of their useful life, are worn out or are in deteriorated condition,

main cleaning and re-lining projects and relocations that are non-reimbursable (account 331);

replacement of production meters (account 304); and

replacement of pressure reducing valves (accounts 309, 331);

II. Computation of the WICA

Calculation: The initial charge, effective January 1, 2011, will be calculated to recover the fixed costs of eligible plant additions that have not previously been reflected in the Company's rate base and will have been placed in service between January 1, 2010 and September 30, 2010. Thereafter, the WICA will be updated on an annual basis to reflect eligible plant additions placed in service during the twelve month period ending three months prior to the effective date of each WICA update. Thus, changes in the WICA rate will occur as follows:

Issued: ~~March 11, 2015~~January 1, 2016

Issued by: _____
Donald Morrissey

Effective: January 1, ~~2015~~2016

Title: Chief Financial Officer

As authorized in order ~~25,751XX.XXX~~ in Case DW ~~14-30015-XXX~~

NHPUC No. 1 – Water
Aquarion Water Company of New Hampshire

Third Revised Page 17
Superseding Second Revised Page 17

<u>Effective Date Of WICA Change</u>	<u>Date To Which WICA Eligible Plant Additions Reflected</u>
January 1, 2XXX+1	September 30, 2XXX

The fixed costs of eligible infrastructure system improvement projects will consist of depreciation, property taxes and pre-tax return, calculated as follows:

Depreciation: The depreciation expense will be calculated by applying the depreciation rates employed in the Company's last base rate case for the plant accounts to the original cost of WICA-eligible property minus the corresponding retirement unit recorded.

Property Taxes: For the first year that a WICA for any particular project is in effect, the property tax expense will reflect an estimate of the tax expense for such projects based on the tax rate then in effect. If such property taxes will be due for only a portion of the calendar year, then the WICA for the first year shall reflect only the property taxes projected to be paid. For the second and subsequent years that a WICA for those projects is in effect, the WICA shall be determined using the taxes due and owing for such projects based on the tax bill for a full tax year. The WICA shall not be adjusted in subsequent years, regardless of any change in the taxes originally assessed.

Pre-tax return: The pre-tax return will be calculated using the state and federal income tax rates. The cost of equity and debt will be the rates approved in the Company's last base rate case, DW 08-098, or a subsequent docket.

WICA Surcharge Amount: The charge will be expressed as a percentage carried to four decimal places and will be applied to the effective portion of the total amount billed to each customer under the Company's otherwise applicable rates and charges.

Formula: The formula for calculation of the WICA surcharge is as follows:

$$\text{WICA} = \frac{(\text{ISI} \times \text{PTRR}) + \text{Dep} + \text{PT}}{\text{BRWR}}$$

Where:

Issued: September 25, 2009

Issued by: _____
Donald Morrissey

Effective: September 25, 2009
As authorized in order 25,019 in Case DW 08-098

Title: Chief Financial Officer

- ISI= the original cost to the Company of eligible infrastructure system improvement projects.
- PTRR= the pre-tax return rate applicable to eligible infrastructure system improvement projects.
- Dep= annual depreciation expense related to eligible infrastructure system improvement projects.
- PT= annual property taxes related to eligible infrastructure system improvement projects.
- BRWR= base retail water revenues as approved by the Commission in the Company's last rate proceeding, DW 08-098, or a subsequent docket.

Annual updates: Supporting data for each annual update will be filed with the Commission and the Office of Consumer Advocate sixty (60) days prior to the effective date of the update. The Company shall also provide notice to the Towns.

III. Safeguards

Cap: The amount of the WICA applied between general rate case filings shall not exceed seven and one-half percent (7.5%) of the Company's annual retail water revenues as approved in its most recent rate filing, and shall not exceed five percent (5%) of such revenues for any twelve-month period.

Project Changes: If, after the Company has received Commission approval for Year 1 projects, because of changed circumstances or significant new information the Company plans to undertake projects in Year 1 that were not included on the list of approved WICA projects for that year or it has decided not to proceed with one or more projects that were included on the Commission-approved list, it shall promptly notify the Commission and all parties to the proceeding in which the list of WICA projects was approved that the Company plans to add to or delete projects and the reason for the proposed changes.

Issued: April 1, 2014

Issued by: _____
Donald Morrissey

Effective: April 1, 2014
As authorized in order 25,668 in Case DW 13-314

Title: Chief Financial Officer

NHPUC No. 1 – Water
Aquarion Water Company of New Hampshire

Original Page 18-A

Audits: The WICA will be subject to audit prior to the determination by the Commission.

New Base Rates: The WICA charge will be reset at zero as of the effective date of new base rates that provide for prospective recovery of the annual costs that had theretofore been recovered under the WICA. Thereafter, only the fixed costs of new eligible plant additions, that have not previously been reflected in the Company's rate base, would be reflected in the annual updates of the WICA.

Customer Notice: Customers shall be notified of changes in the WICA by including appropriate information on the first bill they receive following any change. An explanatory bill insert shall also be included with the first billing. Before sending, the Company will review the notice with the Commission's Consumer Affairs division.

Issued: April 1, 2014

Issued by: _____
Donald Morrissey

Effective: April 1, 2014
As authorized in order 25,668 in Case DW 13-314

Title: Chief Financial Officer

Aquarion Water Company of New Hampshire
2017 Annual WICA Surcharge Filing (2015 Estimate)

**WATER INFRASTRUCTURE AND CONSERVATION ADJUSTMENT
CALCULATION OF SURCHARGE**

Line					<u>Schedule Ref.</u>	
1						
2	Total Investment through 09/30/2014				2016 3 Col 6b Ln 26	\$ 3,120,339
3						
4	Accumulated Depreciation				2016 3 Col 8a Ln 26	(18,830)
5						
6	Net Investment				Ln 2 + Ln 4	<u>\$ 3,101,509</u>
7						
8	Allowed Return on Rate Base				2016 2 Col 10	<u>7.49%</u>
9						
10	Allowed Return on Investment				Ln 6 x Ln 8	\$ 232,303
11						
12	Income Tax on Equity Component					
13						
14		(a)	(b)	(c)	(d)	
15		Weighted	Tax	Pre tax	Tax Gross Up	
16		Cost	Multiplier	Cost	Col (c) - Col (a)	
17						
18	Debt	3.58%	1.00	3.58%	0.00%	
19	Equity	<u>3.91%</u>	1.68	<u>6.57%</u>	<u>2.66%</u>	
20						
21		7.49%		10.15%	2.66%	
22						
23	Total Eligible Investment (Line 6 above)				\$ 3,101,509	
24						
25						
26	Income Tax Expense				Ln 21 Col D X Ln 23	82,500
27						
28	Depreciation Expense				2016 3 Col 8 Ln 26	37,660
29						
30	Property Tax Expense				2016 3 Col 10 Ln 26	58,275
31						
32	Adjustment: Annual Revenues Allowed				Lines 10 + 26 + 28 + 30	<u>\$ 410,738</u>
33						
34						
35	Base Revenues on which Adjustment will be applied					
36	Revenues allowed DW 12-085				\$	7,129,043
37	Misc. Charges not subject to WICA					(189,059)
38					\$	<u>6,939,984</u>
39						
40	Surcharge Percent (Line 32 divided by Line 38)					5.9184%

Aquarion Water Company of New Hampshire
2017 Annual WICA Surcharge Filing (2015 Estimate)

WATER INFRASTRUCTURE & CONSERVATION ADJUSTMENT
COMPLETED PROJECTS

Line	Project Name or Class Category	1 Estimated Completion Date**	2 Actual Completion Date	3 Estimated Project Cost**	4 Actual Project Cost	5 Accumulated Depreciation	6 Project Cost minus Accumulated Depreciation	7 Depreciation Expense	8 Property Tax Expense	9 Income Tax Expense	10 Rate of Return	11 Annual Retail Revenues	12 = ((4-5) x 10) + 7 + 8 + 9 WICA Adjustment Dollars
1	2013 Projects												
2	Production Meters	30-Sep-13	30-Sep-13	\$ 18,030	\$ 16,466	\$ 244	\$ 16,222	\$ 488	\$ 237	\$ 431	7.49%	\$ 7,129,043	2,372
3	Main Replacements	30-Sep-13	30-Sep-13	\$ -	\$ 689,856	\$ 4,027	\$ 685,829	\$ 8,054	\$ 14,944	\$ 18,243	7.49%	\$ 7,129,043	92,609
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7	2014 Projects												
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12	2016 Projects												
13	Production Meters	30-Sep-16	30-Sep-16	\$ 1,600	\$ 7,000	\$ 141	\$ 6,859	\$ 281	\$ 143	\$ 182	7.49%	\$ 7,129,043	1,121
14	Main Replacements	30-Sep-16	30-Sep-16	\$ 1,037,000	\$ 1,037,000	\$ 6,130	\$ 1,030,870	\$ 12,260	\$ 17,061	\$ 27,421	7.49%	\$ 7,129,043	133,954
15													
16													
17													
18													
19	TOTALS			<u>\$ 2,865,941</u>	<u>\$ 3,120,339</u>	<u>\$ 18,830</u>	<u>\$ 3,101,509</u>	<u>\$ 37,660</u>	<u>\$ 58,275</u>	<u>\$ 82,500</u>			<u>\$ 410,739</u>
20													
21	* Emergency Replacement												
22	** Per Docket Filing DW 13-314												
23													

Aquarion Water Company of New Hampshire
2017 Annual WICA Surcharge Filing (2015 Estimate)

WATER INFRASTRUCTURE AND CONSERVATION ADJUSTMENT
ELIGIBLE PROJECTS PLACED IN SERVICE

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															Town	State	Total	
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2014 Projects																		
14	Production Meters		Hampton	328	4.40%	Other Pumping	9/30/2014	10/31/2014	\$ 3,044	\$ 3,044	\$ 264	\$ 264	\$ 122	\$ 61	15.80	6.60	22.40	\$ 62
15	Well 9 Transmission Main		Hampton	343	1.20%	Main Replacement	9/30/2014	10/31/2014	\$ 57,506	\$ 57,506	\$ 3,160	\$ 3,160	\$ 652	\$ 326	15.80	6.60	22.40	\$ 1,217
16	Ocean Boulevard- Dumas Ave to Winnacunnet Rd		Hampton	343	1.20%	Main Replacement	9/30/2014	10/31/2014	\$ 536,096	\$ 536,096	\$ 6,801	\$ 6,801	\$ 6,352	\$ 3,176	15.80	6.60	22.40	\$ 11,856
2015 Projects																		
19	Great Boars Head - Cliff Circle to Ocean Blvd		Hampton	343	1.20%	Main Replacement	9/30/2015	10/31/2015	\$169,733	\$ 169,733	\$551	\$ 551	\$ 2,030	\$ 1,015	15.80	6.60	22.40	\$ 2,825
20	Kings Hwy - 11th, 13th, 14th & 15th St		Hampton	343	1.20%	Main Replacement	9/30/2015	10/31/2015	\$397,822	\$ 397,822	\$11,912	\$ 11,912	\$ 4,631	\$ 2,315	15.80	6.60	22.40	\$ 6,444
21	Ross Avenue		Hampton	343	1.20%	Main Replacement	9/30/2015	10/31/2015	\$178,087	\$ 178,087	\$2,637	\$ 2,637	\$ 2,105	\$ 1,053	15.80	6.60	22.40	\$ 2,930
2016 Projects																		
24	Production Meters		Hampton	328	4.40%	Other Pumping	9/30/2016	10/31/2016	\$ 7,000	\$ 7,000	\$606	\$ 606	\$ 281	\$ 141	15.80	6.60	22.40	\$ 143
25	Lafayette Rd: H068 to Park Ave (south)		Hampton	343	1.20%	Main Replacement	9/30/2016	10/31/2016	\$ 121,000	\$ 121,000	\$1,792	\$ 1,792	\$ 1,430	\$ 715	15.80	6.60	22.40	\$ 1,991
26	Lafayette Rd: H068 to Park Ave (north)		Hampton	343	1.20%	Main Replacement	9/30/2016	10/31/2016	\$ 84,000	\$ 84,000	\$1,244	\$ 1,244	\$ 993	\$ 497	15.80	6.60	22.40	\$ 1,382
27	Lafayette Rd: Park Ave (north) to Stickney Terr		Hampton	343	1.20%	Main Replacement	9/30/2016	10/31/2016	\$ 72,000	\$ 72,000	\$1,066	\$ 1,066	\$ 851	\$ 426	15.80	6.60	22.40	\$ 1,185
28	Lafayette Rd: Stickney Terr to Winnacunnet Rd		Hampton	343	1.20%	Main Replacement	9/30/2016	10/31/2016	\$ 245,000	\$ 245,000	\$3,628	\$ 3,628	\$ 2,896	\$ 1,448	15.80	6.60	22.40	\$ 4,031
29	Manchester St: off Ashworth Ave		Hampton	343	1.20%	Main Replacement	9/30/2016	10/31/2016	\$ 136,000	\$ 136,000	\$2,014	\$ 2,014	\$ 1,608	\$ 804	15.80	6.60	22.40	\$ 2,237
30	North Shore Rd: Cusack Rd to Quinlan Ln		Hampton	343	1.20%	Main Replacement	9/30/2016	10/31/2016	\$ 271,000	\$ 271,000	\$4,013	\$ 4,013	\$ 3,204	\$ 1,602	15.80	6.60	22.40	\$ 4,458
31	Sunsurf Ave: off Cliff Ave		Hampton	343	1.20%	Main Replacement	9/30/2016	10/31/2016	\$ 108,000	\$ 108,000	\$1,599	\$ 1,599	\$ 1,277	\$ 638	15.80	6.60	22.40	\$ 1,777

TOTALS	\$ 3,170,339	\$ 3,120,339	\$ 70,081	\$ 67,044	\$ 37,660	\$ 18,830												\$ 58,275
	to 2018 1,	to 2018 1,	to 2018 1,	to 2018 1,	to 2018 1,	to 2018 1,												to 2018 1,
	Ln 2	Ln 28	Ln 4	Ln 4	Ln 4	Ln 4												Ln 30

*Total capital costs are reduced by \$50,000 proportionately per Order No. 25,539. Retirements are also proportionately reduced.
** Type of Project (designations will be given for various types of projects)
***Property Tax Expense is for nine months for the 2014 proposed surcharge projects.

Aquarion Water Company of New Hampshire
2018 Annual WICA Surcharge Filing (2015 Estimate)

**WATER INFRASTRUCTURE AND CONSERVATION ADJUSTMENT
CALCULATION OF SURCHARGE**

Line					<u>Schedule Ref.</u>	
1						
2	Total Investment through 09/30/2014				2016 3 Col 6b Ln 26	\$ 4,103,339
3						
4	Accumulated Depreciation				2016 3 Col 8a Ln 26	(24,740)
5						
6	Net Investment				Ln 2 + Ln 4	<u>\$ 4,078,599</u>
7						
8	Allowed Return on Rate Base				2016 2 Col 10	<u>7.49%</u>
9						
10	Allowed Return on Investment				Ln 6 x Ln 8	\$ 305,487
11						
12	Income Tax on Equity Component					
13						
14		(a)	(b)	(c)	(d)	
15		Weighted	Tax	Pre tax	Tax Gross Up	
16		Cost	Multiplier	Cost	Col (c) - Col (a)	
17						
18	Debt	3.58%	1.00	3.58%	0.00%	
19	Equity	<u>3.91%</u>	1.68	<u>6.57%</u>	<u>2.66%</u>	
20						
21		7.49%		10.15%	2.66%	
22						
23	Total Eligible Investment (Line 6 above)					\$ 4,078,599
24						
25						
26	Income Tax Expense				Ln 21 Col D X Ln 23	108,491
27						
28	Depreciation Expense				2016 3 Col 8 Ln 26	49,480
29						
30	Property Tax Expense				2016 3 Col 10 Ln 26	74,010
31						
32	Adjustment: Annual Revenues Allowed				Lines 10 + 26 + 28 + 30	<u>\$ 537,468</u>
33						
34						
35	Base Revenues on which Adjustment will be applied					
36	Revenues allowed DW 12-085					\$ 7,129,043
37	Misc. Charges not subject to WICA					<u>(189,059)</u>
38						<u>\$ 6,939,984</u>
39						
40	Surcharge Percent (Line 32 divided by Line 38)					7.7445%

Aquarion Water Company of New Hampshire
2018 Annual WICA Surcharge Filing (2015 Estimate)

WATER INFRASTRUCTURE & CONSERVATION ADJUSTMENT
COMPLETED PROJECTS

Line	Project Name or Class Category	1 Estimated Completion Date**	2 Actual Completion Date	3 Estimated Project Cost**	4 Actual Project Cost	5 Accumulated Depreciation	6 Project Cost minus Accumulated Depreciation	7 Depreciation Expense	8 Property Tax Expense	9 Income Tax Expense	10 Rate of Return	11 Annual Retail Revenues	12 = ((4-5) x 10) + 7 + 8 + 9 WICA Adjustment Dollars
1	2013 Projects												
2	Production Meters	30-Sep-13	30-Sep-13	\$ 18,030	\$ 16,466	\$ 244	\$ 16,222	\$ 488	\$ 237	\$ 431	7.49%	\$ 7,129,043	2,372
3	Main Replacements	30-Sep-13	30-Sep-13	\$ -	\$ 689,856	\$ 4,027	\$ 685,829	\$ 8,054	\$ 14,944	\$ 18,243	7.49%	\$ 7,129,043	92,609
4	Hydrants*	30-Sep-13	30-Sep-13	\$ 32,700	\$ 8,147	\$ 87	\$ 8,060	\$ 174	\$ 161	\$ 214	7.49%	\$ 7,129,043	1,153
5	Services*	30-Sep-13	30-Sep-13	\$ 80,600	\$ 14,414	\$ 126	\$ 14,288	\$ 252	\$ 286	\$ 380	7.49%	\$ 7,129,043	1,988
6	Valves*	30-Sep-13	30-Sep-13	\$ 10,800	\$ 5,167	\$ 129	\$ 5,038	\$ 258	\$ 108	\$ 134	7.49%	\$ 7,129,043	878
7	2014 Projects												
8	Production Meters	30-Sep-14	30-Sep-14	\$ 1,600	\$ 3,044	\$ 61	\$ 2,983	\$ 122	\$ 62	\$ 79	7.49%	\$ 7,129,043	487
9	Main Replacements	30-Sep-14	30-Sep-14	\$ 937,968	\$ 593,603	\$ 3,502	\$ 590,101	\$ 7,004	\$ 13,074	\$ 15,697	7.49%	\$ 7,129,043	79,972
10	2015 Projects												
11	Main Replacements	30-Sep-15	30-Sep-15	\$ 745,643	\$ 745,643	\$ 4,383	\$ 741,259	\$ 8,767	\$ 12,199	\$ 19,717	7.49%	\$ 7,129,043	96,204
12	2016 Projects												
13	Production Meters	30-Sep-16	30-Sep-16	\$ 1,600	\$ 7,000	\$ 141	\$ 6,859	\$ 281	\$ 143	\$ 182	7.49%	\$ 7,129,043	1,121
14	Main Replacements	30-Sep-16	30-Sep-16	\$ 1,037,000	\$ 1,037,000	\$ 6,130	\$ 1,030,870	\$ 12,260	\$ 17,061	\$ 27,421	7.49%	\$ 7,129,043	133,954
15	2017 Projects												
16	Production Meters	30-Sep-17	30-Sep-17	\$ 1,600	\$ 7,000	\$ 141	\$ 6,859	\$ 281	\$ 143	\$ 182	7.49%	\$ 7,129,043	1,121
17	Main Replacements	30-Sep-17	30-Sep-17	\$ 976,000	\$ 976,000	\$ 5,769	\$ 970,231	\$ 11,539	\$ 15,592	\$ 25,808	7.49%	\$ 7,129,043	125,609
18													
19	TOTALS			<u>\$ 3,843,541</u>	<u>\$ 4,103,339</u>	<u>\$ 24,740</u>	<u>\$ 4,078,599</u>	<u>\$ 49,480</u>	<u>\$ 74,010</u>	<u>\$ 108,491</u>			<u>\$ 537,468</u>
20													

* Emergency Replacement

** Per Docket Filing DW 13-314

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Aquarion Water Company of New Hampshire
2018 Annual WICA Surcharge Filing (2015 Estimate)

WATER INFRASTRUCTURE AND CONSERVATION ADJUSTMENT
ELIGIBLE PROJECTS PLACED IN SERVICE

Line	Description of Project	Street	Town	1 PUC Acct	2 Depr Rate	3 Type of Project**	4 Date in Service	5 Date of 1st Filing	6a Total Capital Costs	6b Eligible Capital Costs	7a Total Retirements	7b Eligible Retirements	8 = (6b - 7b) x 2 Depreciation Expense	8a = 8 x 50% Accumulated Depreciation	9			10 = (((6b-7b-8a)/1000) x 9) Prop. Tax Expense***
															Town	State	Total	
2013 Projects																		
1	Production Meters		Rye	328	4.40%	Other Pumping	9/30/2013	10/31/2013	\$ 3,432	\$ 3,432	\$ 3,033	\$ 3,033	\$ 18	\$ 9	8.53	6.60	15.13	\$ 6
2	Production Meters		North Hampton	328	4.40%	Other Pumping	9/30/2013	10/31/2013	\$ 4,511	\$ 4,511	\$ 2,331	\$ 2,331	\$ 96	\$ 48	14.26	6.60	20.86	\$ 44
3	Production Meters		Hampton	328	4.40%	Other Pumping	9/30/2013	10/31/2013	\$ 8,522	\$ 8,522	\$ -	\$ -	\$ 375	\$ 187	15.80	6.60	22.40	\$ 187
4	Church Street-Highland Avenue to Williams Street		Hampton	343	1.20%	Main Replacement	9/30/2013	10/31/2013	\$ 133,335	\$ 133,335	\$ 6,243	\$ 6,243	\$ 1,525	\$ 763	15.80	6.60	22.40	\$ 2,830
5	Auburn Avenue		Hampton	343	1.20%	Main Replacement	9/30/2013	10/31/2013	\$ 206,750	\$ 206,750	\$ 10,346	\$ 10,346	\$ 2,357	\$ 1,178	15.80	6.60	22.40	\$ 4,373
6	Auburn Avenue Extension		Hampton	343	1.20%	Main Replacement	9/30/2013	10/31/2013	\$ 85,554	\$ 85,554	\$ 359	\$ 359	\$ 1,022	\$ 511	15.80	6.60	22.40	\$ 1,897
7	Perkins Avenue		Hampton	343	1.20%	Main Replacement	9/30/2013	10/31/2013	\$ 264,216	\$ 264,216	\$ 1,760	\$ 1,760	\$ 3,149	\$ 1,575	15.80	6.60	22.40	\$ 5,844
8	Hydrants*		Hampton	348	2.40%	Hydrants	9/30/2013	10/31/2013	\$ 22,839	\$ 8,147	\$ 2,498	\$ 891	\$ 174	\$ 87	15.80	6.60	22.40	\$ 161
9	Services*		Hampton	345	1.85%	Services	9/30/2013	10/31/2013	\$ 33,941	\$ 12,108	\$ 1,994	\$ 711	\$ 211	\$ 105	15.80	6.60	22.40	\$ 253
10	Services*		Rye	345	1.85%	Services	9/30/2013	10/31/2013	\$ 6,464	\$ 2,306	\$ 230	\$ 82	\$ 41	\$ 21	8.53	6.60	15.13	\$ 33
11	Valves*		Hampton	349	5.00%	Other T&D Plant	9/30/2013	10/31/2013	\$ 6,351	\$ 2,265	\$ -	\$ -	\$ 113	\$ 57	15.80	6.60	22.40	\$ 49
12	Valves*		North Hampton	349	5.00%	Other T&D Plant	9/30/2013	10/31/2013	\$ 8,133	\$ 2,901	\$ -	\$ -	\$ 145	\$ 73	14.26	6.60	20.86	\$ 59
2014 Projects																		
14	Production Meters		Hampton	328	4.40%	Other Pumping	9/30/2014	10/31/2014	\$ 3,044	\$ 3,044	\$ 264	\$ 264	\$ 122	\$ 61	15.80	6.60	22.40	\$ 62
15	Well 9 Transmission Main		Hampton	343	1.20%	Main Replacement	9/30/2014	10/31/2014	\$ 57,506	\$ 57,506	\$ 3,160	\$ 3,160	\$ 652	\$ 326	15.80	6.60	22.40	\$ 1,217
16	Ocean Boulevard- Dumas Ave to Winnacunnet Rd		Hampton	343	1.20%	Main Replacement	9/30/2014	10/31/2014	\$ 536,096	\$ 536,096	\$ 6,801	\$ 6,801	\$ 6,352	\$ 3,176	15.80	6.60	22.40	\$ 11,856
2015 Projects																		
19	Great Boars Head - Cliff Circle to Ocean Blvd		Hampton	343	1.20%	Main Replacement	9/30/2015	10/31/2015	\$169,733	\$ 169,733	\$551	\$ 551	\$ 2,030	\$ 1,015	15.80	6.60	22.40	\$ 2,825
20	Kings Hwy - 11th, 13th, 14th & 15th St		Hampton	343	1.20%	Main Replacement	9/30/2015	10/31/2015	\$397,822	\$ 397,822	\$11,912	\$ 11,912	\$ 4,631	\$ 2,315	15.80	6.60	22.40	\$ 6,444
21	Ross Avenue		Hampton	343	1.20%	Main Replacement	9/30/2015	10/31/2015	\$178,087	\$ 178,087	\$2,637	\$ 2,637	\$ 2,105	\$ 1,053	15.80	6.60	22.40	\$ 2,930
2016 Projects																		
24	Production Meters		Hampton	328	4.40%	Other Pumping	9/30/2016	10/31/2016	\$ 7,000	\$ 7,000	\$606	\$ 606	\$ 281	\$ 141	15.80	6.60	22.40	\$ 143
25	Lafayette Rd: H068 to Park Ave (south)		Hampton	343	1.20%	Main Replacement	9/30/2016	10/31/2016	\$ 121,000	\$ 121,000	\$1,792	\$ 1,792	\$ 1,430	\$ 715	15.80	6.60	22.40	\$ 1,991
26	Lafayette Rd: H068 to Park Ave (north)		Hampton	343	1.20%	Main Replacement	9/30/2016	10/31/2016	\$ 84,000	\$ 84,000	\$1,244	\$ 1,244	\$ 993	\$ 497	15.80	6.60	22.40	\$ 1,382
27	Lafayette Rd: Park Ave (north) to Stickney Terr		Hampton	343	1.20%	Main Replacement	9/30/2016	10/31/2016	\$ 72,000	\$ 72,000	\$1,066	\$ 1,066	\$ 851	\$ 426	15.80	6.60	22.40	\$ 1,185
28	Lafayette Rd: Stickney Terr to Winnacunnet Rd		Hampton	343	1.20%	Main Replacement	9/30/2016	10/31/2016	\$ 245,000	\$ 245,000	\$3,628	\$ 3,628	\$ 2,896	\$ 1,448	15.80	6.60	22.40	\$ 4,031
29	Manchester St: off Ashworth Ave		Hampton	343	1.20%	Main Replacement	9/30/2016	10/31/2016	\$ 136,000	\$ 136,000	\$2,014	\$ 2,014	\$ 1,608	\$ 804	15.80	6.60	22.40	\$ 2,237
30	North Shore Rd: Cusack Rd to Quinlan Ln		Hampton	343	1.20%	Main Replacement	9/30/2016	10/31/2016	\$ 271,000	\$ 271,000	\$4,013	\$ 4,013	\$ 3,204	\$ 1,602	15.80	6.60	22.40	\$ 4,458
31	Sunsurf Ave: off Cliff Ave		Hampton	343	1.20%	Main Replacement	9/30/2016	10/31/2016	\$ 108,000	\$ 108,000	\$1,599	\$ 1,599	\$ 1,277	\$ 638	15.80	6.60	22.40	\$ 1,777
2017 Projects																		
34	Production Meters		Hampton	328	4.40%	Other Pumping	9/30/2017	10/31/2017	\$ 7,000	\$ 7,000	\$606	\$ 606	\$ 281	\$ 141	15.80	6.60	22.40	\$ 143
35	High Street: east of Mill Pond Lane		Hampton	343	1.20%	Main Replacement	9/30/2017	10/31/2017	\$ 332,000	\$ 332,000	\$4,916	\$ 4,916	\$ 3,925	\$ 1,963	15.80	6.60	22.40	\$ 5,462
36	Park Ave: Landing Rd to V 1000 7408		Hampton	343	1.20%	Main Replacement	9/30/2017	10/31/2017	\$ 141,000	\$ 141,000	\$2,088	\$ 2,088	\$ 1,667	\$ 833	15.80	6.60	22.40	\$ 2,320
37	Shop Road: transmission main		North Hampton	343	1.20%	Main Replacement	9/30/2017	10/31/2017	\$ 503,000	\$ 503,000	\$7,448	\$ 7,448	\$ 5,947	\$ 2,973	14.54	6.60	21.14	\$ 7,810
38																		
TOTALS									\$ 4,153,339	\$ 4,103,339	\$ 85,139	\$ 82,102	\$ 49,480	\$ 24,740				\$ 74,010
									to 2018 1,	to 2018 1,	to 2018 1,				to 2018 1,			
									Ln 2	Ln 28	Ln 4				Ln 30			

*Total capital costs are reduced by \$50,000 proportionately per Order No. 25,539. Retirements are also proportionately reduced.

** Type of Project (designations will be given for various types of projects)

***Property Tax Expense is for nine months for the 2014 proposed surcharge projects.

Aquarion Water Company of New Hampshire
2019 Annual WICA Surcharge Filing (2015 Estimate)

**WATER INFRASTRUCTURE AND CONSERVATION ADJUSTMENT
CALCULATION OF SURCHARGE**

Line					<u>Schedule Ref.</u>	
1						
2	Total Investment through 09/30/2014				2016 3 Col 6b Ln 26	\$ 5,078,339
3						
4	Accumulated Depreciation				2016 3 Col 8a Ln 26	(30,603)
5						
6	Net Investment				Ln 2 + Ln 4	<u>\$ 5,047,736</u>
7						
8	Allowed Return on Rate Base				2016 2 Col 10	<u>7.49%</u>
9						
10	Allowed Return on Investment				Ln 6 x Ln 8	\$ 378,075
11						
12	Income Tax on Equity Component					
13						
14		(a)	(b)	(c)	(d)	
15		Weighted	Tax	Pre tax	Tax Gross Up	
16		Cost	Multiplier	Cost	Col (c) - Col (a)	
17						
18	Debt	3.58%	1.00	3.58%	0.00%	
19	Equity	<u>3.91%</u>	1.68	<u>6.57%</u>	<u>2.66%</u>	
20						
21		7.49%		10.15%	2.66%	
22						
23	Total Eligible Investment (Line 6 above)					\$ 5,047,736
24						
25						
26	Income Tax Expense				Ln 21 Col D X Ln 23	134,270
27						
28	Depreciation Expense				2016 3 Col 8 Ln 26	61,206
29						
30	Property Tax Expense				2016 3 Col 10 Ln 26	90,079
31						
32	Adjustment: Annual Revenues Allowed				Lines 10 + 26 + 28 + 30	<u>\$ 663,629</u>
33						
34						
35	Base Revenues on which Adjustment will be applied					
36	Revenues allowed DW 12-085					\$ 7,129,043
37	Misc. Charges not subject to WICA					<u>(189,059)</u>
38						<u>\$ 6,939,984</u>
39						
40	Surcharge Percent (Line 32 divided by Line 38)					9.5624%

**Aquarion Water Company of New Hampshire
2019 Annual WICA Surcharge Filing (2015 Estimate)**

**WATER INFRASTRUCTURE & CONSERVATION ADJUSTMENT
COMPLETED PROJECTS**

Line	Project Name or Class Category	1 Estimated Completion Date**	2 Actual Completion Date	3 Estimated Project Cost**	4 Actual Project Cost	5 Accumulated Depreciation	6 Project Cost minus Accumulated Depreciation	7 Depreciation Expense	8 Property Tax Expense	9 Income Tax Expense	10 Rate of Return	11 Annual Retail Revenues	12 = ((4-5) x 10) + 7 + 8 + 9 WICA Adjustment Dollars
1	2013 Projects												
2	Production Meters	30-Sep-13	30-Sep-13	\$ 18,030	\$ 16,466	\$ 244	\$ 16,222	\$ 488	\$ 237	\$ 431	7.49%	\$ 7,129,043	2,372
3	Main Replacements	30-Sep-13	30-Sep-13	\$ -	\$ 689,856	\$ 4,027	\$ 685,829	\$ 8,054	\$ 14,944	\$ 18,243	7.49%	\$ 7,129,043	92,609
4	Hydrants*	30-Sep-13	30-Sep-13	\$ 32,700	\$ 8,147	\$ 87	\$ 8,060	\$ 174	\$ 161	\$ 214	7.49%	\$ 7,129,043	1,153
5	Services*	30-Sep-13	30-Sep-13	\$ 80,600	\$ 14,414	\$ 126	\$ 14,288	\$ 252	\$ 286	\$ 380	7.49%	\$ 7,129,043	1,988
6	Valves*	30-Sep-13	30-Sep-13	\$ 10,800	\$ 5,167	\$ 129	\$ 5,038	\$ 258	\$ 108	\$ 134	7.49%	\$ 7,129,043	878
7	2014 Projects												
8	Production Meters	30-Sep-14	30-Sep-14	\$ 1,600	\$ 3,044	\$ 61	\$ 2,983	\$ 122	\$ 62	\$ 79	7.49%	\$ 7,129,043	487
9	Main Replacements	30-Sep-14	30-Sep-14	\$ 937,968	\$ 593,603	\$ 3,502	\$ 590,101	\$ 7,004	\$ 13,074	\$ 15,697	7.49%	\$ 7,129,043	79,972
10	2015 Projects												
11	Main Replacements	30-Sep-15	30-Sep-15	\$ 745,643	\$ 745,643	\$ 4,383	\$ 741,259	\$ 8,767	\$ 12,199	\$ 19,717	7.49%	\$ 7,129,043	96,204
12	2016 Projects												
13	Production Meters	30-Sep-16	30-Sep-16	\$ 1,600	\$ 7,000	\$ 141	\$ 6,859	\$ 281	\$ 143	\$ 182	7.49%	\$ 7,129,043	1,121
14	Main Replacements	30-Sep-16	30-Sep-16	\$ 1,037,000	\$ 1,037,000	\$ 6,130	\$ 1,030,870	\$ 12,260	\$ 17,061	\$ 27,421	7.49%	\$ 7,129,043	133,954
15	2017 Projects												
16	Production Meters	30-Sep-17	30-Sep-17	\$ 1,600	\$ 7,000	\$ 141	\$ 6,859	\$ 281	\$ 143	\$ 182	7.49%	\$ 7,129,043	1,121
17	Main Replacements	30-Sep-17	30-Sep-17	\$ 976,000	\$ 976,000	\$ 5,769	\$ 970,231	\$ 11,539	\$ 15,592	\$ 25,808	7.49%	\$ 7,129,043	125,609
18	2018 Projects												
19	Production Meters	30-Sep-18	30-Sep-16	\$ 1,600	\$ 7,000	\$ 141	\$ 6,859	\$ 281	\$ 143	\$ 182	7.49%	\$ 7,129,043	1,121
20	Main Replacements	30-Sep-18	30-Sep-16	\$ 968,000	\$ 968,000	\$ 5,722	\$ 962,278	\$ 11,444	\$ 15,925	\$ 25,597	7.49%	\$ 7,129,043	125,041
21													
22	TOTALS			<u>\$ 4,813,141</u>	<u>\$ 5,078,339</u>	<u>\$ 30,603</u>	<u>\$ 5,047,736</u>	<u>\$ 61,206</u>	<u>\$ 90,079</u>	<u>\$ 134,270</u>			<u>\$ 537,468</u>
23													

* Emergency Replacement
** Per Docket Filing DW 13-314

**Aquarion Water Company of New Hampshire
2019 Annual WICA Surcharge Filing (2015 Estimate)**

**WATER INFRASTRUCTURE AND CONSERVATION ADJUSTMENT
ELIGIBLE PROJECTS PLACED IN SERVICE**

Line	Description of Project	Street	Town	1 PUC Acct	2 Depr Rate	3 Type of Project**	4 Date in Service	5 Date of 1st Filing	6a Total Capital Costs	6b Eligible Capital Costs	7a Total Retirements	7b Eligible Retirements	8 = (6b - 7b) x 2 Depreciation Expense	8a = 8 x 50% Accumulated Depreciation	9 Mil Rates			10 = (((6b-7b-8a)/1000) x 9) Prop. Tax Expense***		
															Town	State	Total			
2013 Projects																				
1	Production Meters		Rye	328	4.40%	Other Pumping	9/30/2013	10/31/2013	\$ 3,432	\$ 3,432	\$ 3,033	\$ 3,033	\$ 18	\$ 9	8.53	6.60	15.13	\$ 6		
2	Production Meters		North Hampton	328	4.40%	Other Pumping	9/30/2013	10/31/2013	\$ 4,511	\$ 4,511	\$ 2,331	\$ 2,331	\$ 96	\$ 48	14.26	6.60	20.86	\$ 44		
3	Production Meters		Hampton	328	4.40%	Other Pumping	9/30/2013	10/31/2013	\$ 8,522	\$ 8,522	\$ -	\$ -	\$ 375	\$ 187	15.80	6.60	22.40	\$ 187		
4	Church Street-Highland Avenue to Williams Street		Hampton	343	1.20%	Main Replacement	9/30/2013	10/31/2013	\$ 133,335	\$ 133,335	\$ 6,243	\$ 6,243	\$ 1,525	\$ 763	15.80	6.60	22.40	\$ 2,830		
5	Auburn Avenue		Hampton	343	1.20%	Main Replacement	9/30/2013	10/31/2013	\$ 206,750	\$ 206,750	\$ 10,346	\$ 10,346	\$ 2,357	\$ 1,178	15.80	6.60	22.40	\$ 4,373		
6	Auburn Avenue Extension		Hampton	343	1.20%	Main Replacement	9/30/2013	10/31/2013	\$ 85,554	\$ 85,554	\$ 359	\$ 359	\$ 1,022	\$ 511	15.80	6.60	22.40	\$ 1,897		
7	Perkins Avenue		Hampton	343	1.20%	Main Replacement	9/30/2013	10/31/2013	\$ 264,216	\$ 264,216	\$ 1,760	\$ 1,760	\$ 3,149	\$ 1,575	15.80	6.60	22.40	\$ 5,844		
8	Hydrants*		Hampton	348	2.40%	Hydrants	9/30/2013	10/31/2013	\$ 22,839	\$ 8,147	\$ 2,498	\$ 891	\$ 174	\$ 87	15.80	6.60	22.40	\$ 161		
9	Services*		Hampton	345	1.85%	Services	9/30/2013	10/31/2013	\$ 33,941	\$ 12,108	\$ 1,994	\$ 711	\$ 211	\$ 105	15.80	6.60	22.40	\$ 253		
10	Services*		Rye	345	1.85%	Services	9/30/2013	10/31/2013	\$ 6,464	\$ 2,306	\$ 230	\$ 82	\$ 41	\$ 21	8.53	6.60	15.13	\$ 33		
11	Valves*		Hampton	349	5.00%	Other T&D Plant	9/30/2013	10/31/2013	\$ 6,351	\$ 2,265	\$ -	\$ -	\$ 113	\$ 57	15.80	6.60	22.40	\$ 49		
12	Valves*		North Hampton	349	5.00%	Other T&D Plant	9/30/2013	10/31/2013	\$ 8,133	\$ 2,901	\$ -	\$ -	\$ 145	\$ 73	14.26	6.60	20.86	\$ 59		
2014 Projects																				
14	Production Meters		Hampton	328	4.40%	Other Pumping	9/30/2014	10/31/2014	\$ 3,044	\$ 3,044	\$ 264	\$ 264	\$ 122	\$ 61	15.80	6.60	22.40	\$ 62		
15	Well 9 Transmission Main		Hampton	343	1.20%	Main Replacement	9/30/2014	10/31/2014	\$ 57,506	\$ 57,506	\$ 3,160	\$ 3,160	\$ 652	\$ 326	15.80	6.60	22.40	\$ 1,217		
16	Ocean Boulevard- Dumas Ave to Winnacunnet Rd		Hampton	343	1.20%	Main Replacement	9/30/2014	10/31/2014	\$ 536,096	\$ 536,096	\$ 6,801	\$ 6,801	\$ 6,352	\$ 3,176	15.80	6.60	22.40	\$ 11,856		
2015 Projects																				
19	Great Boars Head - Cliff Circle to Ocean Blvd		Hampton	343	1.20%	Main Replacement	9/30/2015	10/31/2015	\$ 169,733	\$ 169,733	\$ 551	\$ 551	\$ 2,030	\$ 1,015	15.80	6.60	22.40	\$ 2,825		
20	Kings Hwy - 11th, 13th, 14th & 15th St		Hampton	343	1.20%	Main Replacement	9/30/2015	10/31/2015	\$ 397,822	\$ 397,822	\$ 11,912	\$ 11,912	\$ 4,631	\$ 2,315	15.80	6.60	22.40	\$ 6,444		
21	Ross Avenue		Hampton	343	1.20%	Main Replacement	9/30/2015	10/31/2015	\$ 178,087	\$ 178,087	\$ 2,637	\$ 2,637	\$ 2,105	\$ 1,053	15.80	6.60	22.40	\$ 2,930		
2016 Projects																				
24	Production Meters		Hampton	328	4.40%	Other Pumping	9/30/2016	10/31/2016	\$ 7,000	\$ 7,000	\$ 606	\$ 606	\$ 281	\$ 141	15.80	6.60	22.40	\$ 143		
25	Lafayette Rd: H068 to Park Ave (south)		Hampton	343	1.20%	Main Replacement	9/30/2016	10/31/2016	\$ 121,000	\$ 121,000	\$ 1,792	\$ 1,792	\$ 1,430	\$ 715	15.80	6.60	22.40	\$ 1,991		
26	Lafayette Rd: H068 to Park Ave (north)		Hampton	343	1.20%	Main Replacement	9/30/2016	10/31/2016	\$ 84,000	\$ 84,000	\$ 1,244	\$ 1,244	\$ 993	\$ 497	15.80	6.60	22.40	\$ 1,382		
27	Lafayette Rd: Park Ave (north) to Stickney Terr		Hampton	343	1.20%	Main Replacement	9/30/2016	10/31/2016	\$ 72,000	\$ 72,000	\$ 1,066	\$ 1,066	\$ 851	\$ 426	15.80	6.60	22.40	\$ 1,185		
28	Lafayette Rd: Stickney Terr to Winnacunnet Rd		Hampton	343	1.20%	Main Replacement	9/30/2016	10/31/2016	\$ 245,000	\$ 245,000	\$ 3,628	\$ 3,628	\$ 2,896	\$ 1,448	15.80	6.60	22.40	\$ 4,031		
29	Manchester St: off Ashworth Ave		Hampton	343	1.20%	Main Replacement	9/30/2016	10/31/2016	\$ 136,000	\$ 136,000	\$ 2,014	\$ 2,014	\$ 1,608	\$ 804	15.80	6.60	22.40	\$ 2,237		
30	North Shore Rd: Cusack Rd to Quinlan Ln		Hampton	343	1.20%	Main Replacement	9/30/2016	10/31/2016	\$ 271,000	\$ 271,000	\$ 4,013	\$ 4,013	\$ 3,204	\$ 1,602	15.80	6.60	22.40	\$ 4,458		
31	Sunsurf Ave: off Cliff Ave		Hampton	343	1.20%	Main Replacement	9/30/2016	10/31/2016	\$ 108,000	\$ 108,000	\$ 1,599	\$ 1,599	\$ 1,277	\$ 638	15.80	6.60	22.40	\$ 1,777		
2017 Projects																				
34	Production Meters		Hampton	328	4.40%	Other Pumping	9/30/2017	10/31/2017	\$ 7,000	\$ 7,000	\$ 606	\$ 606	\$ 281	\$ 141	15.80	6.60	22.40	\$ 143		
35	High Street: east of Mill Pond Lane		Hampton	343	1.20%	Main Replacement	9/30/2017	10/31/2017	\$ 332,000	\$ 332,000	\$ 4,916	\$ 4,916	\$ 3,925	\$ 1,963	15.80	6.60	22.40	\$ 5,462		
36	Park Ave: Landing Rd to V 1000 7408		Hampton	343	1.20%	Main Replacement	9/30/2017	10/31/2017	\$ 141,000	\$ 141,000	\$ 2,088	\$ 2,088	\$ 1,667	\$ 833	15.80	6.60	22.40	\$ 2,320		
37	Shop Road: transmission main		North Hampton	343	1.20%	Main Replacement	9/30/2017	10/31/2017	\$ 503,000	\$ 503,000	\$ 7,448	\$ 7,448	\$ 5,947	\$ 2,973	14.54	6.60	21.14	\$ 7,810		
2017 Projects																				
40	Production Meters		Hampton	328	4.40%	Other Pumping	9/30/2018	10/31/2018	\$ 7,000	\$ 7,000	\$ 606	\$ 606	\$ 281	\$ 141	15.80	6.60	22.40	\$ 143		
41	King's Hwy: 6th St - 8th St		Hampton	343	1.20%	Main Replacement	9/30/2018	10/31/2018	\$ 166,000	\$ 166,000	\$ 2,458	\$ 2,458	\$ 1,963	\$ 981	15.80	6.60	22.40	\$ 2,731		
42	King's Hwy: 8th St - 11th St		Hampton	343	1.20%	Main Replacement	9/30/2018	10/31/2018	\$ 241,000	\$ 241,000	\$ 3,569	\$ 3,569	\$ 2,849	\$ 1,425	15.80	6.60	22.40	\$ 3,965		
43	King's Hwy: Gill St - 1st St		Hampton	343	1.20%	Main Replacement	9/30/2018	10/31/2018	\$ 117,000	\$ 117,000	\$ 1,732	\$ 1,732	\$ 1,383	\$ 692	15.80	6.60	22.40	\$ 1,925		
44	King's Hwy: Gill St - Redman St		Hampton	343	1.20%	Main Replacement	9/30/2018	10/31/2018	\$ 97,000	\$ 97,000	\$ 1,436	\$ 1,436	\$ 1,147	\$ 573	15.80	6.60	22.40	\$ 1,596		
45	King's Hwy: Redcoat Ln - 30 Kings condos		Hampton	343	1.20%	Main Replacement	9/30/2018	10/31/2018	\$ 137,000	\$ 137,000	\$ 2,029	\$ 2,029	\$ 1,620	\$ 810	15.80	6.60	22.40	\$ 2,254		
46	6th, 7th, 8th, 9th & 10th Streets		Hampton	343	1.20%	Main Replacement	9/30/2018	10/31/2018	\$ 210,000	\$ 210,000	\$ 3,110	\$ 3,110	\$ 2,483	\$ 1,241	15.80	6.60	22.40	\$ 3,455		
47																				
48																				
TOTALS									\$ 5,128,339	\$ 5,078,339	\$ 100,079	\$ 97,041	\$ 61,206	\$ 30,603				\$ 90,079		
									to 2018 1,			to 2018 1,			to 2018 1,			to 2018 1,		
									Ln 2			Ln 28			Ln 4			Ln 30		

*Total capital costs are reduced by \$50,000 proportionately per Order No. 25,539. Retirements are also proportionately reduced.
 ** Type of Project (designations will be given for various types of projects)
 ***Property Tax Expense is for nine months for the 2014 proposed surcharge projects.