BEFORE THE NEW HAMPSHIRE PUBLIC UTILITIES COMMISSION

Aquarion Water Company of New Hampshire

Petition for Franchise Expansion

Docket No. DW 21 – 093

TESTIMONY OF TIMOTHY HARNED CO-CHAIR NORTH HAMPTON WATER COMMISSION

January 31, 2022

I. BACKGROUND

- 2 Q. What is your name and address?
- 3 A: Timothy J Harned, 66 Lovering Rd, North Hampton NH
- 4 Q. What is your involvement with the Town of North Hampton?
- 5 A: I am an elected member and secretary of the North Hampton Water Commission.
- I am also an elected member and chair of the North Hampton Planning Board.
- 7 Q. What is the purpose of your testimony?
- The purpose of my testimony is to explain that Aquarion's proposed expansion of 8 A: 9 the Wiggin Way System does not take into account the substantial payments made by the Towns of Hampton and North Hampton to maintain adequate supply for 10 fire protection. As proposed, Wiggin Way customers will receive the benefits of 11 fire protection but pay no fire protection charges which represents approximately 12 18.70% of its water revenues. This is unfair to residents in North Hampton, many 13 of whom pay for the costs of fire protection in the tax bills but have no water 14 service and do not benefit from Aquarion's fire protection service. It is my 15 recommendation that a surcharge be included so that water service customers pay 16 17 a rate that reasonably reflects the costs of the water service and fire protection service they receive. In the absence of such a surcharge, fire protection 18 19 customers in North Hampton, Hampton and Rye are paying an unfair, unjust and 20 unlawful rate under RSA 378:10.
- 21 II. COSTS FOR FIRE PROTECTION.
- Q. What are the costs for fire protection service paid by the Towns of North
- 23 **Hampton and Hampton?**

A. Aquarion's Annual Report for the year ending December 31, 2019, Form F-47
and Form S-1 (Revenue by Rates) show that, in 2019, Aquarion's fire protection
customers paid a total of \$1,314,725 which represents 18.70% of Aquarion's total
water revenues of \$7,032,417.1 This figure include revenue for both private and
public fire protection as Aquarion's Annual Report does not appear to provide
separate costs for private and public fire protection service.

A.

Aquarion's public fire protection rates are significant. In Docket No. DW 19 – 065, Hampton provided the Commission with its semi-annual bill for public fire protection services dated January 3, 2019 for \$254,385.64 which represents a total of \$508,771.28 for the full year in 2019. In North Hampton, Aquarion billed the Town approximately \$277,681 for its 150 fire hydrants, i.e. \$1,851.21 per hydrant per year. Hampton and North Hampton a total of approximately \$786,452 for fire protection service in 2019.

Q. How will Aquarion's public fire protection charges change as proposed in its rate case?

According to Aquarion's proposed cost-of-service Schedules submitted in Aquarion's pending rate case in Docket DW 20 – 184, public fire protection customers (Hampton, North Hampton and Rye) paid a total of \$849,320 in public fire protection charges.² Aquarion's schedules show a increase public fire protection charges by some 33.3% to a total of \$1,131,877 per year,³ with North

¹ See Attachment #1.

² See Attachment #2 which is Schedule 17 to the Testimony of John F. Guastella.

³ Attachment #2.

1		Hampton's public fire protection charges increasing to \$340,706 per year and
2		Hampton's public fire protection charges increasing to \$640,254 per year. ⁴ These
3		charges directly and substantially impact the financial interests of the Town of
4		North Hampton and its residents.
5	Q.	How are fire protection costs paid by the Towns of Hampton and North
6		Hampton?
7	A:	North Hampton's (and Hampton's) public fire protection charges are passed
8		through to customers as a general expense to all property owners in the Town's
9		tax bills. North Hampton had 1,588 water service customers as of December 31,
10		2019,5 which results in fire protection charges of \$166.30 (\$259,321 / 1,588) for
11		each water service customer. The proposed increase in Docket DW 20 – 184, if
12		approved, would result in fire protection charges of \$214.55 (\$340,706 / 1588) for
13		each water service customer.
14		
15		This means that Aquarion's costs of public fire protection are paid by all property
16		owners, even those who do not have water service. Attachment #3 includes a map
17		showing the location of Aquarion's hydrants in North Hampton, as well as plans
18		showing the locations of water service mains in North Hampton and the Wiggin
19		Way system. As Attachment #3 shows, there are substantial areas in North
20		Hampton do not have water service or access to public fire hydrants. However,

these property owners are forced to subsidize the cost of Aquarion's fire

4

protection service even though they receive little or no benefit.

21

⁴ Attachment #2.

⁵ See Annual Report, Form A-6.

1		There is also a hidden cost in the tax rate because North Hampton pays for the
2		costs of its fire departments to remove snow from Aquarion's hydrants because
3		Aquarion does not do so. These costs are significant North Hampton does not
4		have extra staff to perform this function. Its firefighters are required to perform
5		this function at a high labor cost. In recent years, I understand that one fire fighter
6		was temporarily injured during snow removal. The financial impacts of forcing
7		North Hampton to conduct snow removal to make fire protection service available
8		are not insignificant.
9		
10		The result is that residents in North Hampton (and Hampton) who have no water
11		service are none-the-less paying significant costs for public fire protection
12		service, both the direct fire protection charges billed by Aquarion to the Towns
13		and the indirect costs of snow removal.
14	Q.	How does fire protection service benefit residents who do not have access to
15		hydrants?
16	A.	The benefit is a limited one for residents who do not have access to hydrants. In
17		fact, North Hampton posed this very question in a Data Request to Aquarion and
18		received the following response:
19 20 21 22 23		REQUEST: Fire Protection Benefits. Reference the attached plan showing hydrant locations in North Hampton. Does Aquarion agree that the Wiggin Way customers benefit from public fire protection rates paid by Hampton and North Hampton based on the attached map which shows that Aquarion fire hydrants are located immediately adjacent to the Wiggin Way system?
2425262728		RESPONSE: Initially, it is unclear to Aquarion how Wiggin Way customers would benefit from "public fire protection rates paid by Hampton and North Hampton." To the extent the question is seeking to know whether Wiggin Way's customers would benefit from use of the hydrants themselves, the interconnection

to the Wiggin Way Water System will not provide fire protection for the customers within Wiggin Way. The Company can not comment on the benefit to Wiggin Way related to fire protection.

Aquarion statement that it "can not comment on the benefit to Wiggin Way related to fire protection" is evasive and non-responsive to the question. I have visited the Wiggin Way system with North Hampton Fire Chief Lajoie and there clearly are significant fire protection benefits being paid for by the towns of North Hampton, Hampton and Rye. It is unfair, unjust and unreasonable that residents in North Hampton are being forced to pay for the costs for a fire protection service without water service, while the expansion of Aquarion's system into Wiggin Way increases demand on the system and thereby reduces the fire fighting capacity paid for by North Hampton and Hampton, without paying any amount for the fire protection benefits these customers are actually receiving.

III. CONCLUSION

O. How should these issues be resolved?

A. Based on Aquarion's 2019 Annual Report, fire protection charges represent 18.70% of water revenues. I also note that these charges are proposed to increase significantly in Aquarion's pending rate case in Docket No. DW 20 – 184 and the cost-of-service allocation to fire protection charges to be approved is not known. However, it would seem reasonable to condition approval of the franchise expansion based on a condition or surcharge that Wiggin Way customers pay a surcharge which reflects the cost of the fire protection benefits they receive and/or the costs being paid by North Hampton, Hampton and other fire protection customers to maintain fire protection in the system.

1 Q. Are there any other alternatives?

2 A. Yes. One approach based on Aquarion's Response to Data Request 1-8 would be to recognize that North Hampton customers who do not have access to water 3 service should not be forced to pay for the costs of a service they do not receive. 4 5 This suggests that an appropriate solution would be to consider eliminating public fire protection charges entirely and roll the costs of fire protection into the rates 6 for water service. This would have a beneficial impact on water conservation by 7 shifting the costs to maintain capacity in the system to customers who use the 8 9 most water and place the most demand on the system.

10 Q. Does this conclude your testimony?

11 A. Yes.

Annual Report of Aquarion Water Company of New Hampshire

Year ended December 31, 2019

Class A or B Utility

ANY SUBSEQUENT CHANGES SHOULD BE REPORTED TO THIS COMMISSION INFORMATION SHEET 2019 S-1 REVENUE BY RATES

- 1. Report below, for each rate schedule in effect during the year, the thousand gallons sold, revenue, average number of customers, average thousand gallons of sales per customer, and average revenue per thousand gallons sold.
- 2. Provide a subheading and total for each prescribed operating revenue account in the sequence followed in schedule F-47 "Water Operating Revenues". If the sales under any rate schedule are classified in more than one revenue account, list the rate schedule and sales data under each applicable revenue account subheading.
- 3. Where the same customers are served under more than one rate schedule in the same revenue account classification, the entries in column (d) for the special schedule should denote the duplication in number of reported customers.
- 4. Number of customers should be reported on the basis of number of meters, plus number of flate rate amounts, except that where separate meter readings are added for billing purposes, one customer shall be counted for each group of meters added. The average number of customers means the average of the twelve figures at the close of each month.

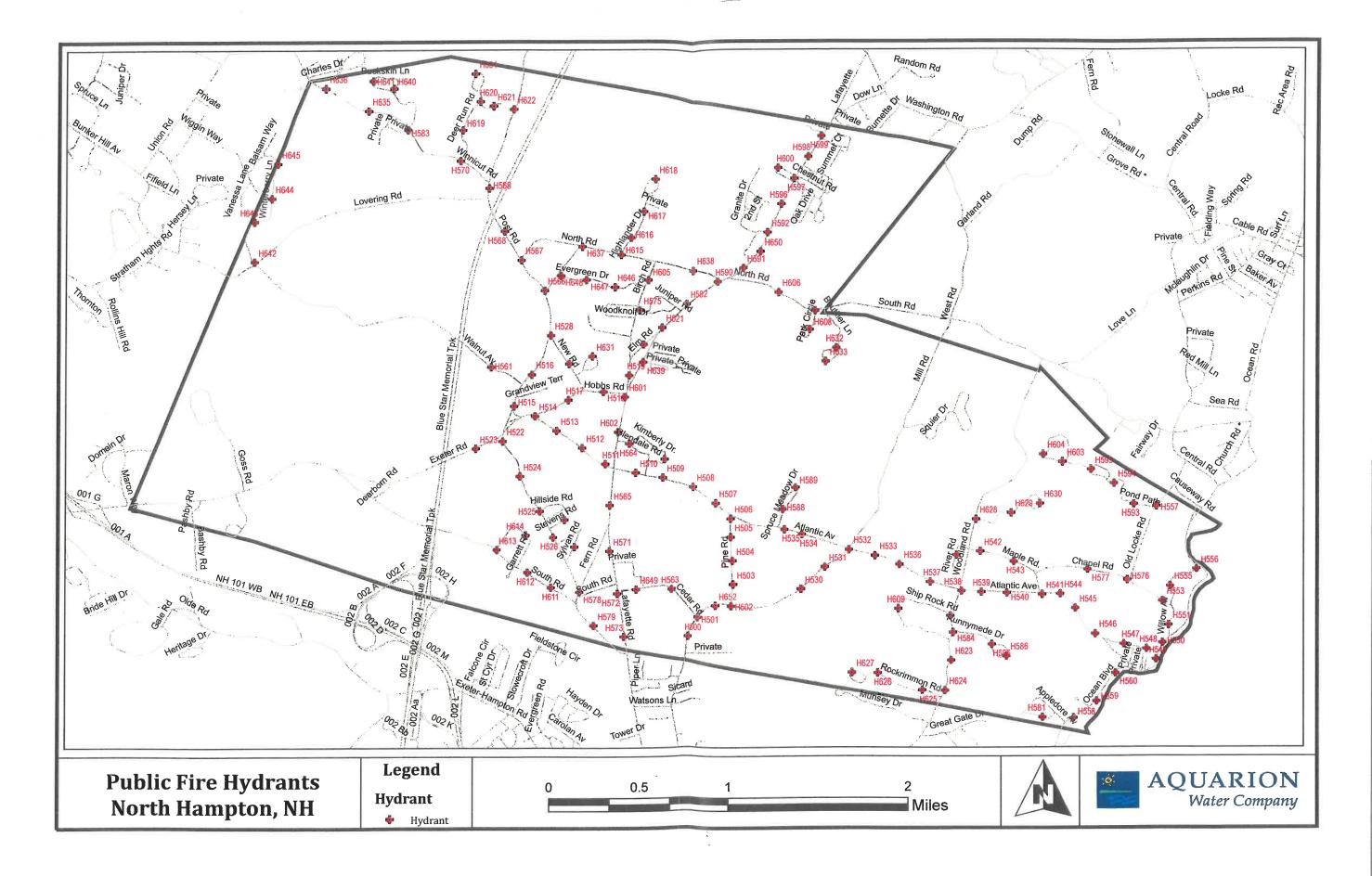
		Thousand		Average	Thousand	Revenue per
		Gallons		Number of	Gals. Sales	Thousand
Line	Number and Title of Rate Schedule	Sold	Revenue	Customers	per Customer	Gals. Sold
No.	(a)	(b)	(c)	(d)	(e)	(f)
1						
2						
3	Unmeteter Sales- General		-366			
4	Unmetered Sales - Hydrant Use		9,220			
5						
6	Totals, Account 460 Unmetered Sales to General Customers	-	8,854	0	0	0
7	Residential	409,211	\$4,247,651	8,412	49	10.38
8	Commercial	159,048	\$1,321,123	692	230	8.31
9	Industrial	1,186	\$8,872	5	237	7.48
10	Public Authority	14,155	\$131,192	58	244	9.27
11						
12	Totals, Account 461 Metered Sales to General Customers	583,600	\$5,708,838	9,167	64	9.78
13	Totals, Account 462 Fire Protection Revenue	0	\$1,314,725	374	0	
14	Totals, Account 466 Sales for Resale					
15	Totals, Account 467 Interdepartmental Sales					
	TOTALS(Account 460-467)	583,600	\$7,032,417	9,541	61	12.05

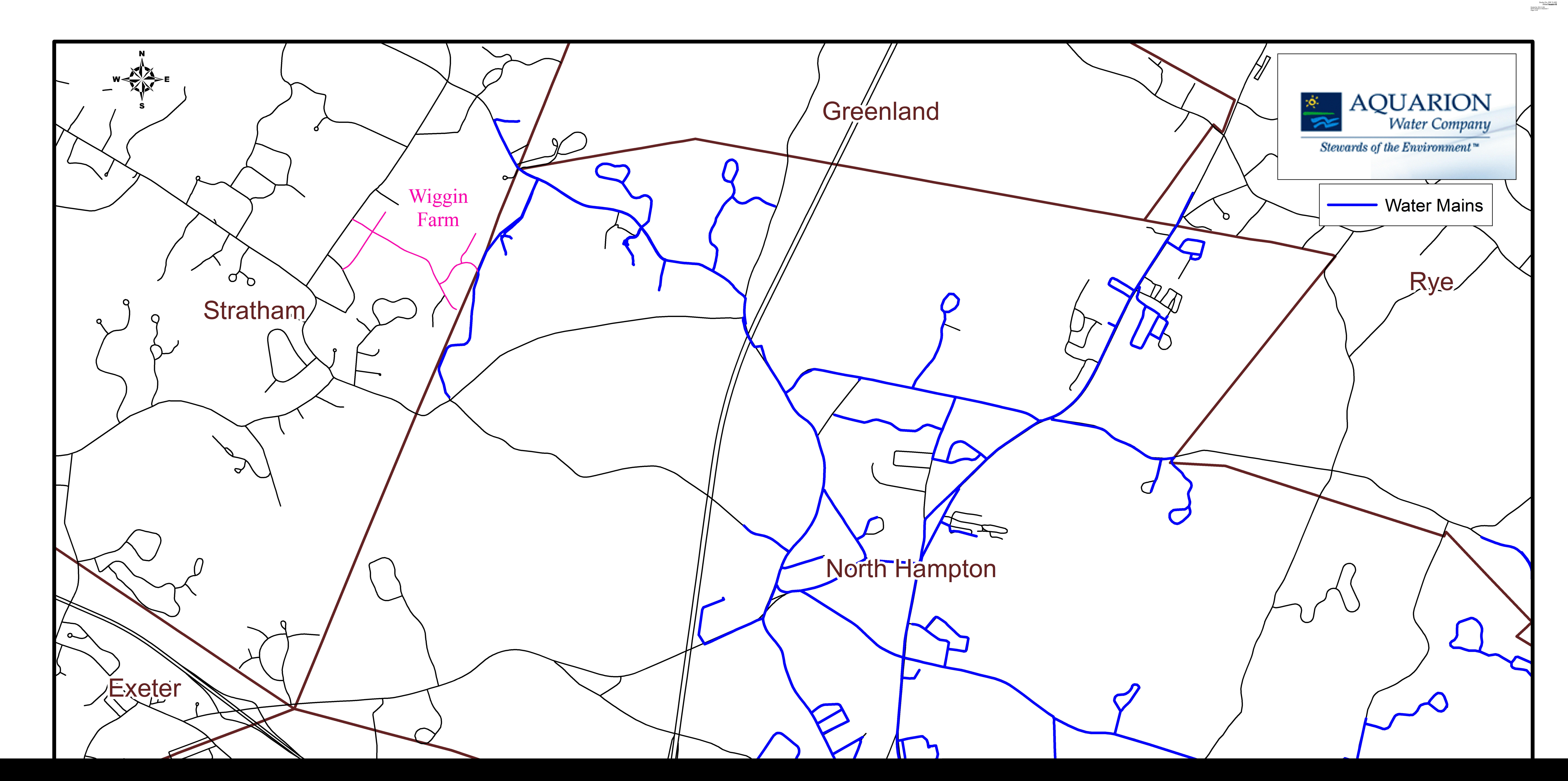
Exhibit JFG-1 Schedule 17 J. F. GUASTELLA

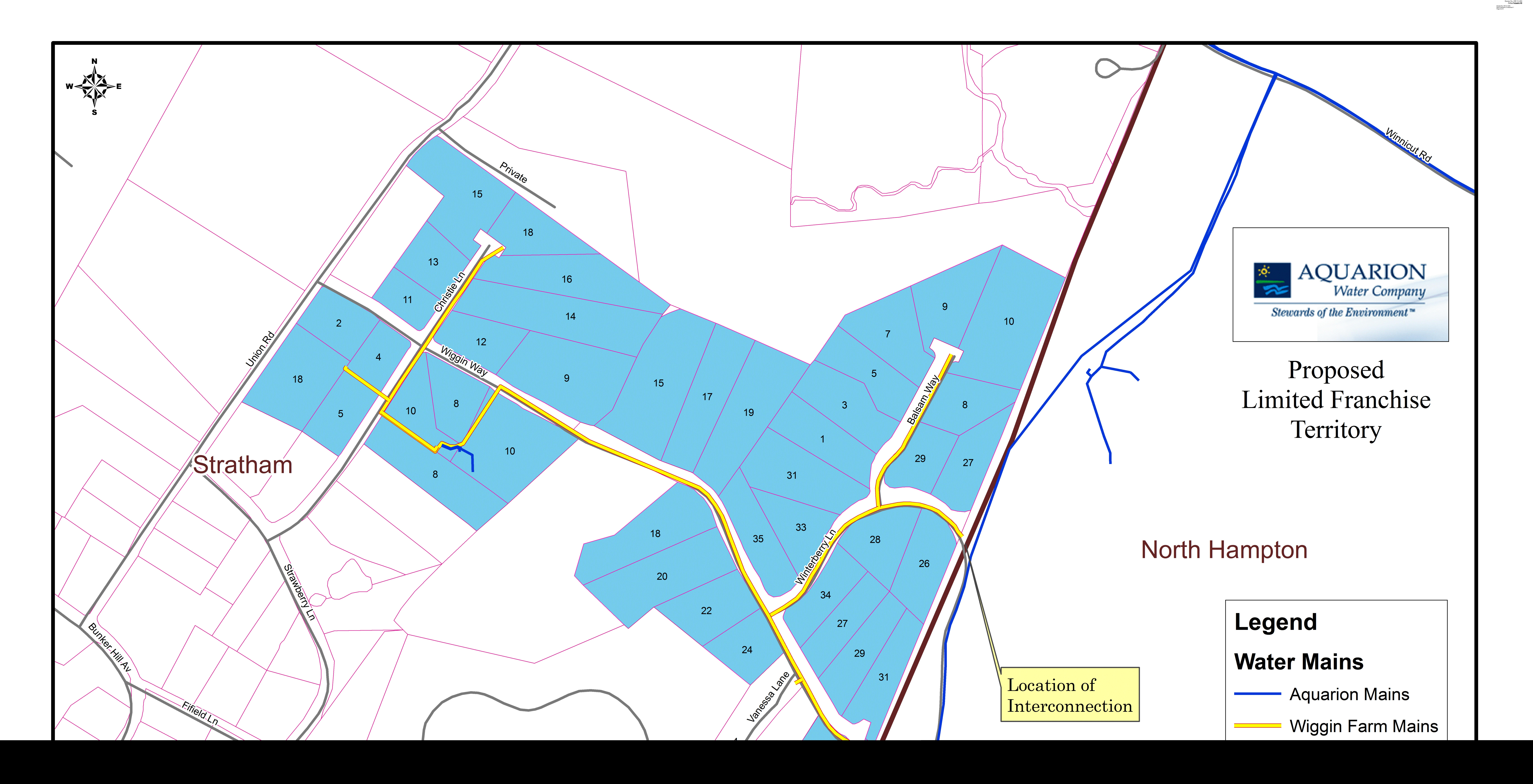
Aquarion Water Company of New Hampshire

COMPARISON OF PRESENT AND PROPOSED RATES AND REVENUES

Description Bills/Usage Release Revenue Rates Revenue Increases Increases Increases Revenue Increases Increases Revenue Increases Increases Revenue Increases Increases Revenue Re					Present		Proposed			ed	Percent	
Monthly			Bills/Usage									
34" -9 \$2.340 \$ \$ \$2.285 \$ 15.5	9	E/0"	02.275	æ	15.60	æ	1 420 400	æ	10 16	æ	1 675 714	16 40
1" 3.099 \$ 39.01 \$ 120.892 \$ 45.41 \$ 140.726 10.4 2" 1662 \$ 124.87 \$ 20.7534 \$ 145.32 \$ 241.522 16.4 2" 1682 \$ 124.87 \$ 20.7534 \$ 145.32 \$ 241.522 16.4 34" -	WOTHIN						1,439,490				1,075,714	
11/2"							120 902				140 726	
Seasonal 5/8" 683 \$224.00 \$169.82 \$272.47 \$186.097 164.67 \$169.822 \$272.47 \$186.097 164.67 \$140.02 \$110.00 \$159.822 \$272.47 \$186.097 164.67 \$110.00 \$110.00 \$159.822 \$272.47 \$186.097 164.67 \$110.00 \$110.00 \$110.00 \$159.822 \$272.47 \$186.097 164.67 \$110.00 \$110.00 \$110.00 \$12.00 \$15.799 \$683.00 \$12.441 167.7 \$12.00 \$12			,				,				,	
Seasonal												
34"		2	1,002	Ф	124.07	Ф	207,534	Ф	145.32	Ф	241,522	10.47
1" 27 585.15 5 15,799 \$ 683.00 \$ 18,441 16.7 11/2" -6 \$ 1,170.75 \$ \$ 1,362.5 \$ 164 2" 6 \$ 1,873.05 \$ 11,238 \$ 2,179.78 \$ 13,079 16.4 Subtotal SC 98,501 \$ 2,013.235 \$ 2,179.78 \$ 13,079 16.4 Subtotal SC 98,501 \$ 2,013.235 \$ 2,179.78 \$ 13,079 16.4 Subtotal SG 5 5 5 5 5 5 5 5 5	Seasonal	5/8"	683	\$	234.00	\$	159,822	\$	272.47	\$	186,097	16.4%
11/2"		3/4"	-	\$	351.00	\$	-	\$	410.52	\$	-	17.09
Subtotal SC 96		1"	27	\$	585.15	\$	15,799	\$	683.00	\$	18,441	16.79
Subtotal SC 98,501 \$ 2,013,235 \$ 2,343,602 16.4			-	\$	1,170.75	\$	-	\$	1,362.36	\$	-	16.49
Residential Usage		2"		\$	1,873.05			\$	2,179.78			16.4%
Monthly - Single Family	Subtotal SC		98,501			\$	2,013,235			\$	2,343,602	16.4%
Monthly - Single Family	Residential Usage	ccf										
Over 6 ccf			335.980	\$	4.536	\$	2.397.353	\$	5.810	\$	1.952.044	37.8%
Monthly	,,					-						
Commercial Usage 196,168 3	Monthly - Multi Family											
Monthly Mil Usage 196,168 \$ 4.536 \$ 889,818 \$ 5.546 \$ 1,087,948 22.3 Monthly Mil Usage 1,584 \$ 4.536 \$ 7,185 \$ 5.250 \$ 8,316 15.7		Coago		•				Ψ.	0.00	Ψ.		
Industrial Usage		All Usage	196 168	\$	4 536	\$	889 818	\$	5 546	\$	1 087 948	22.3%
Monthly		Coago	100,100	•		Ψ.	000,010	Ψ.	0.0.0	Ψ.	.,00.,0.0	,,
Public Authority Usage Monthly All Usage 16,933 \$ 4.536 \$ 76,808 \$ 5.606 \$ 94,926 23.6		All Usage	1 584	\$	4 536	\$	7 185	\$	5 250	\$	8 316	15.7%
Monthly		Coago	.,00.	•		Ψ.	7,100	Ψ.	0.200	Ψ.	0,0.0	,
Seasonal Residential Usage		All Usane	16 933	\$	4 536	\$	76 808	\$	5 606	\$	94 926	23.6%
Monthly		7 iii Ooago	10,000	Ψ	1.000	Ψ	70,000	Ψ	0.000	Ψ	01,020	20.07
Over 6 ccf		0-6 ccf Usage	9 698	\$	5 619	\$	104 075 12	\$	7 358	\$	71 358	42.5%
Monthly - Multi Family All Usage 2,492 \$ 5.619 N/A \$ 8.094 \$ 20,170	Working					Ψ	,					12.07
Seasonal Non-Residential Usage Monthly All Usage 18,439 \$ 5.619 \$ 103,609 \$ 7.358 \$ 135,674 30.9	Monthly - Multi Family											
Monthly		7 til O3agc	2,402	Ψ	0.010		14// (Ψ	0.004	Ψ	20,170	
Total GMS \$ 5,592,083 \$ 7,121,364 27.3 Private Services 3" 96 \$ 441.12 \$ 42,348 \$ 541.77 \$ 52,010 22.8 4" 74 \$ 751.68 \$ 55,624 \$ 862.48 \$ 63,824 14.7 6" 137 \$ 1,793,28 \$ 245,679 \$ 2,145.30 \$ 293,906 19.6 8" 19 \$ 3,188.64 \$ 60,584 \$ 3,855.74 \$ 73,259 20.9 10" - \$ 4,983.72 \$ - \$ 5,993.80 \$ - 20.3 12" 3 \$ 7,041.24 \$ 21,124 \$ 8,559.46 \$ 25,678 21.6 Total Private 329 \$ 425,359 \$ 508,677 19.6 Public Fire Charge 495 \$ 1,740.41 \$ 2,286.62 Annual Public Charge By System Hampton 280 \$ 475,132 \$ 640,254 34.8 North Hampton 149 \$ 259,321 \$ 340,706 31.4 North Hampton 149 \$ 259,321 \$ 340,706 31.4 Jenness Beach 42 \$ 41,770 \$ 54,879 31.4 Jenness Beach 42 \$ 73,097 \$ 96,038 31.4 Total Public Fire 495 \$ 849,320 \$ 1,131,877 33.3 Total Fire \$ 495 \$ 849,320 \$ 1,131,877 33.3 Total Fire \$ 1,274,679 \$ 1,640,554 28.7 Total Revenue From Rates \$ 6,866,762 \$ 8,761,918 27.6 WICA Surcharge \$ 515,007 N/A Other Revenue		All Usage	18,439	\$	5.619	\$	103,609	\$	7.358	\$	135,674	30.9%
Private Services 3" 96 \$ 441.12 \$ 42,348 \$ 541.77 \$ 52,010 22.8 4" 74 \$ 751.68 \$ 55,624 \$ 862.48 \$ 63,824 14.7 6" 137 \$ 1,793.28 \$ 245,679 \$ 2,145.30 \$ 293,906 19.6 8" 19 \$ 3,188.64 \$ 60,584 \$ 3,855.74 \$ 73,259 20.9 10" - \$ 4,983.72 \$ - \$ 5,993.80 \$ - 20.3 12" 3 \$ 7,041.24 \$ 21,124 \$ 8,559.46 \$ 25,678 21.6 Total Private 329 \$ 425,359 \$ 508,677 19.6 Public Fire Charge Annual Public Charge By System Hampton 280 \$ 475,132 \$ 640,254 34.8 North Hampton 149 \$ 259,321 \$ 340,706 31.4 Rye Beach 24 \$ 41,770 \$ 54,879 31.4 Jenness Beach 42 \$ 73,097 \$ 96,038 31.4 Jenness Beach 42 \$ 73,097 \$ 96,038 31.4 Total Public Fire Charge 495 \$ 849,320 \$ 1,131,877 33.3 Total Fire \$ \$ 849,320 \$ 1,131,877 33.3 Total Fire \$ \$ 849,320 \$ 1,131,877 33.3 Total Fire \$ \$ \$ 849,320 \$ 1,131,877 33.3 Total Fire \$ \$ \$ 849,320 \$ 1,131,877 33.3 Total Fire \$ \$ \$ 849,320 \$ 1,131,877 33.3 Total Revenue From Rates \$ 8,666,762 \$ 8,761,918 27.6 WICA Surcharge \$ \$ 515,007 NA Other Revenue	Subtotal UC		775,660			\$	3,578,848			\$	4,777,762	33.5%
Private Services 3" 96 \$ 441.12 \$ 42,348 \$ 541.77 \$ 52,010 22.8 4" 74 \$ 751.68 \$ 55,624 \$ 862.48 \$ 63,824 14.7 6" 137 \$ 1,793.28 \$ 245,679 \$ 2,145.30 \$ 293,906 19.6 8" 19 \$ 3,188.64 \$ 60,584 \$ 3,855.74 \$ 73,259 20.9 10" - \$ 4,983.72 \$ - \$ 5,993.80 \$ - 20.3 12" 3 \$ 7,041.24 \$ 21,124 \$ 8,559.46 \$ 25,678 21.6 Total Private 329 \$ 425,359 \$ 508,677 19.6 Public Fire Charge Annual Public Charge By System Hampton 280 \$ 475,132 \$ 640,254 34.8 North Hampton 149 \$ 259,321 \$ 340,706 31.4 Rye Beach 24 \$ 41,770 \$ 54,879 31.4 Jenness Beach 42 \$ 73,097 \$ 96,038 31.4 Jenness Beach 42 \$ 73,097 \$ 96,038 31.4 Total Public Fire Charge 495 \$ 849,320 \$ 1,131,877 33.3 Total Fire \$ \$ 849,320 \$ 1,131,877 33.3 Total Fire \$ \$ 849,320 \$ 1,131,877 33.3 Total Fire \$ \$ \$ 849,320 \$ 1,131,877 33.3 Total Fire \$ \$ \$ 849,320 \$ 1,131,877 33.3 Total Fire \$ \$ \$ 849,320 \$ 1,131,877 33.3 Total Revenue From Rates \$ 8,666,762 \$ 8,761,918 27.6 WICA Surcharge \$ \$ 515,007 NA Other Revenue	Total GMS					\$	5 502 083			\$	7 121 364	27 30/
3" 96	Total Givio					Ψ	0,002,000			Ψ	7,121,004	21.07
4" 74 \$ 751.68 \$ 55,624 \$ 862.48 \$ 63,824 14.7 6" 137 \$ 1,793.28 \$ 245,679 \$ 2,145.30 \$ 293,906 19.6 8" 19 \$ 3,188.64 \$ 60,584 \$ 3,855.74 \$ 73,259 20.9 10" - \$ 4,983.72 \$ - \$ 5,993.80 \$ - 20.3 12" 3 \$ 7,041.24 \$ 21,124 \$ 8,559.46 \$ 25,678 21.6 Total Private 329 \$ 1,740.41 \$ 2,286.62 \$ 508,677 19.6 Public Fire Charge 495 \$ 1,740.41 \$ 2,286.62 \$ 508,677 19.6 Public Charge By System \$ 2,286.62 \$ 475,132 \$ 640,254 34.8 North Hampton 280 \$ 475,132 \$ 640,254 34.8 North Hampton 149 \$ 259,321 \$ 340,706 31.4 Rye Beach 24 \$ 41,770 \$ 54,879 31.4 Jenness Beach 42 \$ 73,097 \$ 96,038 31.4 Total Prival 495 \$ 849,320 \$ 1,131,877 33.3 <	Private Services											
6" 137 \$ 1,793.28 \$ 245,679 \$ 2,145.30 \$ 293,906 19.6 8" 19 \$ 3,188.64 \$ 60,584 \$ 3,855.74 \$ 73,259 20.9 10" - \$ 4,983.72 \$ - \$ 5,993.80 \$ - 20.3 12" 3 \$ 7,041.24 \$ 21,124 \$ 8,559.46 \$ 25,678 21.6 Total Private 329 \$ 1,740.41 \$ 2,286.62 Annual Public Charge By System Hampton 280 \$ 475,132 \$ 640,254 34.8 North Hampton 149 \$ 259,321 \$ 340,706 31.4 Rye Beach 24 \$ 41,770 \$ 54,879 31.4 Jenness Beach 42 \$ 73,097 \$ 96,038 31.4 Total Public Fire 495 \$ 849,320 \$ 1,131,877 33.3 Total Public Fire \$ 495 \$ 849,320 \$ 1,131,877 33.3 Total Public Fire \$ \$ 849,320 \$ 1,131,877 33.3 Total Revenue From Rates \$ 6,866,762 \$ 8,761,918 27.6 WICA Surcharge \$ 515,007 \$ N/A Other Revenue \$ 515,007 \$ N/A	3"		96	\$	441.12	\$	42,348	\$	541.77	\$	52,010	22.8%
8" 19 \$ 3,188.64 \$ 60,584 \$ 3,855.74 \$ 73,259 20.9 10" - \$ 4,983.72 \$ - \$ 5,993.80 \$ - 20.3 12" 3 \$ 7,041.24 \$ 21,124 \$ 8,559.46 \$ 25,678 21.6 Total Private 329 \$ 425,359 \$ 508,677 19.6 Public Fire Charge 495 \$ 1,740.41 \$ 2,286.62 Annual Public Charge By System 495 \$ 1,740.41 \$ 2,286.62 Hampton 280 \$ 475,132 \$ 640,254 \$ 34.8 North Hampton 149 \$ 259,321 \$ 340,706 \$ 31.4 Rye Beach 24 \$ 41,770 \$ 54,879 \$ 31.4 Jenness Beach 42 \$ 73,097 \$ 96,038 \$ 31.4 Total Public Fire 495 \$ 849,320 \$ 1,131,877 \$ 33.3 Total Fire \$ 1,274,679 \$ 1,640,554 \$ 28.7 Total Revenue From Rates \$ 6,866,762 \$ 8,761,918 \$ 27.6 WICA Surcharge \$ 515,007 \$ N/A Other Revenue 221,871 \$ 227,663 \$ 2.6	4"		74	\$	751.68	\$	55,624	\$	862.48	\$	63,824	14.79
10" - \$ 4,983.72 \$ - \$ 5,993.80 \$ - 20.3 12" 3 \$ 7,041.24 \$ 21,124 \$ 8,559.46 \$ 25,678 21.6 Total Private 329 \$ 425,359 \$ 508,677 19.6 Public Fire Charge 495 \$ 1,740.41 \$ 2,286.62 Annual Public Charge By System 495 \$ 1,740.41 \$ 2,286.62 Hampton 280 \$ 475,132 \$ 640,254 \$ 34.8 North Hampton 149 \$ 259,321 \$ 340,706 \$ 31.4 Rye Beach 24 \$ 41,770 \$ 54,879 \$ 31.4 Jenness Beach 42 \$ 73,097 \$ 96,038 \$ 31.4 Total Public Fire 495 \$ 849,320 \$ 1,131,877 \$ 33.3 Total Fire \$ 1,274,679 \$ 1,640,554 \$ 28.7 Total Revenue From Rates \$ 6,866,762 \$ 8,761,918 \$ 27.6 WICA Surcharge \$ 515,007 \$ N/A Other Revenue 221,871 \$ 227,663 \$ 2.6	6"		137	\$	1,793.28	\$	245,679	\$	2,145.30	\$	293,906	19.6%
12" 3 \$ 7,041.24 \$ 21,124 \$ 8,559.46 \$ 25,678 21.6 Total Private 329 \$ 425,359 \$ 508,677 19.6 Public Fire Charge 495 \$ 1,740.41 \$ 2,286.62 Annual Public Charge By System 495 \$ 1,740.41 \$ 2,286.62 Hampton 280 \$ 475,132 \$ 640,254 \$ 34.8 North Hampton 149 \$ 259,321 \$ 340,706 \$ 31.4 Rye Beach 24 \$ 41,770 \$ 54,879 \$ 31.4 Jenness Beach 42 \$ 73,097 \$ 96,038 \$ 31.4 Total Public Fire 495 \$ 849,320 \$ 1,131,877 \$ 33.3 Total Fire \$ 1,274,679 \$ 1,640,554 \$ 28.7 Total Revenue From Rates \$ 6,866,762 \$ 8,761,918 \$ 27.6 WICA Surcharge \$ 515,007 \$ N/A Other Revenue 221,871 \$ 227,663 \$ 2.6	8"		19	\$	3,188.64	\$	60,584	\$	3,855.74	\$	73,259	20.9%
12" 3 \$ 7,041.24 \$ 21,124 \$ 8,559.46 \$ 25,678 21.6 Total Private 329 \$ 425,359 \$ 508,677 19.6 Public Fire Charge 495 \$ 1,740.41 \$ 2,286.62 Annual Public Charge By System 495 \$ 1,740.41 \$ 2,286.62 Hampton 280 \$ 475,132 \$ 640,254 \$ 34.8 North Hampton 149 \$ 259,321 \$ 340,706 \$ 31.4 Rye Beach 24 \$ 41,770 \$ 54,879 \$ 31.4 Jenness Beach 42 \$ 73,097 \$ 96,038 \$ 31.4 Total Public Fire 495 \$ 849,320 \$ 1,131,877 \$ 33.3 Total Fire \$ 1,274,679 \$ 1,640,554 \$ 28.7 Total Revenue From Rates \$ 6,866,762 \$ 8,761,918 \$ 27.6 WICA Surcharge \$ 515,007 \$ N/A Other Revenue 221,871 \$ 227,663 \$ 2.6	10"		_	\$	4,983.72	\$	-	\$	5,993.80	\$	-	20.3%
Public Fire Charge 495 1,740.41 \$ 2,286.62 Annual Public Charge By System 280 \$ 475,132 \$ 640,254 34.8 North Hampton 149 \$ 259,321 \$ 340,706 31.4 Rye Beach 24 \$ 41,770 \$ 54,879 31.4 Jenness Beach 42 \$ 73,097 \$ 96,038 31.4 Total Public Fire 495 \$ 849,320 \$ 1,131,877 33.3 Total Fire \$ 1,274,679 \$ 1,640,554 28.7 Total Revenue From Rates \$ 6,866,762 \$ 8,761,918 27.6 WICA Surcharge \$ 515,007 N/A Other Revenue 221,871 227,663 2.6	12"		3	\$	7,041.24	\$	21,124	\$	8,559.46	\$	25,678	21.6%
Annual Public Charge By System Hampton 280 \$ 475,132 \$ 640,254 34.8 North Hampton 149 \$ 259,321 \$ 340,706 31.4 Rye Beach 24 \$ 41,770 \$ 54,879 31.4 Jenness Beach 42 \$ 73,097 \$ 96,038 31.4 Total Public Fire 495 \$ 849,320 \$ 1,131,877 33.3 Total Fire \$ 1,274,679 \$ 1,640,554 28.7 Total Revenue From Rates \$ 6,866,762 \$ 8,761,918 27.6 WICA Surcharge \$ 515,007 N/A Other Revenue \$ 221,871 227,663 2.6	Total Private		329			\$	425,359				508,677	19.6%
Annual Public Charge By System Hampton 280 \$ 475,132 \$ 640,254 34.8 North Hampton 149 \$ 259,321 \$ 340,706 31.4 Rye Beach 24 \$ 41,770 \$ 54,879 31.4 Jenness Beach 42 \$ 73,097 \$ 96,038 31.4 Total Public Fire 495 \$ 849,320 \$ 1,131,877 33.3 Total Fire \$ 1,274,679 \$ 1,640,554 28.7 Total Revenue From Rates \$ 6,866,762 \$ 8,761,918 27.6 WICA Surcharge \$ 515,007 N/A Other Revenue \$ 221,871 227,663 2.6	Public Fire Charge		495	\$	1.740.41			\$	2,286.62			
Hampton 280 \$ 475,132 \$ 640,254 34.8 North Hampton 149 \$ 259,321 \$ 340,706 31.4 Rye Beach 24 \$ 41,770 \$ 54,879 31.4 Jenness Beach 42 \$ 73,097 \$ 96,038 31.4 Total Public Fire 495 \$ 849,320 \$ 1,131,877 33.3 Total Fire \$ 1,274,679 \$ 1,640,554 28.7 Total Revenue From Rates \$ 6,866,762 \$ 8,761,918 27.6 WICA Surcharge \$ 515,007 N/A Other Revenue 221,871 227,663 2.6			.50	*	.,			+	_,_55.52			
North Hampton 149 \$ 259,321 \$ 340,706 31.4 Rye Beach 24 \$ 41,770 \$ 54,879 31.4 Jenness Beach 42 \$ 73,097 \$ 96,038 31.4 Total Public Fire 495 \$ 849,320 \$ 1,131,877 33.3 Total Fire \$ 1,274,679 \$ 1,640,554 28.7 Total Revenue From Rates \$ 6,866,762 \$ 8,761,918 27.6 WICA Surcharge \$ 515,007 N/A Other Revenue 221,871 227,663 2.6			280			\$	475,132			\$	640,254	34.8%
Rye Beach 24 \$ 41,770 \$ 54,879 31.4 Jenness Beach 42 \$ 73,097 \$ 96,038 31.4 Total Public Fire 495 \$ 849,320 \$ 1,131,877 33.3 Total Fire \$ 1,274,679 \$ 1,640,554 28.7 Total Revenue From Rates \$ 6,866,762 \$ 8,761,918 27.6 WICA Surcharge \$ 515,007 N/A Other Revenue 221,871 227,663 2.6	•											31.49
Jenness Beach 42 \$ 73,097 \$ 96,038 31.4 Total Public Fire 495 \$ 849,320 \$ 1,131,877 33.3 Total Fire \$ 1,274,679 \$ 1,640,554 28.7 Total Revenue From Rates \$ 6,866,762 \$ 8,761,918 27.6 WICA Surcharge \$ 515,007 N/A Other Revenue 221,871 227,663 2.6												31.49
Total Public Fire 495 \$ 849,320 \$ 1,131,877 33.3 Total Fire \$ 1,274,679 \$ 1,640,554 28.7 Total Revenue From Rates \$ 6,866,762 \$ 8,761,918 27.6 WICA Surcharge \$ 515,007 N/A Other Revenue 221,871 227,663 2.6	•											31.49
Total Fire \$ 1,274,679 \$ 1,640,554 28.7 Total Revenue From Rates \$ 6,866,762 \$ 8,761,918 27.6 WICA Surcharge \$ 515,007 N/A Other Revenue 221,871 227,663 2.6	Total Public Fire											33.3%
WICA Surcharge \$ 515,007 N/A Other Revenue 221,871 227,663 2.6	Total Fire		.30								, ,	28.7%
WICA Surcharge \$ 515,007 N/A Other Revenue 221,871 227,663 2.6	Total Revenue From Rates					\$	6.866 762			\$	8.761 918	27 69
Other Revenue 221,871 227,663 2.6										~		27.07
	<u> </u>					Ψ						2 69/
	Other Revenue					\$	7,603,640			\$	8,989,581	18.2%







Docket No. DW 21-093 Atta Elximidrit (98)

Aquarion Water Company of New Hampshire

DW 21-093

Aquarion Water Company's Responses to Town of North Hampton Data Requests—Set 1

Data Request Received: September 1, 2021 Date of Response: September 15, 2021

Witness: Daniel Lawrence Request No.: North Hampton-8

REQUEST:

Fire Protection Benefits. Reference the attached plan showing hydrant locations in North Hampton. Does Aquarion agree that the Wiggin Way customers benefit from public fire protection rates paid by Hampton and North Hampton based on the attached map which shows that Aquarion fire hydrants are located immediately adjacent to the Wiggin Way system?

RESPONSE: Initially, it is unclear to Aquarion how Wiggin Way customers would benefit from "public fire protection rates paid by Hampton and North Hampton." To the extent the question is seeking to know whether Wiggin Way's customers would benefit from use of the hydrants themselves, the interconnection to the Wiggin Way Water System will not provide fire protection for the customers within Wiggin Way. The Company can not comment on the benefit to Wiggin Way related to fire protection.