Aquarion Water Company of New Hampshire
Docket No. DW 20-184
Rate Recoupment Adder Compliance Filing
Attachment 1
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Rate Recoupment Adder Executive Summary

Consistent with the Commission-approved settlement agreement in this docket regarding permanent rates, Aquarion Water Company of New Hampshire ("Aquarion" or the "Company") kept the temporary rates that took effect on February 1, 2021 in place until the approved step adjustment to permanent rates took effect on March 1, 2023 to "aid in maintaining rate stabilization and avoid customer confusion." (Settlement agreement at bates page 51). To account for proper collections, rather than implementing multiple changes to rates when permanent rates were approved, and then again shortly thereafter when the step adjustment was approved, the settlement agreement allowed for the differences from temporary to permanent rates (February 1, 2021 through July 31, 2022), and permanent rates to the addition of the step adjustment (August 1, 2022 through February 28, 2023) to be tallied into a single adder to be collected from all customers over a 12-month period.

The Company used customer class and meter size to base the calculation of the adder reflecting the difference between temporary rates authorized in Order No. 26,488 (June 21, 2021), and permanent rates authorized in Order No. 26,659 (July 29, 2022), and then the difference from the implementation of permanent rates to the addition of the step adjustment ("Final Rates"). (Order No. 26,761 (January 19, 2023); Order No. 26,771 (February 6, 2023)). The temporary to permanent rate recoupment was reconciled for the period between February 1, 2021 and February 28, 2023. The permanent to Final Rate recoupment was reconciled for the period between August 1, 2022 and February 28, 2023, to recover the revenue the Company should have recovered if permanent rates (including the step adjustment) had been implemented on or around the time that permanent rates became effective, as the settlement agreement intended. The resulting adder for recoupment of all rate changes for services rendered between February 1, 2021 and February 28, 2023 is \$151,481, and is comprised of the following:

- 1. The change from temporary rates to permanent rates resulted in a credit for services rendered between February 1, 2021 and February 28, 2023 in the amount of (\$639,417).
- 2. The change from permanent rates to Final Rates resulted in a surcharge for services rendered between August 1, 2022 and February 28, 2023 in the amount of \$790,898.

Once the overall recoupment amounts were calculated, a calculation of the charges or credits to be allocated to customers was made. Consistent with rate treatment in previous rate cases as well as the current matter, the proposed adder recovers the \$151,481 via a fixed amount according to meter size of the respective customer class. Aquarion provides the attached calculations to support the proposed adder to be applied to customer rates from May 1, 2023-April 30, 2024.

Attachment 2: Schedule of Summary Results and Rate Calculation

Attachment 2 shows a summary schedule of total temporary to permanent and permanent to step recoupment amount of \$151,481 by customer class and meter size. The Company then divided the recoupment adderby the number of customers within the specific customer class and meter size. This methodology ensures that customers are charged or credited based on their actual fixed and volumetric usage charges during the 12-month period using the various Commission-approved rates.

Detailed calculations for the amounts in Attachment 2, Page 1, Column C, are in Attachment 3. which reflects temporary to permanent recoupment for the period between February 1, 2021, and July 31, 2022. Detailed calculations for the amounts in Attachment 2, Page 1, Columns D and F, can be found in Attachment 4 which reflects the temporary rates to permanent rates as well as permanent rates to Final Rates for the period between August 1, 2022, and February 28, 2023.

Further detail for Attachments 3 and 4 are provided below.

<u>Attachment 3 – Recoupment Calculations for period between February 1, 2021 and July 31, 2022</u>

Worksheets colored in green show revenue reports from the Company's billing system for the period between February 1, 2021 and July 31, 2022.

"svc chrg by install" shows non-seasonal service charges by meter installation number and associated customer class and meter size. Data is summarized by customer class and meter size at the end of the worksheet.

"usg chrg by install" shows non-seasonal usage charges by charges by meter installation number and associated customer class and meter size. Data is summarized by customer class and meter size at the end of the worksheet.

"seasl svc chrg" shows seasonal service charges by meter installation number and associated customer class and meter size. Data is summarized by customer class and meter size at the end of the worksheet.

"seasl usg chrg" shows seasonal usage charges by meter installation number and associated customer class and meter size. Data is summarized by customer class and meter size at the end of the worksheet.

"pvt fire" shows private fire charges by meter installation number and associated fire line size. Data is summarized by fire line sizes at the end of the worksheet.

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"pub fire" shows public fire charges by town and bill posting date. Data is summarized by towns at the end of the worksheet.

Worksheet "recoup calc" colored in yellow brings forth the data from the supporting worksheets and performs the calculation as follows:

Column A: Description of customer class and meter size.

Column B: Service charges for services rendered during temporary rate period (02/01/2021 to 07/31/2022) plus 7.5% of WICA. Service charge amounts are brought forth from tab "svc chrg by install" for non-seasonal customers, tab "seasl svc chrg" for seasonal customers, tab "pvt fire" for private fire service and tab "pub fire" for public fire service.

Column C: Usage charges for services rendered during temporary rate period (02/01/2021 to 07/31/2022) plus 7.5% of WICA. Usage charge amounts are brought forth from tab "usg chrg by install" for non-seasonal customers and tab "seasl usg chrg" for seasonal customers. There is no usage charge for fire services.

Column D: Total Charges at Temp Rates with WICA = B + C. Line 72 shows total fixed and usage charges, including 7.5% WICA, of \$11,344,031 for the temporary rate period (2/1/2021 and 7/31/2022).

Column E: Temporary fixed service charges per month by meter size with 7.5% WICA included during the temporary rate period except for public fire, which shows the annual rate per hydrant.

Column F: Temporary usage rates per CCF with 7.5% WICA included during the temporary rate period. There is no usage charge for private and public fire services.

Column G: Permanent fixed service charges per month per meter size except for public fire, which shows the annual permanent rate per hydrant.

Column H: % Rate Change = $G \div E - 1$

Column I: Surcharge (Credit) on Service Charge = $H \times B$

Column J: Permanent usage rates per CCF.

Column K: % Rate Change = $J \div F - 1$

Column L: Surcharge or (Credit) on Usage Charge = $K \times C$

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Column M: Total Surcharge or (Credit) = I + L. Line 72 of the column shows total temporary to permanent recoupment amount as a reduction in revenues of (\$639,416).

Column N: Total Charges at Permanent Rates = D + M

Column O: Total Surcharge or (Credit) as % of Total Charges at temporary rates with WICA = $M \div D$. Line 72 shows recoupment credit at (4.32%) of revenues at temporary rates for this period.

<u>Attachment 4 – Recoupment Calculations for period between August 1, 2022 and February 28, 2023</u>

This attachment is identical to Attachment 3 except that it pertains to the period between implementation of permanent rates and the addition of the step adjustment to permanent rates (August 1, 2022 and February 28, 2023). Additionally, in worksheet titled "recoup cal", there is a third section, comprised of Columns P through W, which shows Final Rates (Columns P and S for fixed service charge and usage charge respectively) and the resulting recoupment from permanent rates to Final Rates. The allocation methodology is the same as the methodology discussed above for Attachment 3.

Summary Results and Adder Calculations

	A	В	С	D	E=C+D	F	G=E+F	H=G/B	I=H/12
			Temp to Perm			Perm to Step			
1		Customer No. 2/28/2023	2/1/2021 - 7/31/2022	8/1/2022 - 2/28/2023	Total	8/1/2022 - 2/28/2023	Total Surcharge / (Refund)	Total Per Customer	Mthly Rate Per Customer Over 12 Mon
2 3 4 5 6	Residential 5/8" METER 1 INCH METER 1 1/2 INCH METER 2 INCH METER	7,669 190 26 30	\$ (141,995.17) \$ (24,098.98) (8,424.87) (15,736.31)	(55,926.52) \$ (9,655.60) (3,266.12) (6,434.40)	(197,921.69) (33,754.58) (11,690.98) (22,170.71)	\$ 433,077.49 26,833.39 9,855.35 10,548.21	\$ 235,155.80 \$ (6,921.18) \$ (1,835.63) \$ (11,622.50) \$	30.66 (36.43) (70.60) (387.42)	\$ 2.56 \$ (3.04) \$ (5.88)
7 8 9 10 11	Commercial 5/8" METER 1 INCH METER	7,915 374 98 30	\$ (190,255.32) \$ \$ (5,436.73) \$ (12,457.22)	(75,282.64) \$ (2,016.33) \$ (4,822.79) (3,784.24)	(7,453.05) (17,280.01)	\$ 480,314.45 \$ 27,391.12 17,518.60	\$ 214,776.48 \$ 19,938.07 \$ 238.60 \$	53.31 2.43 (170.47)	\$ 0.20
13 14 15 16	1 1/2 INCH METER 2 INCH METER Industrial	110 612	(9,769.01) (54,613.37) \$ (82,276.33) \$	(21,114.71) (31,738.06) \$	(13,553.25) (75,728.08) (114,014.39)	\$,439.17 82,268.90 \$ 135,617.80	(5,114.08) \$ 6,540.83 \$ \$ 21,603.41	59.46	
17 18 19 20	5/8" METER 1 INCH METER 1 1/2 INCH METER 2 INCH METER	- - 1 1	\$ - \$ - (361.25) (532.81)	- \$ - (140.71) (213.89)	(501.96) (746.70)	\$ - 128.37 596.46	\$ - \$ - \$ (373.60) \$ (150.24) \$	(373.60) (150.24)	
21 22 23 24	Public Authority/Govt 5/8" METER	18	\$ (894.06) \$ \$ (300.51) \$	(354.61) \$ (96.71) \$	(1,248.66)	\$ 724.82 \$ 1,262.70	\$ (523.84)	48.08	\$ 4.01
25 26 27 28 29	1 INCH METER 1 1/2 INCH METER 2 INCH METER	7 8 11 44	(642.86) (2,369.15) (4,889.47) \$ (8,201.99) \$	(224.91) (938.47) (1,768.84) (3,028.93) \$	(867.78) (3,307.62) (6,658.30) (11,230.92)	248.39 3,551.72 15,790.75 \$ 20,853.56	(619.39) \$ 244.10 \$ 9,132.45 \$ 9,622.64	(88.48) 30.51 830.22	\$ 2.54
				Temp to Perm		Perm to Step			
30 31	Seasonal Residential	Customer No. 2/28/2023	2/1/2021 - 7/31/2022	8/1/2022 - 2/28/2023	Total	8/1/2022 - 2/28/2023	Total Surcharge / (Refund)	Total Per Customer	
32 33 34 35	5/8" METER 1 INCH METER 2 INCH METER	621 5 1 627	\$ (76,653.10) \$ (668.29) - \$ (77,321.39) \$	2,085.49 \$ 438.93 - 2,524.42 \$	(74,567.61) (229.36) - (74,796.97)	\$ 9,309.13 1,959.28 \$ 11,268.41	\$ (65,258.48) \$ 1,729.92 \$ 	(105.09) 345.98 -	
36 37 38 39	Seasonal Commercial 5/8" METER 1 INCH METER	52 26	\$ (4,517.67) \$ (4,024.86)	657.21 \$ 1,370.04	(3,860.46) (2,654.83)	\$ 2,933.63 5,251.83	\$ (926.83) \$ 2,597.00 \$	(17.82) 99.88	
40 41 42 43	2 INCH METER Seasonal Public Authority	80	\$ (9,295.20) \$	832.07 2,859.32 \$	79.40 (6,435.88)	\$ 9,084.31	\$ 2,648.43	489.13	
44 45 46 47 48	5/8" METER 1 INCH METER 2 INCH METER	12 2 6 20	\$ (1,631.13) \$ (199.89) (5,187.14) \$ (7,018.16) \$	128.06 \$ 93.40 180.18 401.63 \$	(1,503.07) (106.49) (5,006.96) (6,616.53)	\$ 571.61 416.90 804.27 \$ 1,792.77	\$ (931.47) \$ 310.40 \$ (4,202.70) \$ \$ (4,823.76)	(77.62) 155.20 (700.45)	
49 50 51	Total Water Service	9,300	\$ (375,262.44) \$	(104,618.88) \$	(479,881.32)	\$ 659,656.13	\$ 179,774.81		
52		Customer No. 2/28/2023	2/1/2021 - 7/31/2022	8/1/2022 - 2/28/2023	Total	8/1/2022 - 2/28/2023	Total Surcharge / (Refund)	Total Per Customer	Mthly Rate Per Customer Over 12 Mon
53 54 55 56 57 58 59 60 61	Private Fire 3 Inch or less 4 Inch 6 Inch 8 Inch 12 Inch	116 76 155 19 3 369	\$ (7,765.28) \$ (14,093.66) (53,091.92) (11,232.41) (3,745.01) \$ (89,928.27) \$	(3,203.14) \$ (5,686.26) (21,615.73) (4,452.33) (1,484.47) (36,441.93) \$	(10,968.41) (19,779.92) (74,707.65) (15,684.73) (5,229.48) (126,370.20)	\$ 5,052.37 5,459.60 28,170.69 6,373.55 2,234.96 \$ 47,291.17	\$ (5,916.05) \$ (14,320.32) \$ (46,536.96) \$ (9,311.18) \$ (2,994.52) \$ \$ (79,079.03)	(51.00) (188.43) (300.24) (490.06) (998.17)	\$ (15.70) \$ (25.02) \$ (40.84)
62		Customer No. 2/28/2023	2/1/2021 - 7/31/2022	7 Temp to Perm 8/1/2022 - 2/28/2023	Total	8/1/2022 - 2/28/2023	Total Surcharge / (Refund)	Total Per Customer	
63 64 65 66 67 68	Public Fire TOWN OF HAMPTON TOWN OF NO HAMPTON JENNESS BCH PRECINCT RYE BEACH PRECINCT	1 1 1 1 4	\$ (13,915.12) \$ (7,594.70) (2,140.79) (1,223.31) \$ (24,873.91) \$	(4,638.37) \$ (2,531.57) (713.60) (407.77) (8,291.30) \$	(18,553.49) (10,126.26) (2,854.38) (1,631.08) (33,165.21)	\$ 46,964.19 25,632.47 7,225.26 4,128.72 \$ 83,950.64	\$ 28,410.70 \$ 15,506.21 \$ 4,370.88 \$ 2,497.64 \$ 50,785.43	28,410.70 15,506.21 4,370.88 2,497.64	
69 70 71 72 73	Total Fire Service	9,673	\$ (114,802.18) \$ \$ (490,064.62) \$	(44,733.23) \$ (149,352.11) \$	(159,535.41)	\$ 131,241.81	\$ (28,293.60)		
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WICA 7.50% Actual Revenues at Temp Rates including WICA, February 1, 2021 through July 31, 2022

0.00%

Temp to Perm Recoupment Calculation, February 1, 2021 through July 31, 2022

	А		В		С		D=B+C		E		F		G	H=G/E-1		I=H*B	J	K=J/F-1	L=K*C		M=I+L	N=D+M	O=M/D
1	Non-Seasonal Customers	Se	rvice Charge	Us	sage Charge	at	otal Charges Temp Rates with WICA	Cl	emp Svc hrg with WICA	Ra	mp Usage ate with WICA	-	manent hrg Rate	% Rate Change	(C Serv	urcharge credit) on vice Charge np to Perm	rmanent age Rate		Credit) on Usage Charge Temp to		al Surcharge (Credit) mp to Perm	Total Charges at Perm Rates	
2	Residential																						
3	5/8" METER	\$	2,231,322	-	3,610,747	\$	5,842,069		16.77		4.876	\$	15.37	-8.35%		(186,276)	\$ 4.936	1.23%	,	\$	(141,995)		
4	1 INCH METER	\$,	-	,		343,117		41.94		4.876	\$	33.37	-20.43%		(26,704)	\$ 4.936	1.23%	,	\$	(24,099)		
5	1 1/2 INCH METER	\$	39,102	\$	93,331	\$	132,433	\$	83.90	\$	4.876	\$	63.37	-24.47%	\$	(9,569)	\$ 4.936	1.23%	, -	\$	(8,425)	\$ 124,008	-6.36%
6	2 INCH METER	\$	67,070	\$	137,319	\$	204,389	\$	134.24	\$	4.876	\$	99.37	-25.97%	\$	(17,420)	\$ 4.936	1.23%		\$	(15,736)		
7		\$	2,468,228	\$	4,053,780	\$	6,522,008								\$	(239,969)		9	49,714	\$	(190,255)	\$ 6,331,753	-2.92%
8																							
9	Commercial																						
10	5/8" METER	\$	103,022	-	257,979		361,000		16.77		4.876	\$	15.37	-8.35%		(8,600)	\$ 4.936	1.23%	,	\$	(5,437)	. ,	
	1 INCH METER	\$	70,905	\$	165,181		236,086		41.94		4.876	\$	33.37	-20.43%		(14,483)	\$ 4.936	1.23%	,	\$	(12,457)		
	1 1/2 INCH METER	\$	43,848		78,439		122,287		83.90		4.876	\$	63.37	-24.47%		(10,731)	\$ 4.936	1.23%		\$	(9,769)		
13	2 INCH METER	\$	249,562	_	832,221	\$, ,	\$	134.24	\$	4.876	\$	99.37	-25.97%	\$_\$	(64,819)	\$ 4.936	1.23%	,	\$	(54,613)		
14		\$	467,337	\$	1,333,820	\$	1,801,157								\$	(98,634)		9	16,357	\$	(82,276)	\$ 1,718,880	-4.57%
15																							
16	Industrial																						
	5/8" METER	\$	-	\$	-	\$	-	\$	16.77		4.876	\$	15.37	-8.35%		-	\$ 4.936	1.23%		\$	-	\$ -	
	1 INCH METER	\$	-	\$	-	\$	-	\$	41.94		4.876	\$	33.37	-20.43%			\$ 4.936	1.23%		\$		\$ -	
	1 1/2 INCH METER	\$	1,507	\$	619	\$	2,126		83.90		4.876	\$	63.37	-24.47%		(369)	\$ 4.936	1.23%		\$	(361)		
	2 INCH METER	\$	-,	_	7,622	_	10,033	\$	134.24	\$	4.876	\$	99.37	-25.97%		(626)	\$ 4.936	1.23%		\$	(533)		_
21		\$	3,918	\$	8,241	\$	12,159								\$	(995)		5	101	\$	(894)	\$ 11,265	-7.35%
22																							
23	Public Authority/Govt																						
24	5/8" METER	\$	4,814	-	8,265		13,079		16.77		4.876	\$	15.37	-8.35%		(402)	\$ 4.936	1.23%		\$	(301)		
	1 INCH METER	\$	3,210	-	1,044		4,254		41.94		4.876	\$	33.37	-20.43%		(656)	\$ 4.936	1.23%		\$	(643)		
	1 1/2 INCH METER	\$	11,073	- 1	27,775		38,847		83.90		4.876	\$	63.37	-24.47%		(2,710)	\$ 4.936	1.23%		\$	(2,369)		
	2 INCH METER	\$	26,030	\$	152,596	_	178,626	\$	134.24	\$	4.876	\$	99.37	-25.97%	\$ \$	(6,761)	\$ 4.936	1.23%	,	<u> </u>	(4,889)		_
28		\$	45,126	\$	189,680	\$	234,806								\$	(10,528)		,	2,326	\$	(8,202)	\$ 226,604	-3.49%
29																							

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Actual Revenues at Temp Rates including WICA, February 1, 2021 through July 31, 2022

Temp to Perm Recoupment Calculation, February 1, 2021 through July 31, 2022

	A		В		С	D	=B+C	E		F		(à	H=G/E-	1		I=H*B	J	K=J/F-1	L=K			M=I+L	N=D+M	O=M/D
1	Seasonal Customers	Ser	vice Charge	Usa	age Charge	at Ter	Charges mp Rates h WICA	Temp S Chrg w WICA	ith	Temp Usage Rate with WICA			anent g Rate	% Rate	:	(Cr Servi	rcharge redit) on ice Charge p to Perm	manent ge Rate	% Rate Change	(Credi Usa Cha Tem	t) on ge rge p to	((Credit)	Total Charge at Perm Rate	
2	Residential										-														
3	5/8" METER	\$	304,376	\$	133,438	\$	437,814	\$ 253	1.55	\$ 6.040	\$	1	83.37	-27.1	0%	\$	(82,498)	\$ 6.305	4.38%	\$ 5	,845	\$	(76,653)	\$ 361,16	1 -17.51%
4	1 INCH METER	\$	4,403	\$	12,625	\$	17,028	\$ 629	9.04	\$ 6.040	\$	4	54.57	-27.7	4%	\$	(1,221)	\$ 6.305	4.38%	\$	553	\$	(668)	\$ 16,35	9 -3.92%
5	2 INCH METER	\$	-	\$	-	\$		\$ 2,013	3.53	\$ 6.040	\$	1,4	43.37	-28.3	2%_	\$	-	\$ 6.305	4.38%		-	\$	-	\$ -	_
6		\$	308,779	\$	146,063	\$	454,842									\$	(83,719)			\$ 6	5,398	\$	(77,321)	\$ 377,52	0 -17.00%
7																									
8	Commercial																								
9	5/8" METER	\$	22,136		33,839		55,975		1.55		\$		83.37	-27.1			(6,000)	\$ 6.305	4.38%		L,482	\$	(4,518)	. ,	
10	1 INCH METER	\$	27,048	-	79,383	\$,		9.04	•	\$		54.57	-27.7			(7,502)	\$ 6.305	4.38%	\$ 3	3,477	\$	(4,025)		
11	2 INCH METER	\$	-,		21,866	\$		\$ 2,013	3.53	\$ 6.040	\$	1,4	43.37	-28.3	_		(1,710)	\$ 6.305	4.38%	\$	958	\$	(753)		
12		\$	55,225	\$	135,089	\$	190,314									\$	(15,212)			\$ 5	,917	\$	(9,295)	\$ 181,01	8 -4.88%
13																									
14	Public Authority/Govt																								
15	5/8" METER	\$	6,540		3,232		-,		1.55	•	\$.83.37	-27.1			(1,773)	\$ 6.305	4.38%		142	\$	(1,631)	. ,	
16	1 INCH METER	\$,	-	3,401	\$	4,659		9.04	•	\$		54.57	-27.7			(349)	\$ 6.305	4.38%		149	\$	(200)		
17	2 INCH METER	\$	-,	_	,	\$	- ,	\$ 2,013	3.53	\$ 6.040	\$	1,4	43.37	-28.3	_		(5,702)	\$ 6.305	4.38%	\$	515	\$	(5,187)		
18		\$	27,934	\$	18,381	\$	46,315									\$	(7,823)			\$	805	\$	(7,018)	\$ 39,29	7 -15.15%
19															_				_						_
20	Water Service	\$	3,376,547	\$	5,885,053	\$ 9	,261,600									\$	(456,881)		_	\$ 81	,619	\$	(375,262)	\$ 8,886,33	8 -4.05%
21																									
22																									

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Actual Revenues at Temp	evenues at Temp Rates including WICA, February 1, 2021 through July 31, 2022					Temp to Perm Recoupment Calculation, February 1, 2021 through July 31, 2022								
A	В	C D=B+C	E	F	G	H=G/E-1	I=H*B	J	K=J/F-1	L=K*C	M=I+L	N=D+M	O=M/D	
	Private Fire Charge	Total Charg at Temp Ra with WICA	tes Chrg with		Permanent Svc Chrg Rate	% Rate Change	Surcharge (Credit) Temp to Perm				Total Surcharge (Credit) Temp to Perm	Total Charges at Perm Rates	Recoupment As % of Total Charges at Temp Rates	
Private Fire 3 Inch or less 4 Inch 6 Inch 8 Inch 12 Inch	\$ 73,114 \$ 86,370 \$ 422,484 \$ 97,084 \$ 33,849 \$ 712,902	\$ 86,3	\$ 630.78		\$ 35.32 \$ 56.35 \$ 140.46 \$ 252.60 \$ 560.99	-10.62% -16.32% -12.57% -11.57% -11.06%	\$ (14,094) \$ (53,092) \$ (11,232)				\$ (7,765) \$ (14,094) \$ (53,092) \$ (11,232) \$ (3,745) \$ (89,928)	\$ 72,277 \$ 369,392 \$ 85,851 \$ 30,104	-10.629 -16.329 -12.579 -11.579 -11.069 -12.619	
	Public Fire Charge	Total Charg at Temp Ra with WIC	tes Per Hydrant		Permanent Svc Chrg Rate	% Rate Change	Surcharge (Credit) Temp to Perm				Total Surcharge (Credit) Temp to Perm	Total Charges at Perm Rates	Recoupment As % of Total Charges at Temp Rates	
Public Fire TOWN OF HAMPTON TOWN OF NO HAMPTON JENNESS BCH PRECINCT RYE BEACH PRECINCT	\$ 766,150 \$ 418,155 \$ 117,869 \$ 67,354 \$ 1,369,529	\$ 418,1 \$ 117,8	1.50 \$ 1,870.94 1.55 \$ 1,870.94 369 \$ 1,870.94 354 \$ 1,870.94		\$ 1,836.96 \$ 1,836.96 \$ 1,836.96 \$ 1,836.96	-1.82% -1.82% -1.82% -1.82%	\$ (7,595) \$ (2,141)				\$ (13,915) \$ (7,595) \$ (2,141) \$ (1,223) \$ (24,874)	\$ 410,561 \$ 115,728 \$ 66,131	-1.82% -1.82% -1.82%	
Total Fire Service Total	\$ 2,082,431	\$ 2,082,4 \$ 11,344,0					\$ (114,802)				\$ (114,802) \$ (490,065)	\$ 1,967,629 \$ 10,853,966	- 5.51% -4.32%	

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Regular Customer Service Charge for Period Between February 1, 2021 and July 31, 2022

					Public
	Total	Residential	Commercial	Industrial	Authority/Govt
5/8" METER	560	560	-	-	-
5/8" X 3/4" METER	2,175,400	2,075,088	95,834	-	4,478
1 INCH METER	190,557	121,613	65,958	-	2,986
1 1/2 INCH METER	88,865	36,374	40,789	1,402	10,300
2 INCH METER	320,999	62,391	232,151	2,243	24,214
Not assigned	<u> </u>		<u> </u>	<u> </u>	<u> </u>
Total	2,776,381	2,296,026	434,732	3,645	41,978
check	0.97				

Not assigned = seasonal customers, service charges for seasonal customers have a different code

With 7.5% WICA surcharge, excluding seasonal customers

	Total	Residential	Commercial	Industrial	Public Authority/Govt
Total excl seasl	2,984,610	2,468,228	467,337	3,918	45,126
	check -	-	-	-	-

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Regular Customer Usage Charge for Period Between February 1, 2021 and July 31, 2022

				Residential -	Residential -			Public
			Total	Single	Multi	Commercial	Industrial	Authority/Govt
5/8" METER			3,606,504	3,327,922	30,913	239,980	-	7,689
1 INCH METER			352,194	194,613	2,953	153,657	-	971
1 1/2 INCH METER			186,198	41,840	44,979	72,966	576	25,837
2 INCH METER			1,050,937	36,265	91,473	774,159	7,090	141,950
			5,195,833	3,600,640	170,318	1,240,763	7,666	176,446
	check		-					
With 7.5% WICA surcharge, excluding seasonal custon	ners		5,585,521	3,870,688	183,092	1,333,820	8,241	189,680
		check	-		-	-	-	-

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Seasonal Customer Service Charge for Period Between February 1, 2021 and July 31, 2022

-		Residential -			Public
	Total	Single	Commercial	Industrial	Authority/Govt
NH Seasonal 5/8" Meter	309,816	283,140	20,592	-	6,084
NH Seasonal 1" Meter	30,427	4,096	25,161	-	1,170
NH Seasonal 2" Meter	24,350	-	5,619	-	18,731
	-				0
	364,593	287,236	51,372	-	25,985
	(0.45)				
NH Seasonal Service Charge 5/8" Meter NH Seasonal Service Charge 1" Meter NH Seasonal Service Charge 2" Meter	391,937	308,779	55,225	-	27,934

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Seasonal Customer Usage Charge for Period Between February 1, 2021 and July 31, 2022

		Residential -	Residential -			Public
	Total	Single	Multi	Commercial	Industrial	Authority/Govt
NH Seasonal 5/8" Meter	158,613	122,353	1,776	31,478	-	3,006
NH Seasonal 1" Meter	88,752	11,744	-	73,845	-	3,164
NH Seasonal 2" Meter	31,270	-	-	20,341	-	10,929
	278,635	134,097	1,776	125,664	-	17,099

With 7.5% WICA surcharge

299,533

check

0.00

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Private Fire Charge for Period Between February 1, 2021 and July 31, 2022

			No. of days	No of Net Bills	Private Fire Charges
ZPVF<3	3 Inch or less		55,641	1,866	68,013
ZPVF4I	4 Inch		39,172	1,300	80,345
ZPVF6I	6 Inch		78,201	2,604	393,009
ZPVF8I	8 Inch		10,336	342	90,311
ZPVF12	12 Inch		1,632	54	31,488
			184,982	6,166	663,165
		Check	0	0	0

With 7.5% WICA surcharge

712,902

check 0.00

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	Public Fire
Net Bills	Charges
3	712,698
3	388,982
3	109,646
3	62,655
	1,273,980

1,369,529

Check -

Public Fire Charge for Period Between February 1, 2021 and July 31, 2022

TOWN OF HAMPTON
TOWN OF NO HAMPTON
JENNESS BCH PRECINCT
RYE BEACH PRECINCT

With 7.5% WICA surcharge

Worksheet: pub fire

oupment Adder	Compliance I	H
	Attachm	en
	Page 1	. c

			WICA	7.50	%	_	0.00%										118	73% Perm	rates w St	ep Adj as % of p	ermanent rates					Page 1 of 9
Actual Revenues at Ter	mp Rates including	WICA, August 1	, 2022 through Fel	bruary 28, 2023					Temp to Perm	Recoupment Calo	ulation, Augu	st 1, 2022 throug	h February 2	3, 2023						Perm to Step R	Recoupment Calo	ulation, Augu	st 1, 2022 throug	h February 28, 20	23	
A	В	С	D=B+C	E	F	G	ì	H=G/E-1	I=H*B	J	K=J/F-1	L=K*C	M=I+	L I	N=D+M	O=M/D	P=G*1.1	73 Q=P	P/G-1	R=Q*(B+I)	S=J*1.1873	T=S/J-1	U=T*(C+L)	V=R+U	W=N+V	X=V/U
Non-Seasonal Customers	Service Charg	e Usage Charg	Total Charges ge at Temp Rates with WICA	Temp Svc Chr	g Temp Usage Rate with WICA	Perman Chrg F		Change S	Surcharge (Credit) on Service Charge Temp to Perm	Permanent Usage Rate	% Rate Change	Surcharge (Credit) on Usage Charge Temp to Perm	Total Surc (Credi Temp to	t) Tota	al Charges 'erm Rates	Recoupment as % of Total Charges at Temp Rates	Perman Rate w Step	v	hange vs. erm	Surcharge (Credit) on ervice Charge Perm to Step	Permanent Rate w Step	% Change vs. Perm	Surcharge (Credit) on Usage Charge Perm to Step	Total Surchar (Credit) Perm to Step	Total Charge:	
2 Residential 3 5/8" METER 4 1 INCH METER 5 1 1/2 INCH METER 6 2 INCH METER 7	\$ 887,29 \$ 53,25 \$ 15,37 \$ 26,48 \$ 982,40	2 \$ 99,61 5 \$ 40,48 5 \$ 36,25	16 \$ 152,868 37 \$ 55,862	8 \$ 41.94 2 \$ 83.90 4 \$ 134.24	\$ 4.876 \$ 4.876	\$	15.37 33.37 63.37 99.37	-8.35% \$ -20.43% \$ -24.47% \$ -25.97% \$	(10,877)	\$ 4.936 \$ 4.936 \$ 4.936	1.23% 1.23%	\$ 1,222 \$ 497	\$ (1 \$ (1 \$ (1	i,927) \$ 1,656) \$ 1,266) \$ i,434) \$ i,283) \$	2,311,085 143,212 52,596 56,300 2,563,193	-2.36% -6.32% -5.85% -10.26% -2.85%	\$ 3 \$ 7	0.62 1 5.24 1	18.74% \$ 18.73% \$ 18.73% \$ 18.73% \$ \$	7,937 2,175	\$ 5.861 \$ 5.861 \$ 5.861	. 18.74% . 18.74%	\$ 18,897 \$ 7,680	\$ 433,07 \$ 26,83 \$ 9,85 \$ 10,54 \$ 480,31	3 \$ 170,04 5 \$ 62,45	6 18.74% 1 18.74% 8 18.74%
9 Commercial 10 5/8" METER 11 1 INCH METER 12 1 1/2 INCH METER 13 2 INCH METER 14	\$ 40,03 \$ 27,84 \$ 17,05 \$ 98,37 \$ 183,31	3 \$ 70,47 5 \$ 31,76 5 \$ 361,78	76 \$ 98,318 59 \$ 48,823 89 \$ 460,166	8 \$ 41.94 3 \$ 83.90 5 \$ 134.24	4 \$ 4.876 5 \$ 4.876	\$	15.37 33.37 63.37 99.37	-8.35% \$ -20.43% \$ -24.47% \$ -25.97% \$	(5,687) (4,174)	\$ 4.936 \$ 4.936 \$ 4.936 \$ 4.936	1.23% 1.23%	\$ 864 \$ 390	\$ (2 \$ (2	1,016) \$ 1,823) \$ 1,784) \$ 1,115) \$	146,169 93,495 45,039 439,051 723,754	-1.36% -4.91% -7.75% -4.59% -4.20%	\$ 3	0.62 1 5.24 1	18.74% \$ 18.73% \$ 18.73% \$ 18.73% \$	4,150 2,413	\$ 5.861 \$ 5.861 \$ 5.861	. 18.74% . 18.74%	\$ 13,369 \$ 6,026	\$ 17,51 \$ 8,43 \$ 82,26	9 \$ 111,01 9 \$ 53,47 9 \$ 521,32	4 18.74% 8 18.74% 0 18.74%
16 Industrial 17 5/8" METER 18 1 INCH METER 19 1 1/2 INCH METER 20 2 INCH METER 21 22	\$ 58	7 \$ 23 D \$ 2,45	\$ - \$ - 89 \$ 826 58 \$ 3,397 77 \$ 4,223	7 \$ 134.24	4 \$ 4.876 5 4.876	\$	15.37 33.37 63.37 99.37	-8.35% \$ -20.43% \$ -24.47% \$ -25.97% \$	5 (144)	\$ 4.936 \$ 4.936 \$ 4.936 \$ 4.936	1.23% 1.23%	\$ - \$ 3	\$	- \$ - \$ (141) \$ (214) \$ (355) \$	- - 685 3,183 3,868	-17.04% -6.30% -8.40%	\$ 3	9.62 1 5.24 1	18.74% \$ 18.73% \$ 18.73% \$ 18.73% \$	- 83	\$ 5.861 \$ 5.861 \$ 5.861	. 18.74% . 18.74%	\$ - \$ 45	\$ 59		0 18.74%
23 Public Authority/Govt 24 5/8" METER 25 1 INCH METER 21 11/2 INCH METER 27 2 INCH METER 28 29	\$ 1,88 \$ 1,12 \$ 4,60 \$ 10,38 \$ 17,99	7 \$ 42 1 \$ 15,29 2 \$ 75,65	4 \$ 86,037	1 \$ 41.94 3 \$ 83.96 7 \$ 134.24	4 \$ 4.876 5 4.876	\$	15.37 33.37 63.37 99.37	-8.35% \$ -20.43% \$ -24.47% \$ -25.97% \$	(230) (1,126)	\$ 4.936 \$ 4.936 \$ 4.936 \$ 4.936	1.23% 1.23%	\$ 5 \$ 188	\$ \$ \$	(97) \$ (225) \$ (938) \$ (,769) \$ (,029) \$	6,738 1,326 18,954 84,268 111,286	-1.41% -14.50% -4.72% -2.06% -2.65%	\$ 3	9.62 1 5.24 1	18.74% \$ 18.73% \$ 18.73% \$ 18.73% \$ \$	168 651	\$ 5.861 \$ 5.861 \$ 5.861	18.74% 18.74%	\$ 80 \$ 2,901	\$ 3,55 \$ 15,79	8 \$ 1,57 2 \$ 22,50 1 \$ 100,05	4 18.73% 6 18.74% 8 18.74%

Actual Revenues at Ten	np Rates in	cluding WICA	A, August 1, 2	22 through Feb	ruary 28, 2023		I			Temp to Perm	Recoupment Cal	culation, Augu	ıst 1, 2022 throug	h February 28, 2	023	Perm to Step Recoupment Calculation, August 1, 2022 through February 28, 2023				3					
A		В	С	D=B+C	E	F		G	H=G/E-1	I=H*B	J	K=J/F-1	L=K*C	M=I+L	N=D+M	O=M/D	P=G*1.1873	Q=P/G-1	R=Q*(B+I)	S=J*1.1873	T=S/J-1	U=T*(C+L)	V=R+U	W=N+V	X=V/U
Seasonal Customers	Servic	e Charge U	sage Charge	Total Charges at Temp Rates with WICA	Temp Svc Chr	g Temp Usage Rate with WICA		anent Svc rg Rate	% Rate Change	Surcharge (Credit) on Service Charge Temp to Perm	Permanent Usage Rate	% Rate Change	Surcharge (Credit) on Usage Charge Temp to Perm	Total Surcha (Credit) Temp to Per	at Perm Rat		Permanent Rate w Step	% Change vs. Perm	Surcharge (Credit) on Service Charge Perm to Step	Permanent Rate w Step	% Change vs. Perm	Surcharge (Credit) on Usage Charge Perm to Step	Total Surcharge (Credit) Perm to Step	Total Charges at Step Rates	
2 Residential 3 5/8" METER 4 1 INCH METER 5 2 INCH METER 6 7	\$ \$ \$	- \$ - \$ - \$	47,613 10,021 - 57,634	\$ 47,613 \$ 10,021 \$ - \$ 57,634	\$ 629.04 \$ 2,013.53	\$ 6.040	\$ \$ \$	183.37 454.57 1,443.37	-27.10% -27.74% -28.32%	\$ -	\$ 6.305 \$ 6.305 \$ 6.305	4.38%	\$ 439	\$ 2,0 \$ 4 \$ - \$ 2,5	9 \$ 10,4 \$ -	60 4.38%	\$ 217.7 \$ 539.7 \$ 1,713.7	1 18.739	6\$ -	\$ 7.486 \$ 7.486		\$ 1,959	\$ 9,309 \$ 1,959 \$ - \$ 11,268	\$ -	18.73%
8 <u>Commercial</u> 9 5/8" METER 10 1 INCH METER 11 2 INCH METER 12 13	\$ \$ \$	- \$ (629) \$ (2,013) \$ (2,642) \$	15,005 27,297 5,980 48,281	\$ 15,005 \$ 26,668 \$ 3,967 \$ 45,639	\$ 629.0 \$ 2,013.5	\$ 6.040	\$ \$ \$	183.37 454.57 1,443.37	-27.10% -27.74% -28.32%	\$ 174	\$ 6.305 \$ 6.305 \$ 6.305	4.38%	\$ 1,196	\$ 1,3	2 \$ 4,7	38 5.14% 99 20.98%	\$ 217.7 \$ 539.7 \$ 1,713.7	1 18.739	6 \$ (85)	\$ 7.486	18.73%	\$ 5,337	\$ 2,934 \$ 5,252 \$ 899 \$ 9,084	\$ 33,290 \$ 5,697	18.73% 18.73%
Public Authority/Govt	\$ \$ \$ \$	- \$ - \$ - \$ - \$	2,924 2,132 4,114 9,169 2,442,352	\$ 2,924 \$ 2,132 \$ 4,114 \$ 9,169 \$ 3,624,949	\$ 629.04	\$ 6.040	\$ \$ \$	183.37 454.57 1,443.37	-27.10% -27.74% -28.32%		\$ 6.305 \$ 6.305 \$ 6.305	4.38%	\$ 93	\$ \$ 1 \$ 4	8 \$ 3,0 3 \$ 2,2 0 \$ 4,2 2 \$ 9,5	26 4.38% 94 4.38% 71 4.38%	\$ 217.7 \$ 539.7 \$ 1,713.7	1 18.739	6\$ -	\$ 7.486 \$ 7.486	18.73%	\$ 417	\$ 417 \$ 804 \$ 1,793	\$ 2,643 \$ 5,098	18.73% 18.73% 18.73%

Actual Revenues at Temp Rates including WICA,	August 1, 2022 through February 28, 2023	Temp to Perm Recoupme	Temp to Perm Recoupment Calculation, August 1, 2022 through February 28, 2023						Perm to Step Recoupment Calculation, August 1, 2022 through February 28, 2023					
A B	C D=B+C E F	G H=G/E-1 I=H*B	J K=J/F-1 L=K*C	M=I+L N=D+M	O=M/D	P=G*1.1873	Q=P/G-1	R=Q*(B+I)	S=J*1.1873	T=S/J-1	U=T*(C+L)	V=R+U	W=N+V	X=V/U
Private Fire Charge	Total Charges at Temp Rates with WICA	Permanent Svc % Rate (Credit) Chrg Rate Change (Tremp to Perm		Total Surcharge (Credit) Total Charges at Perm Rates		Permanent Rate w Step	% Change vs. Perm	Surcharge (Credit) on Private Fire Perm to Step				Total Surcharge (Credit) Perm to Step	Total Charges at Step Rates	Recoupment as % of Total Charges at Perm Rates
2 Private Fire 3 3 1 inch or less \$ 30,159 4 4 inch \$ 34,847 5 6 inch \$ 172,009 7 12 inch \$ 5 13,417 8 \$ 288,916 9 10	\$ 30,159 \$ 39,52 \$ 34,847 \$ 67,34 \$ 172,009 \$ 160,65 \$ 38,482 \$ 285,65 \$ 13,417 \$ 630,78 \$ 288,916	\$ 35.32 -10.62% \$ (3.203) \$ 56.35 -16.32% \$ (5,686) \$ 140.46 -12.57% \$ (21,616) \$ 252.60 -11.57% \$ (4,452) \$ 560.99 -11.06% \$ (1,484) \$ (36,442)	-	\$ (3,203) \$ 26,956 \$ (5,686) \$ 29,161 \$ (21,616) \$ 150,394 \$ (4,452) \$ 34,030 \$ (1,484) \$ 11,935 \$ (36,442) \$ 252,474	1 -16.32% 1 -12.57% 0 -11.57% 3 -11.06%	\$ 41.94 \$ 66.90 \$ 166.77 \$ 299.91 \$ 666.06	18.74% 18.72% 18.73% 18.73% 18.73%	\$ 5,460 \$ 28,171 \$ 6,374				\$ 5,052 \$ 5,460 \$ 28,171 \$ 6,374 \$ 2,235 \$ 47,291	\$ 14,168	18.72% 18.73% 18.73% 18.73%
Public Fire Charge	Total Charges Temp Rate at Temp Rates with WICA	Permanent Svc % Rate Surcharge Chrg Rate Change (Credit)		Total Surcharge (Credit) Total Charges		Permanent Rate	% Change vs.	Surcharge (Credit) on				Total Surcharge (Credit)	Total Charges at Step Rates	Recoupment as % of Total Charges at
11	with WICA Per Hydrant	Temp to Perm		Temp to Perm at Perm Rates	Charges at Temp Rates	w Step	Perm	Public Fire Perm to Step				Perm to Step	at step nates	Perm Rates
112 Public Fire 13 TOWN OF HAMPTON \$ 255,383 14 TOWN OF NO HAMPTON \$ 139,385 15 JENNESS BCH PRECINCT \$ 39,290 16 RYE BEACH PRECINCT \$ 22,451 17 \$ 456,510		\$ 1,836.96 -1.82% \$ (4,638) \$ 1,836.96 -1.82% \$ (2,532) \$ 1,836.96 -1.82% \$ (714) \$ 1,836.96 -1.82% \$ (408) \$ (6,291)	-		Temp Rates 1 -1.82% 1 -1.82% 2 -1.82% 3 -1.82% 4 -1.82%	\$ 2,181.02 \$ 2,181.02 \$ 2,181.02 \$ 2,181.02		\$ 46,964 \$ 25,632 \$ 7,225					\$ 297,709 \$ 162,486 \$ 45,801 \$ 26,172	18.73% 18.73% 18.73% 18.73%

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Regular Customer Service Charge for Period Between August 1, 2022 and February 28, 2023

					Public
	Total	Residential	Commercial	Industrial	Authority/Govt
5/8" METER	217	217	-	-	-
5/8" X 3/4" METER	864,171	825,171	37,246	-	1,754
1 INCH METER	76,485	49,537	25,900	-	1,048
1 1/2 INCH METER	34,993	14,302	15,865	546	4,280
2 INCH METER	126,682	24,637	91,513	874	9,658
Not assigned	-	-	-	-	-
Total	1,102,548	913,864	170,524	1,420	16,740
check	1.98				

meter "Not assigned" = seasonal customers, service charges for seasonal customers have a different code

With 7.5% WICA surcharge, excluding seasonal customers

					Public
	Total	Residential	Commercial	Industrial	Authority/Govt
	1,185,239	982,404	183,313	1,527	17,996
che	ck -	-	-	-	-

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Regular Customer Usage Charge for Period Between August 1, 2022 and February 28, 2023

			Residential -	Residential -			Public
		Total	Single	Multi	Commercial	Industrial	Authority/Govt
5/8" METER		1,481,688	1,360,417	16,067	100,601	-	4,604
1 INCH METER		158,619	91,400	1,266	65,559	-	395
1 1/2 INCH METER		81,662	18,239	19,423	29,552	222	14,225
2 INCH METER		442,931	13,231	20,489	336,548	2,286	70,376
		2,164,900	1,483,288	57,244	532,260	2,508	89,600
	check	-					
With 7.5% WICA surcharge, excluding seasonal custon	ners	2,327,267	1,594,534	61,538	572,179	2,697	96,320
	che	eck -		-	-	-	-

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Seasonal Customer Service Charge for Period Between August 1, 2022 and February 28, 2023

	Total	Residential	Commercial	Commercial	Public Authority/Govt
NH Seasonal 5/8" Meter	-	-	-	=	-
NH Seasonal 1" Meter	(585)	-	(585)	-	-
NH Seasonal 2" Meter	(1,873)	-	(1,873)	-	-
	-				
	(2,458)		(2,458)		
	0.20		(2,430)		
With 7.5% WICA surcharge	(2,642)	-	(2,642)	-	-
	_				

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Seasonal Customer Usage Charge for Period Between August 1, 2022 and February 28, 2023

		Residential -	Residential -			Public
	Total	Single	Multi	Commercial	Industrial	Authority/Govt
NH Seasonal Service Charge 5/8" Meter	60,969	43,993	298	13,958	-	2,720
NH Seasonal Service Charge 1" Meter	36,698	9,322	-	25,392	-	1,984
NH Seasonal Service Charge 2" Meter	9,389	-	-	5,563	-	3,827
	107,056	53,315	298	44,913	-	8,530

With 7.5% WICA surcharge

115,085

check 0.00

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Private Fire Charge for Period Between August 1, 2022 and February 28, 2023

			o. of ays	No of Net Bills	Private Fire Charges
ZPVF<3	3 Inch or less		22,817	754	28,055
ZPVF4I	4 Inch		15,765	511	32,416
ZPVF6I	6 Inch		31,693	1,045	160,009
ZPVF8I	8 Inch		4,104	133	35,798
ZPVF12	12 Inch		648	21	12,481
			75,027	2,464	268,759
		Check	0	0	0

With 7.5% WICA surcharge		288,916
	check	0.00

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Public Fire Charge for Period Between August 1, 2022 and February 28, 2023

	Net Bills	Public Fire Charges
TOWN OF HAMPTON	1	237,566
TOWN OF NO HAMPTON	1	129,661
JENNESS BCH PRECINCT	1	36,549
RYE BEACH PRECINCT	1	20,885
		424,660

With 7.5% WICA surcharge 456,510

Check -