

**COMPUTATION OF REVENUE DEFICIENCY**

Aquarion Water Company of New Hampshire, Inc.  
Case No. DW 20-184

Test Year: Twelve Months Ended 12/31/19  
Schedule No. A  
Page 1 of 1

Line No.		Actual Test Year	Required Increase	Pro Forma	
1					
2	1 Rate Base	\$ 29,414,811		\$ 36,091,050	
3					
4	2 Rate of Return	6.60%		8.15%	
5					
6	3 Income Required [L1 x L2]	<u>\$ 1,942,413</u>	<u>\$ 999,729</u>	\$ 2,942,142	
7					
8	4 Adjusted net Operating Income at Present Rates			<u>1,940,736</u>	
9					
10					
11	5 Deficiency			<u>\$ 1,001,406</u>	
12					
13	6 Tax Effect*			<u>72.92%</u>	
14					
15	7 Revenue Deficiency [L5 / L6]			<u>\$ 1,373,351</u>	
16					
17	8 Revenues at Present Rates			<u>\$ 7,616,793</u>	
18					
19	9 Proposed Revenue Increase [L7 / L8]			<u>18.03%</u>	
20					
21					
22					
23					
24					
25	*Requested return of equity of 10.25%. A one percent change in requested equity return is equal to approximately \$259K in revenues calculated as follows:				
26					
27					
28					
29	Rate base			\$ 36,091,050	
30	Change in Equity (1% x 52.36%)			<u>0.5236%</u>	
31					
32	Change in Operating Income			\$ 188,973	
33	Conversion Factor			<u>1.371</u>	
34					
35	Change in revenue requested			<u>\$ 259,161</u>	
36					
37					
38					

**CONTENTS - FILING REQUIREMENT SCHEDULES**

Aquarion Water Company of New Hampshire, Inc.  
Case No. DW 20-184

Test Year: Twelve Months Ended 12/31/19  
Page 1 of 2

---

Line No.	Schedule	Description
1		
2	A	COMPUTATION OF REVENUE DEFICIENCY
3		
4		-----
5	1	STATEMENT OF NET INCOME/STATEMENT OF UTILITY OPERATING INCOME/QTRLY CUSTOMERS/CONSUMPTION
6		
7		<u>Adjustments to Pro Forma Utility Operating Income</u>
8		
9	1A	PRO FORMA REVENUES AT PRESENT & PROPOSED RATES
10		
11	1B	SUMMARY OF PRO FORMA ADJUSTMENTS TO O&M EXPENSE
12		
13	1C	SALARIES & WAGES
14		
15	1D	EMPLOYEE WELFARE
16		
17	1E	EMPLOYEE BONUS PROGRAM
18		
19	1F	LEGAL EXPENSE
20		
21	1G	CHEMICALS EXPENSE
22		
23	1H	PURCHASED POWER - ELECTRIC
24		
25	1I	BUILDING LEASE EXPENSE
26		
27	1J	CORPORATE INSURANCE
28		
29	1K	TAX CUT and JOBS ACT ("TCJA")
30		
31	1L	EXPERT FEES
32		
33	1M	CUSTOMER PROGRAMS
34		
35	1N	SHARED FACILITY COSTS
36		
37	1O	MANAGEMENT ALLOCATION
38		
39	1P	SHARED CUSTOMER SERVICE COSTS
40		
41	1Q	SHARED TECHNOLOGY COSTS
42		
43	1R	DEPRECIATION EXPENSE
44		
45	1S	PAYROLL TAXES
46		
47	1T	PROPERTY TAX EXPENSE
48		
49	1U	INTEREST EXPENSE
50		
51	1V	STATE INCOME TAXES
52		
53	1W	FEDERAL INCOME TAXES
54		
55	1X	EVERSOURCE AQUARION MERGER COSTS RECOVERY

---

**CONTENTS - FILING REQUIREMENT SCHEDULES**

**Aquarion Water Company of New Hampshire, Inc.**  
**Case No. DW 20-184**

**Test Year: Twelve Months Ended 12/31/19**  
**Page 2 of 2**

Line No.	Schedule	Description
1		
2	2	COMPARATIVE BALANCE SHEET
3		
4	2A	COMPARATIVE BALANCE SHEET - 13 MONTHS
5		
6	2B	UTILITY PLANT
7		
8	2C	PROPERTY HELD FOR FUTURE USE
9		
10	2D	ACCUMULATED DEPRECIATION
11		
12	2E	MATERIALS & SUPPLIES
13		
14	2F	DEFERRED TAXES
15		
16	2G	DEFERRED DEBITS
17		
18	2H	CONTRIBUTIONS IN AID OF CONSTRUCTION (CIAC)
19		
20		
21	3	RATE BASE
22		
23	3A	UTILITY PLANT IN SERVICE
24		
25	3B	RATE BASE ADDITIONS
26		
27	3C	RATE BASE DEDUCTIONS
28		
29	3D	WORKING CAPITAL
30		
31		
32	4	OVERALL RATE OF RETURN
33		
34	4A	CAPITAL STRUCTURE FOR RATEMAKING PURPOSES
35		
36	4B	HISTORICAL CAPITAL STRUCTURE
37		
38	4C	CAPITALIZATION RATIOS
39		
40	4D	WEIGHTED AVERAGE COST OF LONG TERM DEBT
41		
42	4E	WEIGHTED AVERAGE COST OF SHORT TERM DEBT
43		
44	4F	WEIGHTED AVERAGE COST OF PREFERRED STOCK
45		
46		
47	5A	BILL ANALYSIS - TOTAL METERED
48		
49	5B	BILL ANALYSIS - RESIDENTIAL
50		
51	5C	BILL ANALYSIS - COMMERCIAL
52		
53	5D	BILL ANALYSIS - INDUSTRIAL
54		
55	5E	BILL ANALYSIS - PUBLIC AUTHORITY
56		
57	5F	BILL ANALYSIS - SEASONAL
58		
59	5G	BILL ANALYSIS - PUBLIC FIRE SERVICE
60		
61	5H	BILL ANALYSIS - PRIVATE FIRE SERVICE
62		
63	5I	BILL ANALYSIS - MISCELLANEOUS REVENUES
64		
65		
66	6	STEP ADJUSTMENTS

**STATEMENT OF NET INCOME**

**Aquarion Water Company of New Hampshire, Inc.**  
**Case No. DW 20-184**

**Test Year: Twelve Months Ended 12/31/19**  
**Schedule No. 1**  
**Page 1 of 3**

Line No.	Account Description	12 Mos. 12/31/2017	12 Mos. 12/31/2018	12 Mos. 12/31/2019	Pro Forma Adjustments	Supp. Sched.	Pro Forma 12/31/2019	Proposed Increase	Proposed 12/31/2019
1									
2	Operating Revenues:								
3	Revenues - Water	\$ 7,329,545	\$ 7,297,419	\$ 7,023,197	\$ 371,669	A	\$ 7,394,866	\$ 1,367,613	\$ 8,762,478
4	Revenues - Other	215,107	200,336	203,316	18,611	A	221,927	5,738	227,665
5	Net Operating Revenues	\$ 7,544,652	\$ 7,497,755	\$ 7,226,513	\$ 390,280		\$ 7,616,793	\$ 1,373,351	\$ 8,990,143
6									
7	Operating Expenses								
8	Source of Supply	\$ 157,750	\$ 143,293	\$ 133,637	\$ 1,332	B	\$ 134,969		\$ 134,969
9	Pumping	344,853	408,588	394,142	29,662	B	423,804		423,804
10	Treatment	150,086	186,828	171,854	19,943	B	191,797		191,797
11	Transmission & Distribution	371,554	479,797	529,529	22,294	B	551,823		551,823
12	Customer Accounting	150,234	144,757	376,031	22,802	B	398,833		398,833
13	Information Technology	243,778	253,929	263,000	(80,662)	B	182,338		182,338
14	Administrative & General	1,616,708	1,415,072	1,477,847	(80,270)	B	1,397,577		1,397,577
15		\$ 3,034,963	\$ 3,032,264	\$ 3,346,041	\$ (64,900)		\$ 3,281,140	\$ -	\$ 3,281,140
16									
17	Depreciation	\$ 983,736	\$ 968,602	\$ 1,024,230	\$ 286,177	R	\$ 1,310,407		\$ 1,310,407
18	Taxes Other	763,133	765,273	753,018	195,674	S,T	948,692		948,692
19		\$ 1,746,869	\$ 1,733,875	\$ 1,777,248	\$ 481,851		\$ 2,259,099		\$ 2,259,099
20									
21	Total Operating expenses	\$ 4,781,832	\$ 4,766,139	\$ 5,123,289	\$ 416,951		\$ 5,540,239	\$ -	\$ 5,540,239
22									
23	Operating Income	\$ 2,762,820	\$ 2,731,616	\$ 2,103,224	\$ (26,671)		\$ 2,076,554	\$ 1,373,351	\$ 3,449,904
24									
25	Other income & Expense	(148,159)	(127,222)	(74,449)	106	B	(74,343)		(74,343)
26	AFUDC	-	-	-			-		-
27									
28	PBIT	\$ 2,910,979	\$ 2,858,838	\$ 2,177,673	\$ (26,777)		\$ 2,150,897	\$ 1,373,351	\$ 3,524,247
29									
30	Interest Expense	\$ 841,330	\$ 842,412	\$ 867,508	\$ 14,387	U	\$ 881,895		\$ 881,895
31	Current Income Tax - State	119,005	117,887	24,990	(3,170)	V	21,820	105,748	127,568
32	Current Income Tax - Federal	329,576	277,919	99,289	(21,932)	W	77,357	266,197	343,554
33	Deferred Income Tax - State	23,776	332	29,366			29,366		29,366
34	Deferred Income Tax - Federal	255,372	140,333	62,909			62,909		62,909
35									
36	Net Income	\$ 1,341,920	\$ 1,479,955	\$ 1,093,611	\$ (16,063)		\$ 1,077,549	\$ 1,001,406	\$ 2,078,955
37									
38	Utility Operating Income	\$ 2,162,110	\$ 2,290,998	\$ 1,942,413	\$ (1,676)		\$ 1,940,736	\$ 1,001,406	\$ 2,942,142
39	(see page 2 for calculation)								
40									

**STATEMENT OF UTILITY OPERATING INCOME**

**Aquarion Water Company of New Hampshire, Inc.**  
**Case No. DW 20-184**

**Test Year: Twelve Months Ended 12/31/19**  
**Schedule No. 1**  
**Page 2 of 3**

Line No.	Account Description	12 Mos. 12/31/2017	12 Mos. 12/31/2018	12 Mos. 12/31/2019	Pro Forma Adjustments	Supp. Sched.	Pro Forma 12/31/2019	Proposed Increase	Proposed 12/31/2019
1									
2	Operating Revenues:								
3	Revenues - Water	\$ 7,329,545	\$ 7,297,419	\$ 7,023,197	\$ 371,669	A	\$ 7,394,866	\$ 1,367,613	\$ 8,762,478
4	Revenues - Other	215,107	200,336	203,316	18,611	A	221,927	5,738	227,665
5	Net Operating Revenues	\$ 7,544,652	\$ 7,497,755	\$ 7,226,513	\$ 390,280		\$ 7,616,793	\$ 1,373,351	\$ 8,990,143
6									
7	Operating Expenses								
8	Source of Supply	\$ 157,750	\$ 143,293	\$ 133,637	\$ 1,332	B	\$ 134,969		\$ 134,969
9	Pumping	344,853	408,588	394,142	29,662	B	423,804		423,804
10	Treatment	150,086	186,828	171,854	19,943	B	191,797		191,797
11	Transmission & Distribution	371,554	479,797	529,529	22,294	B	551,823		551,823
12	Customer Accounting	150,234	144,757	376,031	22,802	B	398,833		398,833
13	Information Technology	243,778	253,929	263,000	(80,662)	B	182,338		182,338
14	Administrative & General	1,616,708	1,415,072	1,477,847	(80,270)	B	1,397,577		1,397,577
15		\$ 3,034,963	\$ 3,032,264	\$ 3,346,040	\$ (64,900)		\$ 3,281,140	\$ -	\$ 3,281,140
16									
17	Depreciation	\$ 983,736	\$ 968,602	\$ 1,024,230	\$ 286,177	R	\$ 1,310,407		\$ 1,310,407
18	Taxes Other	763,133	765,273	753,018	195,674	S,T	948,692		948,692
19		\$ 1,746,869	\$ 1,733,875	\$ 1,777,248	\$ 481,851		\$ 2,259,099		\$ 2,259,099
20									
21	Total Operating expenses	\$ 4,781,832	\$ 4,766,139	\$ 5,123,288	\$ 416,951		\$ 5,540,239	\$ -	\$ 5,540,239
22									
23	Operating Income	\$ 2,762,820	\$ 2,731,616	\$ 2,103,225	\$ (26,671)		\$ 2,076,554	\$ 1,373,351	\$ 3,449,904
24									
25	Other income & Expense	(112,926)	(84,108)	(48,792)	106	B	(48,686)	-	(48,686)
26									
27									
28	PBIT	\$ 2,875,746	\$ 2,815,724	\$ 2,152,017	\$ (26,777)		\$ 2,125,240	\$ 1,373,351	\$ 3,498,590
29									
30	Current Income Tax - State	\$ 119,005	\$ 117,887	\$ 24,990	\$ (3,170)	V	\$ 21,820	\$ 105,748	\$ 127,568
31	Current Income Tax - Federal	329,576	277,919	99,289	(21,932)	W	77,357	266,197	343,554
32	Deferred Income Tax - State	23,776	332	29,366			29,366		29,366
33	Deferred Income Tax - Federal	255,372	140,333	62,909			62,909		62,909
34	Income Tax Allocated to Non-Utility Inc/Exp	(14,093)	(11,745)	(6,948)	-		(6,949)	-	(6,949)
35									
36	Utility Operating Income	\$ 2,162,110	\$ 2,290,998	\$ 1,942,411	\$ (1,676)		\$ 1,940,736	\$ 1,001,406	\$ 2,942,142
37									
38									
39									
40									

**QUARTERLY CONSUMPTION & CUSTOMERS FOR TEST YEAR**

Aquarion Water Company of New Hampshire, Inc.  
Case No. DW 20-184

Test Year: Twelve Months Ended 12/31/19  
Schedule No. 1  
Page 3 of 3

Line No.		Q1 2019	Q2 2019	Q3 2019	Q4 2019	Full Year 2019
1						
2	<u>Consumption (KG)</u>					
3						
4	Residential	74,495	88,647	155,256	90,817	409,215
5	Commercial	28,654	34,506	61,253	34,633	159,046
6	Industrial	1,109	39	22	14	1,184
7	Public Authority	2,582	3,390	5,274	2,909	14,155
8						
9	Total	<u>106,840</u>	<u>126,582</u>	<u>221,805</u>	<u>128,373</u>	<u>583,600</u>
10						
11						
12						
13						
14	<u>Customers</u>					
15						
16	Residential	8,498	8,511	8,518	8,519	
17	Commercial	746	747	749	749	
18	Industrial	202	202	202	199	
19	Public Authority	71	72	72	74	
20						
21	Total	<u>9,517</u>	<u>9,532</u>	<u>9,541</u>	<u>9,541</u>	
22						
23						
24						
25						
26						
27						
28						
29						
30						

**PRO FORMA REVENUES AT PRESENT & PROPOSED RATES**

**Aquarion Water Company of New Hampshire, Inc.  
Case No. DW 20-184**

**Test Year: Twelve Months Ended 12/31/19  
Schedule No. 1A  
Page 1 of 2**

Line No.	Per Books Year Ended 12/31/2019	Pro Forma at Present Rates		Pro Forma at Proposed Rates		
		Adjustment	Total	Adjustment	Total	
1						
2	Metered Sales to General Customers					
3	Monthly Billing					
4	Residential	\$ 3,975,264	\$ 226,822	\$ 4,202,086	\$ 860,069	\$ 5,062,155
5	Commercial	1,195,462	\$68,390	1,263,852	156,799	1,420,651
6	Industrial	8,872	\$278	9,150	710	9,860
7	Other Public Authority	107,240	\$5,026	112,266	14,811	127,077
8						
9	Seasonal Billing					
10	Residential	272,021	\$1,614	273,634	49,901	323,535
11	Commercial	125,661	745	126,406	23,954	150,361
12	Public Authority	23,952	142	24,094	3,624	27,717
13						
14	Total Metered Sales	<u>\$ 5,708,472</u>	<u>\$ 303,017</u>	<u>\$ 6,011,489</u>	<u>\$ 1,109,867</u>	<u>\$ 7,121,356</u>
15						
16	Private Fire (Unmetered Sales)	\$ 442,802	\$ 14,459	\$ 457,261	\$ 51,416	\$ 508,677
17	Public Fire	871,923	54,193	926,116	205,761	1,131,877
18						
19	Total Water Revenue	<u>\$ 7,023,197</u>	<u>\$ 371,669</u>	<u>\$ 7,394,866</u>	<u>\$ 1,367,044</u>	<u>\$ 8,761,910</u>
20						
21	Other Water Revenues					
22	Late Payment Fees	\$ 29,467	\$ 1,560	\$ 31,027	\$ 5,738	\$ 36,765
23	Antenna Rental Income	146,460	17,051	163,511	-	163,511
24	Miscellaneous Operating Revenue	27,389	-	27,389	-	27,389
25						
26	Total Other Water Revenues	<u>\$ 203,316</u>	<u>\$ 18,611</u>	<u>\$ 221,927</u>	<u>\$ 5,738</u>	<u>\$ 227,665</u>
27						
28	Adj. for rate design				\$ 568	\$ 568
29						
30	Total Operating Revenue	<u>\$ 7,226,513</u>	<u>\$ 390,280</u>	<u>\$ 7,616,793</u>	<u>\$ 1,373,351</u>	<u>\$ 8,990,143</u>
31						
32						
33						
34						
35						

**PRO FORMA REVENUES AT PRESENT & PROPOSED RATES - ADJUSTMENT DETAIL**

Aquarion Water Company of New Hampshire, Inc.  
Case No. DW 20-184

Test Year: Twelve Months Ended 12/31/19  
Schedule No. 1A  
Page 2 of 2

Line No.		Unbilled Elimination	WICA Adjustment	MISC	Total Adjustments
1					
2	Metered Sales to General Customers				
3	Quarterly and Monthly Billing				
4	Residential	\$ 29,740 (1)	\$ 24,779 (2)	\$ 172,303 (3)	\$226,822
5	Commercial	2,282 (1)	7,453 (2)	58,656 (3)	\$68,390
6	Industrial	2,033 (1)	54 (2)	(1,809) (3)	\$278
7	Other Public Authority	582 (1)	662 (2)	3,782 (3)	\$5,026
8					
9	Seasonal Billing				
10	Residential		1,614 (2)	-	1,614
11	Commercial		745 (2)	-	745
12	Public Authority		142 (2)	-	142
13					
14	Total Metered Sales	<u>\$ 34,637</u>	<u>\$ 35,448</u>	<u>\$ 232,932</u>	<u>\$ 303,017</u>
15					
16	Private Fire (Unmetered Sales)		\$ 2,696 (2)	\$ 11,763 (3)	\$ 14,459
17	Public Fire		5,461 (2)	48,732 (3)	54,193
18					
19	Total Water Revenue	<u>\$ 34,637</u>	<u>\$ 43,606</u>	<u>\$ 293,426</u>	<u>\$ 371,669</u>
20					
21	Other Water Revenues				
22	Late Payment Fees			\$ 1,560 (4)	\$ 1,560
23	Antenna Rental Income			17,051 (5)	17,051
24	Miscellaneous Operating Revenue				-
25					
26	Total Other Water Revenues	<u>\$ -</u>	<u>\$ -</u>	<u>\$ 18,611</u>	<u>\$ 18,611</u>
27					
28	Total Operating Revenue	<u>\$ 34,637</u>	<u>\$ 43,606</u>	<u>\$ 312,037</u>	<u>\$ 390,280</u>
29					
30					
31	(1)	Eliminates impact of net change between beginning and ending unbilled revenues.			
32	(2)	Adjusts for WICA rates in effect 01/01/2020.			
33	(3)	Reflects variance between billing analysis and billed revenues.			
34	(4)	Adjusts late payment fees for changes to pro forma revenues.			
35	(5)	Adjusts antenna rental income for known increases.			
36					
37					
38					
39					
40					

**SUMMARY OF PRO FORMA ADJUSTMENTS TO O&M EXPENSE**

**Aquarion Water Company of New Hampshire, Inc.**  
**Case No. DW 20-184**

**Test Year: Twelve Months Ended 12/31/19**  
**Schedule No. 1B**  
**Page 1 of 1**

Line No.	Adjustment Title	Detail on Schedule	Source of Supply	Pumping	Treatment	Transmission & Distribution	Customer Accounting	Information Technology	Administrative & General	Other Income	Total Amount
1											
2	Salaries and Wages	C	\$ 1,332	\$ 13,007	\$ 2,640	\$ 22,294	\$ 1,466		\$ 29,345	\$ 106	\$ 70,190
3											
4	Employee Welfare Expenses	D							20,826		20,826
5											
6	Employee Bonus Program	E							2,454		2,454
7											
12	Legal Expense	F							4,101		4,101
13											
14	Chemical Costs	G			17,303						17,303
15											
16	Purchased Power - Electric	H		16,655					667		17,322
17											
18	Building Lease	I							3,986		3,986
19											
20	Corporate Insurance	J							(49,672)		(49,672)
21											
22	Tax Cut and Jobs Act	K							(143,534)		(143,534)
23											
24	Rate Case Studies	L							27,151		27,151
25											
26	Customer Programs	M					23,886				23,886
27											
28	Shared Facility Costs	N							(3,093)		(3,093)
29											
30	Management Allocation	O							2,531		2,531
31											
32	Shared Customer Service Costs	P					(2,550)				(2,550)
33											
34	Shared Technology Costs	Q						(80,662)			(80,662)
35											
36	Eversource Aquarion merger cost recovery	X							24,967		24,967
37											
38	Total Proforma Adjustments at present Rates		\$ 1,332	\$ 29,662	\$ 19,943	\$ 22,294	\$ 22,802	\$ (80,662)	\$ (80,270)	\$ 106	\$ (64,794)
39											

SALARIES & WAGES

Aquarion Water Company of New Hampshire, Inc.  
Case No. DW 20-184

Test Year: Twelve Months Ended 12/31/19  
Schedule No. 1C  
Page 1 of 1

Line No.	SUMMARY	ACCOUNT DISTRIBUTION								
		Source of Supply	Pumping	Treatment	Transmission & Distribution	Customer Accounting	Administrative & General	Other Income	Other Cos/ Capital	Total
1										
2		<b>Basic Wages</b>								
3	<b>AWC of New Hampshire Employees</b>									
4										
5	Exempt - Non Union (1 F/T employees) (Wages at 4/01/2020)	\$ 128,141								
6	Non- Exempt Non-Union Wages (2 F/T, 1 P/T employees)(Wages at 4/01/2020)	132,170								
7	Annual Pay increase 4/1/2021	7,809								
8	Union Employees (7 employees w/salaries effective 12/1/2020)	505,385								
9	Wage Increase effective 12/01/2021 per Union Contract (3.0%)	15,162								
10	Base Wages	\$ 788,667								
11	Standby, OT, Shift Differential wages incurred during test year	78,158								
12	Wage Increase applied to Standby, OT, Shift Differential ( 3.0% for 2020 and 2021)	4,760								
13	Pro Forma Wages	\$ 871,585	\$ 16,597	\$ 161,380	\$ 26,237	\$ 264,547	\$ 18,267	\$ 288,235	\$ 1,321	\$ 95,003
14	Percent Charged to Expense in test year	89.1% <sup>1</sup>								
15	Pro Forma Wages Charged to Expense	\$ 776,582								
16										
17	Test Year Gross Wages	\$ 801,986	15,265	148,426	24,131	243,312	16,800	265,098	1,215	87,739
18		89.1%								
19	Test Year Wages charged to Expense	714,247								
20	Pro Forma Adjustment	\$ 62,335 (A)	\$ 1,332	\$ 12,954	\$ 2,106	\$ 21,235	\$ 1,466	\$ 23,136	\$ 106	\$ 62,335
21										
22										
23										
24	<b>Svc Co.: Test Year Wages to AWC-NH</b>									
25										
26										
27	Service Company Test Year Wages	\$ 175,218	\$ 871	\$ 8,765	\$ 17,389		\$ 101,955		\$ 46,237	\$ 175,218
28	Service Company Test Year Wages Charged to Expense	\$ 128,981								
29										
30										
31	Adjustment to Svc.Co. Wages to reflect April 1, 2020 and April 1, 2021 annual Pay Increase (3%)	\$ 7,855 (B)	\$ -	\$ 53	\$ 534	\$ 1,059	\$ -	\$ 6,209	\$ -	\$ 7,855
32										
33										
34										
35										
36	<b>Total Pro Forma Wage Adjustment</b>	\$ 70,190 (A + B)	\$ 1,332	\$ 13,007	\$ 2,640	\$ 22,294	\$ 1,466	\$ 29,345	\$ 106	\$ 70,190
37										
38										
39	<sup>1</sup> Calculation refer to Standard Filing Requirements, Response 26.									
40										

**EMPLOYEE WELFARE**

Aquarion Water Company of New Hampshire, Inc.  
Case No. DW 20-184

Test Year: Twelve Months Ended 12/31/19  
Schedule No. 1D  
Page 1 of 1

Line No.		Pro Forma	Test Year	Adjustment
1				
2	<b><u>Employee Medical Costs</u></b>			
3				
4	Tufts Medical - (\$22,498 per mo. for 10 F/T employees * 12 mo.)	\$ 269,976		
5				
6	CIGNA - Dental (10 EE@ \$1,097 PER EE)	10,970		
7	Employee Contribution	(43,351)		
8	Total Medical Cost	\$ 237,595	\$ 220,900	
9	% to Expense	89.1% <sup>1</sup>	89.1%	
10	Total medical Expense	\$ 211,697	\$ 196,822	\$ 14,875
11				
12	<b><u>401K</u></b>			
13	401K Costs	\$ 54,945	\$ 53,345	
14	% to Expense	89.1% <sup>1</sup>	89.1%	
15	401K Expense	\$ 48,956	\$ 47,530	\$ 1,426
16				
17	<b><u>Auto Allowance</u></b>			
18	Auto Allowance	\$ 6,000	\$ 6,000	
19	% to Expense	89.1% <sup>1</sup>	89.1%	
20	Auto Allowance Expense	\$ 5,346	\$ 5,346	\$ -
21				
22	<b><u>Life Insurance</u></b>			
23	2X Base Wages Eligible for Life Insurance	\$ 1,577,334		
24	Cost of \$.162 per \$1,000 of wages X 12 months	0.00194		
25	Life Insurance Cost	\$ 3,066	\$ 1,789	
26	% to Expense	89.1% <sup>1</sup>	89.1%	
27	Life Insurance Expense	\$ 2,732	\$ 1,594	\$ 1,138
28				
29	<b><u>Long Term Disability</u></b>			
30	Wages Eligible for Long Term Disability	\$ 788,667		
31	Cost of \$.37 per \$100 of wages	0.00370		
32	Long Term Disability	\$ 2,918	\$ 1,631	
33	% to Expense	89.1% <sup>1</sup>	89.1%	
34	Long Term Disability Expense	\$ 2,600	\$ 1,453	\$ 1,147
35				
36	<b>NH Employees Pro Forma Employee Welfare Adjustment</b>			<b>\$ 18,585</b>
37				
38				
39				
40	<b><u>Service Company Benefits</u></b>			
41	Pro Forma Wages to Expense (sch C)	\$ 136,836		
42	Customer service labor to expense (sch P)	86,832		
43	IT labor to expense (Sch Q)	53,381		
44		\$ 277,049		
45				
46	Benefits Overhead Rate	52%		
47	Service Company Labor Benefits	\$ 144,065	\$ 141,824	\$ 2,241
48				
49	<b>Total Pro Forma Employee Welfare Adjustment</b>			<b>\$ 20,826</b>
50				
51				
52				
53				

<sup>1</sup>Calculation refer to Standard Filing Requirements, Response 26.

**Employee Bonus Program**

**Aquarion Water Company of New Hampshire, Inc.  
Case No. DW 20-184**

**Test Year: Twelve Months Ended 12/31/19  
Schedule No. 1E  
Page 1 of 1**

---

Line			
No.			
1			
2	Officer	\$	10,781
3	Exempt - Non-Union		5,481
4	Non-Exempt - Non-Union		<u>1,192</u>
5			
6		\$	17,454
7	Percent to Expense		<u>89.1%</u>
8			
9	Pro forma Bonus	\$	15,551
10			
11	Test Year Bonus Charged to Expense		13,097
12			
13	Total Pro Forma Bonus Adjustment	\$	<u><u>2,454</u></u>
14			
15			
16			
17			
18			
19			
20			
21			
22			
23			
24			
25			
26			
27			
28			
29			
30			
31			
32			
33			
34			
35			
36			
37			
38			
39			
40			

**LEGAL EXPENSE**

**Aquarion Water Company of New Hampshire, Inc.  
Case No. DW 20-184**

**Test Year: Twelve Months Ended 12/31/19  
Schedule No. 1F  
Page 1 of 1**

Line No.	Description	Pro Forma Expense
1		
2	Pro Forma Expenses:	
3	NH WICA Legal Expense	\$ 9,680
4	General Legal Expenses 2019	27,776
5	Subtotal	<u>\$ 37,456</u>
6		
7	Test Year	33,355
8		
9	Pro Forma Adjustment	<u>\$ 4,101</u>
10		
11		
12		
13		
14		
15		
16		
17		
18		
19		
20		
21		
22		
23		
24		
25		
26		
27		
28		
29		
30		
31		
32		
33		
34		
35		
36		
37		
38		
39		
40		

**CHEMICALS EXPENSE**

Aquarion Water Company of New Hampshire, Inc.  
Case No. DW 20-184

Test Year: Twelve Months Ended 12/31/19  
Schedule No. 1G  
Page 1 of 1

Line No.	Chemical	Units	Current Invoiced Price	Test Yr Qty	Pro Forma Qty	Pro Forma Expense
1						
2						
3	Sodium Hypochlorite	gallons	\$ 2.7750	6,742	6,972	\$ 19,347
4	Sodium Hexametaphosphate	pound	1.1000	11,827	5,064	5,570
5	Sodium Hydroxide	gallons	1.6097	4,803	8,561	13,780
6	Blended orthophosphate	pound	0.4800		39,420	18,922
7						
8						
9						
10						
11					Pro Forma Expense	<u>\$ 57,619</u>
12					Test year Expense	\$ 40,317
13						
14						
15					Pro Forma Expense	<u>\$ 17,303</u>
16						
17						
18						
19						
20						
21						
22						
23						
24						
25						
26						
27						
28						
29						
30						
31						
32						
33						
34						
35						
36						
37						
38						
39						
40						

PURCHASED POWER - ELECTRIC

Aquarion Water Company of New Hampshire, Inc.  
Case No. DW 20-184

Test Year: Twelve Months Ended 12/31/19  
Schedule No. 1H  
Page 1 of 1

Line No.	Test Year Usage		Customer Charge	Demand Charge	Distribution/ External Delivery Charge	Storm Recovery Adjustment	Stranded Cost Charge	System Benefit Charge	Supplier (Nextera) (\$0.16/kWh)	Supplier (EPA) (\$0.07902/kWh)	Pro Forma Unitil Expense	
1												
2												
3												
4												
5	Billings	KWH	Demand	(\$29.19/month)	(\$10.46/kW)	(\$0.03597/kWh)	(\$0.00084/kWh)	(\$0.00005/kWh)	(\$0.00752/kWh)	(\$0.05874/kWh)	(\$0.07902/kWh)	
6												
7	<b>Unitil</b>											
8												
9	7 Scott Road, Hampton	48,560	202.10	350.28	2,113.97	1,746.70	40.79	(2.43)	365.17	2,852.41		7,466.90
10	321 Mill Rd Water Tower, Hampton	26,056	156.90	350.28	1,641.17	937.23	21.89	(1.30)	195.94	1,530.53		4,675.74
11	Bonnie Ln Ryder Well, Hampton	101,625	436.80	350.28	4,568.93	3,655.45	85.37	(5.08)	764.22		8,030.41	17,449.57
12	173 Winnicutt Road Rear Pump, Stratham	89,981	134.40	350.28	1,405.82	3,236.62	75.58	(4.50)	676.66			7,110.30
13	Sicard St Well, Hampton	124,600	324.00	350.28	3,389.04	4,481.86	104.66	(6.23)	936.99		9,845.89	19,102.50
14	321 Mill Rd Gate, Hampton	1,508	23.10	350.28	241.63	54.24	1.27	(0.08)	11.34	241.28		899.96
15	Tide Mill Rd, Hampton	2,613	12.90	350.28	134.93	93.99	2.19	(0.13)	19.65	418.08		1,019.00
16	321 Mill Rd, Hampton	38,632	132.60	350.28	1,387.00	1,389.59	32.45	(1.93)	290.51		3,052.70	6,500.60
17	Whites Ln Scam Well, Hampton	155,750	297.60	350.28	3,112.90	5,602.33	130.83	(7.79)	1,171.24		12,307.37	22,667.15
18	321 Mill Rd Pump, Hampton	124,547	276.70	350.28	2,894.28	4,479.96	104.62	(6.23)	936.59		9,841.70	18,601.21
19	321 Mill Rd Whit FLD, Hampton	38,174	162.60	350.28	1,700.80	1,373.12	32.07	(1.91)	287.07		3,016.51	6,757.93
20	Exeter Rd, Hampton	5,895	20.00	350.28	209.20	212.04	4.95	(0.29)	44.33	943.20		1,763.71
21	Church St, Hampton	609	12.20	350.28	127.61	21.91	0.51	(0.03)	4.58	97.44		602.30
22	1 Kings Highway A, Hampton	859	16.57	350.28	173.32	30.90	0.72	(0.04)	6.46	137.44		699.08
23		759,409	2,208.47	\$ 4,903.92	\$ 23,100.60	\$ 27,315.94	\$ 637.90	\$ (37.97)	\$ 5,710.76	\$ 6,220.38	\$ 53,204.88	\$ 121,056.41
24				Customer Charge	Demand Distribution	Demand Transmission	Demand Recovery	Distribution Charge First 500	Distribution Charge Next 1,000	Distribution Charge Remainder	Transmission Charge First 500	Transmission Charge Next 1,000
25	Billings	KWH	Demand	(\$32.39/month)	(\$10.49/kW)	(\$7.77/kW)	(\$0.69/kW)	(0.02805/kWh)	(\$0.02268/kWh)	(\$0.01709/kWh)	(0.02807/kWh)	(\$0.01056/kWh)
26												
27	<b>PSNH</b>											
28												
29												
30	32 Winnicutt Road, North Hampton	93,149	238.60	388.68	2,502.91	1,853.92	\$ 164.63	14.03	22.68	1,566.28	14.04	10.56
31	32 Winnicutt Road, North Hampton	188,560	346.20	388.68	3,631.64	2,689.97	\$ 238.88	14.03	22.68	3,196.86	14.04	10.56
32	Lovering Road, North Hampton	143,600	316.60	388.68	3,321.13	2,459.98	\$ 218.45	14.03	22.68	2,428.49	14.04	10.56
33	476 Central Avenue, Rye	50,600	215.40	388.68	2,259.55	1,673.66	\$ 148.63	14.03	22.68	839.12	14.04	10.56
34	476 Central Avenue, Rye	962		188.16	-	-	\$ -				19.80	
35	Exeter Road	19,727	179.00	388.68	1,877.71	1,390.83	\$ 123.51	14.03	22.68	311.50	14.04	10.56
36	40 Winnicutt Road, North Hampton	119,807	229.00	388.68	2,402.21	1,779.33	\$ 158.01	14.03	22.68	2,021.87	14.04	10.56
37	Maple Road	10,238	20.80	388.68	218.19	161.62	\$ 14.35	14.03	22.68	149.33	14.04	10.56
38	Willow Avenues	7,736	20.60	388.68	216.09	160.06	\$ 14.21	14.03	22.68	106.57	14.04	10.56
39	32 Winnicutt Road, North Hampton	546		188.16	-	-	\$ -				11.23	
40	40 Winnicutt Road, North Hampton	546		188.16	-	-	\$ -				11.23	
41		635,470	1,566.20	\$ 3,673.92	\$ 16,429.44	\$ 12,169.37	\$ 1,080.68	\$ 112.20	\$ 181.44	\$ 10,620.02	\$ 154.53	\$ 84.48
42		Transmission Charge Remainder	Demand Recov	Supplier (Nextera)	Supplier (EDF)	Pro Forma PSNH Expense						
43		(\$0.00566/kWh)	(\$0.00732/kW)	(\$0.16/kWh)	(\$0.07902/kWh)							
44												
45	<b>PSNH</b>											
46												
47												
48												
49	32 Winnicutt Road, North Hampton	518.73	681.85	14,903.84			\$ 22,642.16					
50	32 Winnicutt Road, North Hampton	1,058.76	1,380.26		14,900.01		\$ 27,546.36					
51	Lovering Road, North Hampton	804.29	1,051.15		11,347.27		\$ 22,080.75					
52	476 Central Avenue, Rye	277.91	370.39		3,998.41		\$ 10,017.64					
53	476 Central Avenue, Rye		9.18	153.92			\$ 371.06					
54	Exeter Road	103.16	144.40		1,558.83		\$ 5,959.92					
55	40 Winnicutt Road, North Hampton	669.62	876.99		9,467.15		\$ 17,825.15					
56	Maple Road	49.46	74.94		809.01		\$ 1,926.88					
57	Willow Avenues	35.30	56.63	1,237.76			\$ 2,276.61					
58	32 Winnicutt Road, North Hampton		5.21	87.30			\$ 291.89					
59	40 Winnicutt Road, North Hampton		5.21	87.30			\$ 291.89					
60		\$ 3,517.22	\$ 4,656.20	\$ 16,470.11	\$ 42,080.68		\$ 111,230.00					
61												
62												
63												
64												
65	Total Pro Forma Expense [line 23 + line 63]											\$ 232,286
66												
67	Total Power Expense per Books											\$ 214,964
68												
69	Total Pro Forma Adjustment											\$ 17,322

BUILDING LEASE EXPENSE

Aquarion Water Company of New Hampshire, Inc.  
Case No. DW 20-184

Test Year: Twelve Months Ended 12/31/19  
Schedule No. 11  
Page 1 of 1

---

Line No.		
1		
2		
3	Current Lease Expense	\$ 107,454
4		
5	Test Year Expense	103,467
6		
7		
8	Proforma Adjustment	<u>\$ 3,986</u>
9		
10		
11		
12		
13		
14		
15		
16		
17		
18		
19		
20		
21		
22		
23		
24		
25		
26		
27		
28		
29		
30		
31		
32		
33		
34		
35		
36		
37		
38		
39		
40		

**CORPORATE INSURANCE**

**Aquarion Water Company of New Hampshire, Inc.  
Case No. DW 20-184**

**Test Year: Twelve Months Ended 12/31/19  
Schedule No. 1J  
Page 1 of 1**

Line No.	Policy Name	Allocation Methodology	Pro Forma Expense
1			
2	Property	Insured Property	\$ 1,226
3	Fiduciary Liability	Employee Count	631
4	Business Travel	Employee Count	35
5	Cyber Liability	Revenues	528
6	General Liability and Excess Liability	Production	11,778
7	Self-insured claims	3 yr avg claims	27,751
8	Administrative Fee	Combined policies	293
9	Worker's Compensation	Per policy	7,930
10	Automotive	Vehicle count	8,250
11			
12	Total Pro Forma Insurance Expense		<u>\$ 58,422</u>
13			
14	Test Year Expense		108,094
15			
16	Pro Forma Insurance Adjustment		<u>\$ (49,672)</u>
17			
18			
19			
20			
21			
22			
23			
24			

TAX CUT and JOBS ACT ("TCJA")

Aquarion Water Company of New Hampshire, Inc.  
Case No. DW 20-184

Test Year: Twelve Months Ended 12/31/19  
Schedule No. 1K  
Page 1 of 1

Line No.		Federal & State DTL			EADIT	With tax gross-up
	Gross Temporary Differences	35% Fed Rate	21% Fed Rate			
3	<b>Excess Accumulated Deferred Income Tax Liability<sup>(1)</sup></b>					
7	Depreciation	\$ (11,201,515)	\$ (4,412,684)	\$ (2,943,268)	\$ (1,469,416)	\$ (2,028,294)
8	Pension & retiree medical	1,511,434	610,543	415,312	195,231	269,419
9	Deferred debits	(21,175)	(8,554)	(5,818)	(2,736)	(3,776)
10	Other	43,953	17,754	12,078	5,676	7,833
11	Total	\$ (9,667,303)	\$ (3,792,941)	\$ (2,521,696)	\$ (1,271,245)	\$ (1,754,818)
13	Schedule 2F					\$ (1,754,818)
14	variance					(0)
				<b>Period</b>	<b>Amortization</b>	
17	Depreciation			29.75	\$ (68,178)	
18	Pension & retiree medical			20.00	13,471	
19	Deferred debits			1.00	(3,776)	
20	Other			1.00	7,833	
21	Total proforma EADIT amortization with gross-up				\$ (50,650)	
25	<b>Tax Rate Due to Rate Payer<sup>(2)</sup></b>					
26		<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>3/1/21</u>	
28	Tax expense savings	\$ (293,317)	\$ (586,634)	\$ (879,951)	\$ (928,837)	
30	Amortization period in years				10	
31	Proforma Tax Rate Due RP amortization				\$ (92,884)	
34	<b>Total Proforma amortization</b>				<b>\$ (143,534)</b>	

<sup>(1)</sup> DW-18-054 Settlement Agreement section II.J.(1)

<sup>(2)</sup> DW-18-054 Settlement Agreement section II.J.(2)

**EXPERT FEES**

Aquarion Water Company of New Hampshire, Inc.  
Case No. DW 20-184

Test Year: Twelve Months Ended 12/31/19  
Schedule No. 1L  
Page 1 of 1

Line No.		Cost	Amortization Period in years	Annual
1				
2				
3				
4	Depreciation Study	\$ 43,200	6	7,200
5	Cost of Service Study	58,000	6	9,667
6	Blue Ridge 2017 Tax Act studu	10,284	1	10,284
7				
8	Proforma Amount	<u>\$ 111,484</u>		<u>\$ 27,151</u>
9				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				
21				
22				
23				
24				
25				
26				
27				
28				
29				
30				
31				
32				
33				
34				
35				
36				
37				
38				
39				
40				

**CUSTOMER PROGRAMS**

Aquarion Water Company of New Hampshire, Inc.  
Case No. DW 20-184

Test Year: Twelve Months Ended 12/31/19  
Schedule No. 1M  
Page 1 of 1

Line No.				
1				
2	<b><u>Fee Free Payment Program</u></b>			
3		2019	Transaction	
4		<u># transactions</u>	<u>Cost</u>	<u>Total Cost</u>
5	Credit card	69,363	\$ 1.95	135,258
6	Pinless debit	22,323	\$ 1.95	43,530
7	ACH (via CSR, IVR or ONE)	72,064	\$ 1.95	140,525
8	ACH – SMP	667	\$ 0.10	67
9	ACH – VBS	517,723	\$ 0.08	41,418
10	ACH - EFT	12,686	\$ 0.04	507
11				<u>361,304</u>
12				
13	Allocation			<u>3.84%</u>
14				
15				\$ 13,886
16				
17				
18	<b><u>Customer Assistance Program</u></b>			
19	Annual program			\$ 10,000
20				
21				
22		Pro Forma Adjustment		<u>\$ 23,886</u>
23				
24				
25		12.31.19		
26		<u># of customers</u>	<u>Less # ebilling</u>	<u># Non ebilling</u>
27	CT	199,051	82,123	116,928
28	MA	19,931	7,155	12,776
29	NH	9,541	4,357	5,184
30		<u>228,523</u>	<u>93,635</u>	<u>134,888</u>
31				
32				
33				
34				
35				
36				
37				
38				
39				
40				

**SHARED FACILITY COSTS**

Aquarion Water Company of New Hampshire, Inc.  
Case No. DW 20-184

Test Year: Twelve Months Ended 12/31/19  
Schedule No. 1N  
Page 1 of 1

Line No.	Description	Lindley St. Operations Center	Main St. Corporate Office	Monroe Tpke Customer Service/IT		
1						
2						
3	<b>Purpose and Description:</b>					
4	In accordance with the existing Service Contract, AWCCT allocates costs associated with common facilities to the respective subsidiaries based on the time charged/allocated by the employees from those facilities. The following pro forma adjustment adjusts AWCNH's allocation based on the 2019 costs of running the respective facilities.					
5						
6						
7						
8	<b>Calculation of Building Overhead Rate</b>					
9	<u>Cost Pool (AWC-CT books)</u>					
10	Depreciation	\$ 274,403	\$ 53,744	\$ 165,355		
11	Property Taxes	120,457	59,826	63,191		
12	Return on Investment	972,974	102,266	597,263		
13	Telecom costs	110,725	64,727	156,594		
14	Operation & maintenance Expenses	490,720	134,795	211,354		
15	Total Annual Costs	<u>\$ 1,969,279</u>	<u>\$ 415,358</u>	<u>\$ 1,193,757</u>		
16	Annualized labor for building employees	<u>10,132,914</u>	<u>2,510,300</u>	<u>6,116,449</u>		
17	Building overhead rate	19.43%	16.55%	19.52%		
18						
19						
20	<b>Calculation of Building Overhead Charge</b>					
21	CT Building Employee Direct Labor Charged to AWC-NH	\$ 76,314	\$ 27,438	\$ -		
22	Allocated Customer Service Labor (see Schedule 1P)*			86,832		
23	Allocated IT Labor (see Schedule 1Q)**			53,381		
24	Labor Pool	<u>\$ 76,314</u>	<u>\$ 27,438</u>	<u>\$ 140,213</u>		
25	Building overhead rate	19.43%	16.55%	19.52%		
26	Building Overhead to Allocate to AWC-NH	<u>\$ 14,831</u>	<u>\$ 4,540</u>	<u>\$ 27,366</u>	=	<u>\$ 46,737</u>
27	Test Year Allocation					<u>49,830</u>
28	Pro Forma Adjustment					<u>\$ (3,093)</u>
29						
30						
31	*On Schedule 1P, line 7.					
32	**On Schedule 1Q, line 6 multiplied by Line 15.					
33						
34						
35						

**MANAGEMENT ALLOCATION**

Aquarion Water Company of New Hampshire, Inc.  
Case No. DW 20-184

Test Year: Twelve Months Ended 12/31/19  
Schedule No. 10  
Page 1 of 2

Line No.		<u>Pro Forma</u>	
1			
2	Corporate Costs		
3			
4	Management Fees	\$ 682,431	
5	Wages and Benefits	476,385	
6	Audit & Tax	111,504	
7	Legal Fees	3,662	
8	D&O Insurance	22,395	
9	Misc	32,491	
10	Total	<u>\$ 1,328,868</u>	
11			
12	Pro Forma Allocation Based on Massachusetts Formula	4.38%	(see page 2 of 2)
13			
14	<u>AWC-NH Share of Costs</u>		
15			
16	Management Fees	\$ 29,856	
17	Wages and Benefits	20,842	
18	Audit & Tax	4,878	
19	Legal Fees	160	
20	D&O Insurance	980	
21	Misc	1,421	
22			
23	Total Pro Forma Expense	\$ 58,138	
24	Test Year Expense	55,607	
25			
26	Pro Forma Cost Increase	<u>\$ 2,531</u>	
27			
28			
29			
30			
31			
32			
33			
34			
35			
36			
37			

**MANAGEMENT ALLOCATION**

**Aquarion Water Company of New Hampshire, Inc.**  
**Case No. DW 20-184**

**Test Year: Twelve Months Ended 12/31/19**  
**Schedule No. 10**  
**Page 2 of 2**

Line No.	<b>Mass Formula - 2008</b>			
	<b>(\$ in 000)</b>			
1				
2	<b>Gross Revenues</b>			
3	<u>2019 Act</u>			
4	CT	\$ 184,613		91.5%
5	MA (M/O only)	4,781		2.4%
6	NH	7,226		3.6%
7	Utility	\$ 196,620		97.4%
8	NonUtility	5,182		2.6%
9	Total	\$ 201,802		100.0%
10				
11	<b>Average Gross Plant</b>			
12		<u>12/31/2018</u>	<u>12/31/2019</u>	<u>Average</u>
13	CT	\$ 1,493,492	\$ 1,576,441	\$ 1,534,967 94.7%
14	MA (M/O only)	32,185	35,145	33,665 2.1%
15	NH	49,720	53,629	51,675 3.2%
16	Utility	\$ 1,575,397	\$ 1,665,215	\$ 1,620,306 100.0%
17	NonUtility	495	495	495 0.0%
18	Total	\$ 1,575,892	\$ 1,665,710	\$ 1,620,801 100.0%
19				
20	<b>Gross Payroll</b>			
21	<u>2019 Act</u>			
22	CT	\$ 28,124		94.2%
23	MA (M/O only)	553		1.9%
24	NH	819		2.7%
25	Utility	\$ 29,496		98.8%
26	NonUtility	363		1.2%
27	Total	\$ 29,859		100.0%
28				
29	<b>Weightings</b>			
30		<u>Revenue</u>	<u>Plant</u>	<u>Payroll</u> <u>Average</u>
31	Utility	97.4%	100.0%	98.8% 98.73%
32	Non Utility	2.6%	0.0%	1.2% 1.27%
33				
34	<b>Customers</b>			
35		<u>2019</u>	<u>Cust %</u>	<u>Util %</u> <u>Alloc. Amt.</u>
36	CT	199,052	92.5%	98.73% 91.27%
37	MA (M/O only)	6,714	3.1%	98.73% 3.08%
38	<b>NH</b>	<u>9,541</u>	<u>4.43%</u>	<u>98.73%</u> <u>4.38%</u>
39		215,307		
40				

**SHARED CUSTOMER SERVICE COSTS**

**Aquarion Water Company of New Hampshire, Inc.**  
**Case No. DW 20-184**

**Test Year: Twelve Months Ended 12/31/19**  
**Schedule No. 1P**  
**Page 1 of 1**

Line  
No.

1		
2		
3	AWC-CT Shared Customer Service/Collections Labor	\$ 2,435,406
4	Increase Effective April 1, 2020 and April 1, 2021	148,316
5	% to AWC-NH	<u>3.36%</u>
6		
7	Shared costs to AWC-NH	\$ 86,832
8		
9	Test Year Costs	89,382
10		
11	Pro Forma Adjustment	<u>\$ (2,550)</u>
12		
13		
14		
15		
16		
17		
18		
19		
20		
21		
22		

<b>AWC Customers-12/31/2019</b>		
AWC-CT	199,052	93.49%
AWC-MA (M/O only)	6,714	3.15%
AWC-NH <sup>1</sup>	<u>7,156</u>	<u>3.36%</u>
<b>Total AWC</b>	<b>212,922</b>	<b>100.00%</b>

<sup>1</sup>AWC-NH incoming customer service calls are mostly handled the same way as CT and MA. However, some customers are still calling directly to the NH office. Therefore the customer count for AWC-NH in the above allocation formula is reduced by 25%.

40

**SHARED TECHNOLOGY COSTS**

**Aquarion Water Company of New Hampshire, Inc.**  
**Case No. DW 20-184**

**Test Year: Twelve Months Ended 12/31/19**  
**Schedule No. 1Q**  
**Page 1 of 1**

Line No.		
1		
2		
3	SAP-Return on Investment Allocated per CT Docket 10-02-13	\$ -
4	SAP-Depreciation Allocated per CT Docket 10-02-13	-
5	906001 IT Labor (including a 3% increase effective 4/1/2020 and 4/1/2021)	1,204,623
6	906201 IT - Hardware Maint	119,125
7	906202 IT - Software Maint	724,055
8	906203 IT - SAP License Fees	747,231
9	906204 IT - SAP Software Maintenance	483,297
10	906215 IT Outside Services	194,849
11	906218 IT - S/W Maint - GI	204,094
12	906XXX IT - Miscellaneous Expenses	<u>426,777</u>
13	Total Annual Costs	\$ 4,104,051
14		
15	AWC-NH % Share of Costs	<u>4.43%</u>
16		
17	AWC-NH % Share of Costs	\$ 181,865
18		
19	Test year Expense	262,527
20		
21	Pro Forma Adjustment	<u><u>\$ (80,662)</u></u>

<b>AWC Customers-12/31/2019</b>		
AWC-CT	199,052	92.45%
AWC-MA (M/O only)	6,714	3.12%
AWC-NH	9,541	4.43%
<b>Total AWC</b>	<b><u>215,307</u></b>	<b><u>100.00%</u></b>



**PAYROLL TAXES**

**Aquarion Water Company of New Hampshire, Inc.**  
**Case No. DW 20-184**

**Test Year: Twelve Months Ended 12/31/19**  
**Schedule No. 1S**  
**Page 1 of 1**

Line No.		Pro Forma	Test Year	Adjustment
1				
2	<b>FICA</b>			
3	Proposed Wages	\$ 871,585		
4	Add Bonus	17,454		
5	Medicare Tax Base	\$ 889,039		
6	Wages over limit of \$137,700	-		
7	Social Security Tax Base	\$ 889,039		
8				
9	Social Security Rate	6.20% \$ 55,120		
10	Medicare Rate	1.45% 12,891		
11	Pro Forma FICA Expense	\$ 68,011		
12				
13	<b>Federal Unemployment</b>			
14	Employees	11		
15	Tax base	7,000		
16	Rate	6.00% \$ 4,620		
17				
23				
24	<b>State Unemployment</b>			
25	Employees	11		
26	Tax base	14,000		
27	Rate (NH)	0.80% \$ 1,232		
28				
34				
35	Subtotal Payroll Taxes (lines 11+16+27)	\$ 73,863		
36	% to Expense	89.1%		
37	Payroll Tax Expense	65,812	54,032	
38				
39	<b>Service Company Payroll Taxes</b>			
40	Pro Forma Wages to Expense (sch C)	\$ 136,836		
41	Customer service labor to expense (sch P)	86,832		
42	IT labor to expense (Sch Q)	53,381		
43		\$ 277,049		
44	Payroll Tax Rate	8.0%		
45		22,164	21,792	
46				
47	Payroll Tax Expense	\$ 87,976	\$ 75,824	\$ 12,152
48				
49				

**PROPERTY TAX EXPENSE**

**Aquarion Water Company of New Hampshire, Inc.  
Case No. DW 20-184**

**Test Year: Twelve Months Ended 12/31/19  
Schedule No. 1T  
Page 1 of 1**

Line No.		Assessed Value	Tax Rate	
1				
2				
3	<u>Most Recent Property Tax Bills</u>			
4				
5	Hampton			
6	Town Area	18,246,800	14.02	\$ 255,820
7	Precinct Area	6,102,000	14.97	91,347
8	Education Fund	189,500	16.01	3,034
9				
10	North Hampton			
11	Town Area	7,670,300	14.58	111,833
12	Education Fund	50,000	16.68	834
13				
14	Rye	1,903,800	8.04	15,307
15	Stratham	1,024,400	16.76	17,169
16	State of NH	34,197,200	6.60	225,702
17				
18				
19	<u>Proforma Additions</u>			
20				
21	Hampton			
22	Town Area	3,821,537	14.02	\$ 53,578
23				
24	North Hampton			
25	Town Area	2,873,962	14.58	41,902
26				
27	State of NH	6,695,500	6.60	44,190
28				
29				\$ 860,716
30				
31				
32			Test Year Expense	677,193
33				
34			Pro Forma Adjustment	<u>\$ 183,522</u>
35				
36				
37				
38				
39				
40				

INTEREST EXPENSE

Aquarion Water Company of New Hampshire, Inc.  
Case No. DW 20-184

Test Year: Twelve Months Ended 12/31/19  
Schedule No. 1U  
Page 1 of 1

---

Line No.		
1		
2		
3	<u>Interest Expense</u>	
4	Long Term-Sched 4D	\$ 852,830
5	Intercompany - Sched 4E	<u>29,065</u>
7	Total Pro Forma Interest Expense	<u>\$ 881,895</u>
8		
9	Interest Expense per Test Year	867,508
10		
11	Pro Forma Adjustment	<u>\$ 14,387</u>
12		
13		
14		
15		
16		
17		
18		
19		
20		
21		
22		
23		
24		
25		
26		
27		
28		
29		
30		
31		
32		
33		
34		
35		
36		
37		
38		
39		
40		

**STATE INCOME TAXES**

**Aquarion Water Company of New Hampshire, Inc.**  
**Case No. DW 20-184**

**Test Year: Twelve Months Ended 12/31/19**  
**Schedule No. 1V**  
**Page 1 of 1**

Line No.		<u>12/31/2019</u>	<u>Adj</u>	<u>Pro Forma</u>	<u>Increase</u>	<u>Proposed</u>
1						
2	Revenue	\$ 7,226,513	\$ 390,280	\$ 7,616,793	\$ 1,373,351	\$ 8,990,143
3						
4	O&M Expense	\$ 3,346,041	\$ (64,900)	\$ 3,281,140	\$ -	\$ 3,281,140
5	Depreciation	1,024,230	286,177	1,310,407	-	1,310,407
6	Other Taxes	753,018	195,674	948,692	-	948,692
7	Interest Expense	867,508	14,387	881,895	-	881,895
8	Net Other Income	(74,449)	106	(74,343)	-	(74,343)
9		<u>\$ 5,916,348</u>	<u>\$ 431,444</u>	<u>\$ 6,347,791</u>	<u>\$ -</u>	<u>\$ 6,347,791</u>
10						
11	Pre-Tax Income	1,310,165	(41,165)	1,269,001	1,373,351	2,642,352
12						
13	Permanent Differences	19,527		19,527		19,527
14	Flowthrough Timing Difference	(604,232)		(604,232)		(604,232)
15	Normalized Timing Differences	(258,417)		(258,417)		(258,417)
16	Disallowed Federal Bonus Dep	(110,000)	-	(110,000)	-	(110,000)
17						
18	Taxable Income	<u>\$ 357,043</u>	<u>\$ (41,165)</u>	<u>\$ 315,879</u>	<u>\$ 1,373,351</u>	<u>\$ 1,689,230</u>
19						
20	State Tax Expense (7.7%)	\$ 27,492	\$ (3,170)	\$ 24,323	\$ 105,748	\$ 130,071
21	Return to Provision Adjustment	(2,502)				
22	Current State Tax Expense	<u>\$ 24,990</u>	<u>\$ (3,170)</u>	<u>\$ 24,323</u>	<u>\$ 105,748</u>	<u>\$ 130,071</u>
23						
24	Deferred State Tax Expense	28,368	-	28,368	-	28,368
25	Deferred Tax Adjustments	998		998		998
26	Deferred State Tax Expense	<u>29,366</u>	<u>-</u>	<u>29,366</u>	<u>-</u>	<u>29,366</u>
27	Total State Tax Expense	<u>\$ 54,356</u>	<u>\$ (3,170)</u>	<u>\$ 53,689</u>	<u>\$ 105,748</u>	<u>\$ 159,437</u>
28						
29	Tie to Books	(0)		(0)		(0)
30	Net Tax Per Books	<u>\$ 54,356</u>	<u>\$ (3,170)</u>	<u>\$ 53,688</u>	<u>\$ 105,748</u>	<u>\$ 159,436</u>
31						
32						
33						
34						
35						

**FEDERAL INCOME TAXES**

Aquarion Water Company of New Hampshire, Inc.  
Case No. DW 20-184

Test Year: Twelve Months Ended 12/31/19  
Schedule No. 1W  
Page 1 of 1

Line No.		<u>12/31/2019</u>	<u>Adj</u>	<u>Pro Forma</u>	<u>Increase</u>	<u>Proposed</u>
1						
2						
3						
4						
5	State Taxable Income	\$ 357,043	\$ (41,165)	\$ 315,879	\$ 1,373,351	\$ 1,689,230
6	Bonus Depreciation Adjustment	110,000				
7	Less NH Tax Expense	<u>(27,492)</u>	<u>3,170</u>	<u>(24,323)</u>	<u>(105,748)</u>	<u>(130,071)</u>
8						
9	Taxable FIT Income	\$ 439,551	\$ (37,995)	\$ 291,557	\$ 1,267,603	\$ 1,559,159
10						
11	Tax @ 21%	92,306	(7,979)	61,227	266,197	327,423
12	Provision to Return Adjustment	6,983	(6,983)	-		-
13	Deferred FIT	48,310		48,310		48,310
14	Deferred Tax Adjustments	(6,970)	(6,970)			
15	American Water-Regulatory Asset	<u>21,569</u>		<u>21,569</u>		<u>21,569</u>
16						
17		<u>\$ 162,198</u>	<u>\$ (21,932)</u>	<u>\$ 131,106</u>	<u>\$ 266,197</u>	<u>\$ 397,303</u>
18						
19						
20						
21						
22						
23						
24						
25						
26						
27						
28						
29						
30						

**EVERSOURCE AQUARION MERGER COSTS RECOVERY**

Aquarion Water Company of New Hampshire, Inc.  
Case No. DW 20-184

Test Year: Twelve Months Ended 12/31/19  
Schedule No. 1X  
Page 1 of 1

Line No.	Description		
1			
2	<b>Category</b>	<b>Payees</b>	
3	Investment Banker	Evercore Group LLC	\$ 3,016,667
4	Legal Services	Primarily Keegan Werlin; Ropes & Gray; Keller & Heckman	1,548,167
5	Other Outside Services	Primarily Price Waterhouse-Coopers; Deloitte; Quebit Consulting	977,009
6	Application approval fees	Federal Trade Commission	125,000
7	Environmental Outside Services	The Cadmus Group	27,177
8	Printing services for customer bill inserts	Pyne-Davidson Co	9,486
9	Other	Various	3,238
10		<b>Total merger transaction cost <sup>1</sup></b>	<b>5,706,744</b>
11			
12		Allocation % for AWC NH (Schedule 10)	4.38%
13			
14		Cost allocated to AWC NH	\$ 249,671
15			
16		Years to amortize	10
17			
18		Adjustment to Expense	\$ 24,967
19			

<sup>1</sup> CT Docket No. DN 17-06-30 Order No. 6 compliance filing Attachment 1 dated Jan. 18, 2018

	FY 2017	Proforma	Savings
<b>Insurance savings</b>			
Ins Prem Auto Liab	\$ 19,080	\$ 7,692	\$ 11,388
Workers Comp	16,956	7,932	9,024
Insurance Premiums - Admin	5,592	936	4,656
Property Insurance	2,052	1,188	864
Insurance Prem - Fiduciary & other	972	696	276
Ins Prem - CyberLiab	636	528	108
<b>Total Insurance savings</b>	<b>\$ 45,288</b>	<b>\$ 18,972</b>	<b>\$ 26,316</b>
<b>ST Interest Expense Savings</b>			
2019 Test Year Short term borrowing balance		\$ 1,200,000	
Average I/C interest rate		2.4221%	
Average S/T rate under previous RCF		<u>3.5000%</u>	
<b>Savings on rate</b>		1.078%	
Annualized interest savings			\$ 12,935
<b>Management Allocation</b>			
	<b>2017</b>	<b>Proforma</b>	
Audit, consulting and legal	\$ 190,473	\$ 82,830	
% allocated to NH	4.120%	4.375%	
	\$ 7,848	\$ 3,624	\$ 4,224
<b>Total Savings</b>			<b>\$ 43,475</b>
<b>Savings in excess of allocated merger costs</b>			<b>\$ 18,508</b>

**COMPARATIVE BALANCE SHEET**

Aquarion Water Company of New Hampshire, Inc.  
Case No. DW 20-184

Test Year: Twelve Months Ended 12/31/19  
Schedule No. 2  
Page 1 of 1

Line No.	Det. Sched.	12/31/2019	12/31/2018	12/31/2017	13 Mo. Avg	Det. Sched.	12/31/2019	12/31/2018	12/31/2017	13 Mo. Avg
1										
2		<b>ASSETS AND OTHER DEBITS</b>					<b>LIABILITIES AND OTHER CREDITS</b>			
3										
4		<u>Property, Plant &amp; Equipment</u>					<u>Stockholder's Equity</u>			
5										
6	B,C	\$ 49,342,626	\$ 46,108,516	\$ 42,668,008	\$ 46,795,929		\$ 2,300	\$ 2,300	\$ 2,300	\$ 2,300
7		4,286,434	2,611,426	1,036,864	3,244,147		2,187,075	2,187,075	2,187,075	2,187,075
8	D	(13,570,353)	(13,113,738)	(12,186,029)	(13,098,082)		3,557,940	3,557,940	3,557,940	3,557,940
9		<u>40,058,707</u>	<u>35,606,204</u>	<u>31,518,843</u>	<u>36,941,993</u>		2,480,250	480,250	480,250	563,583
10		-	-	-	-		8,373,058	7,279,585	5,799,767	7,726,420
11		-	-	-	-		<u>16,600,623</u>	<u>13,507,150</u>	<u>12,027,332</u>	<u>14,037,318</u>
12		-	-	-	-					
13		-	-	-	-					
14		<u>Current and Accrued Assets:</u>					<u>Long-term Debt - Bonds</u>			
15		21,833	8,771	10,058	15,322		13,900,000	13,900,000	13,900,000	13,900,000
16		282,156	250,057	274,004	323,296		<u>86,659</u>	<u>-</u>	<u>-</u>	<u>56,082</u>
17		24,450	10,571	75,096	(7,350)					
18		(18,442)	(17,070)	(24,074)	(16,471)					
19		-	4,495	1,937,927	21,375					
20		252,179	284,248	265,451	336,184					
21		159,726	155,839	116,919	166,065					
22	E	166,586	198,893	168,799	89,815					
23		42,257	34,549	19,107	34,870					
24		<u>930,745</u>	<u>930,353</u>	<u>2,843,287</u>	<u>963,106</u>					
25										
26		<u>Deferred Debits:</u>								
27		92,934	104,528	167,206	98,731					
28		2,624,800	2,426,645	2,489,147	2,434,901					
29	F	66,244	62,638	21,175	67,889					
30		1,036,769	719,653	2,002,917	711,572					
31	G	<u>3,820,747</u>	<u>3,313,464</u>	<u>4,680,445</u>	<u>3,313,093</u>					
32										
33										
34		<u>449,534</u>	<u>-</u>	<u>-</u>	<u>320,213</u>					
35										
36										
37										
38										
39		<b>\$ 45,259,733</b>	<b>\$ 39,850,021</b>	<b>\$ 39,042,575</b>	<b>\$ 41,538,405</b>		<b>\$ 45,259,731</b>	<b>\$ 39,850,023</b>	<b>\$ 39,042,575</b>	<b>\$ 41,538,406</b>
40										

COMPARATIVE BALANCE SHEET - 13 MONTHS

Aquarion Water Company of New Hampshire, Inc.  
Case No. DW 20-184

Test Year: Twelve Months Ended 12/31/19  
Schedule No. 2A  
Page 1 of 1

Line No.	December-18	January-19	February-19	March-19	April-19	May-19	June-19	July-19	August-19	September-19	October-19	November-19	December-19	13 Month Average
<b>1</b>	<b>ASSETS AND OTHER DEBITS</b>													
<b>2</b>	<b>Property, Plant &amp; Equipment</b>													
<b>3</b>														
<b>4</b>														
<b>5</b>	\$ 46,108,516	\$ 45,599,123	\$ 45,637,068	\$ 45,660,132	\$ 45,735,735	\$ 45,772,549	\$ 46,116,835	\$ 47,312,876	\$ 47,377,114	\$ 47,427,930	\$ 47,460,019	\$ 49,726,196	\$ 49,342,626	\$ 46,795,929
<b>6</b>	2,611,426	2,685,515	2,752,846	2,799,079	2,781,288	3,079,464	3,341,489	2,680,202	3,413,967	3,895,047	4,903,158	3,148,777	4,286,434	3,244,147
<b>7</b>	(13,113,738)	(12,669,727)	(12,764,979)	(12,814,258)	(12,900,050)	(12,900,073)	(13,044,913)	(13,147,164)	(13,244,026)	(13,319,015)	(13,417,058)	(13,515,678)	(13,570,353)	(13,098,082)
<b>8</b>	35,606,204	35,614,911	35,624,935	35,644,953	35,608,973	35,861,940	36,413,411	36,845,914	37,547,055	38,003,962	38,946,119	39,359,295	40,058,707	36,941,993
<b>9</b>														
<b>10</b>	Non-Utility Property & Equipment													
<b>11</b>	Less: Reserve for Depreciation													
<b>12</b>	Net non-Utility Plant													
<b>13</b>														
<b>14</b>	<b>Current and Accrued Assets:</b>													
<b>15</b>	8,771	77,684	7,034	8,833	7,622	11,089	11,355	23,084	5,529	6,331	5,874	4,125	21,833	15,322
<b>16</b>	250,057	178,655	238,292	252,877	255,379	485,422	421,147	472,869	435,064	336,528	303,080	234,132	282,156	323,296
<b>17</b>	10,571	10,571	10,571	(13,429)	(13,429)	(13,429)	(13,229)	(14,668)	(14,668)	(14,668)	(14,668)	(14,668)	24,450	(7,350)
<b>18</b>	(17,070)	(17,389)	(16,866)	(16,950)	(16,950)	(16,710)	(16,825)	(16,019)	(16,404)	(16,098)	(15,295)	(15,671)	(15,669)	(16,471)
<b>19</b>	4,495	85,532	7,939	11,564	7,939	11,564	63,519	32,581	19,764	33,351	19,764	33,351	19,764	21,375
<b>20</b>	284,248	300,742	288,679	299,935	357,455	373,671	434,882	386,535	426,153	401,754	212,680	283,511	252,179	336,184
<b>21</b>	155,839	152,080	166,571	158,873	164,181	164,181	203,818	169,700	169,700	146,448	163,703	166,580	159,726	166,065
<b>22</b>	198,893	101,599	126,508	88,683	19,854	(45,554)	189,966	118,561	74,627	55,407	(16,049)	181,439	166,586	89,815
<b>23</b>	34,549	34,549	34,549	34,549	34,549	34,549	34,549	34,549	34,549	34,549	34,549	34,549	42,257	34,870
<b>24</b>	930,353	924,023	854,029	829,008	803,593	1,004,668	1,240,432	1,271,863	1,147,437	984,405	673,498	893,763	930,745	963,106
<b>25</b>	<b>Deferred Debits:</b>													
<b>26</b>	Unamortized Debt Discount and Expense													
<b>27</b>	104,528	103,561	102,595	101,629	100,663	99,697	98,731	97,764	96,798	95,832	94,866	93,900	92,934	98,731
<b>28</b>	2,426,645	2,426,645	2,426,645	2,426,645	2,426,645	2,426,645	2,426,645	2,426,645	2,426,645	2,426,645	2,426,645	2,426,645	2,624,800	2,434,901
<b>29</b>	62,638	61,837	69,413	69,794	70,518	69,984	69,450	68,916	68,381	67,847	67,312	66,778	66,244	67,889
<b>30</b>	719,653	719,653	724,355	724,355	724,355	724,355	679,584	679,584	669,844	669,844	669,844	669,844	669,844	711,572
<b>31</b>	3,313,464	3,311,696	3,318,306	3,322,423	3,322,181	3,320,681	3,274,410	3,272,909	3,271,408	3,260,168	3,258,667	3,257,167	3,820,747	3,313,093
<b>32</b>	Right of use assets													
<b>33</b>	-	-	-	128,745	85,504	508,839	495,783	495,783	495,783	469,118	469,118	469,118	449,534	320,213
<b>34</b>														
<b>35</b>	\$ 39,850,021	\$ 39,850,630	\$ 39,797,270	\$ 39,925,129	\$ 39,820,251	\$ 40,696,128	\$ 41,424,036	\$ 41,886,469	\$ 42,461,683	\$ 42,717,652	\$ 43,347,402	\$ 43,979,343	\$ 45,259,733	\$ 41,538,406
<b>36</b>	<b>LIABILITIES AND OTHER CREDITS</b>													
<b>37</b>	<b>Stockholder's Equity</b>													
<b>38</b>														
<b>39</b>														
<b>40</b>	(2,300)	(2,300)	(2,300)	(2,300)	(2,300)	(2,300)	(2,300)	(2,300)	(2,300)	(2,300)	(2,300)	(2,300)	(2,300)	(2,300)
<b>41</b>	(2,187,075)	(2,187,075)	(2,187,075)	(2,187,075)	(2,187,075)	(2,187,075)	(2,187,075)	(2,187,075)	(2,187,075)	(2,187,075)	(2,187,075)	(2,187,075)	(2,187,075)	(2,187,075)
<b>42</b>	(3,557,940)	(3,557,940)	(3,557,940)	(3,557,940)	(3,557,940)	(3,557,940)	(3,557,940)	(3,557,940)	(3,557,940)	(3,557,940)	(3,557,940)	(3,557,940)	(3,557,940)	(3,557,940)
<b>43</b>	(480,250)	(480,250)	(480,250)	(480,250)	(480,250)	(480,250)	(480,250)	(480,250)	(480,250)	(480,250)	(480,250)	(480,250)	(480,250)	(563,583)
<b>44</b>	(7,279,584)	(7,275,549)	(7,329,830)	(7,369,207)	(7,455,407)	(7,455,407)	(7,872,200)	(7,847,376)	(7,949,600)	(8,171,286)	(8,220,488)	(8,301,167)	(8,373,058)	(7,726,420)
<b>45</b>	(13,507,149)	(13,503,114)	(13,527,395)	(13,556,171)	(13,596,772)	(13,682,972)	(13,899,765)	(14,074,941)	(14,177,165)	(14,398,851)	(14,448,053)	(14,528,732)	(16,600,623)	(14,037,318)
<b>46</b>														
<b>47</b>	(13,900,000)	(13,900,000)	(13,900,000)	(13,900,000)	(13,900,000)	(13,900,000)	(13,900,000)	(13,900,000)	(13,900,000)	(13,900,000)	(13,900,000)	(13,900,000)	(13,900,000)	(13,900,000)
<b>48</b>														
<b>49</b>				(20,341)	(9,276)	(85,275)	(85,409)	(85,409)	(85,409)	(86,177)	(86,177)	(86,177)	(86,659)	(56,082)
<b>50</b>														
<b>51</b>														
<b>52</b>	(300,000)	(300,000)	(400,000)	(400,000)	(400,000)	(400,000)	(700,000)	(700,000)	(900,000)	(1,500,000)	(1,800,000)	(2,200,000)	(1,200,000)	(870,833)
<b>53</b>	(300,000)	(300,000)	(400,000)	(400,000)	(400,000)	(400,000)	(700,000)	(700,000)	(900,000)	(1,500,000)	(1,800,000)	(2,200,000)	(1,200,000)	(870,833)
<b>54</b>														
<b>55</b>	<b>Current and Accrued Liabilities:</b>													
<b>56</b>	(709,540)	(384,986)	(348,211)	(332,642)	(234,335)	(460,472)	(816,501)	(828,480)	(1,310,220)	(902,412)	(1,276,520)	(1,574,890)	(1,086,652)	(780,647)
<b>57</b>	-	-	(37,889)	-	(37,063)	-	(25,383)	-	-	(45,453)	-	-	(22,906)	(13,103)
<b>58</b>	(228,799)	(240,905)	(124,823)	(193,790)	(206,514)	(275,481)	(228,172)	(240,905)	(126,677)	(195,026)	(207,132)	(180,951)	(228,799)	(204,098)
<b>59</b>														
<b>60</b>	(938,339)	(625,891)	(510,923)	(526,432)	(477,912)	(735,953)	(1,070,056)	(1,069,385)	(1,436,897)	(1,097,438)	(1,529,105)	(1,755,841)	(1,338,357)	(997,848)
<b>61</b>														
<b>62</b>	<b>Deferred Credits</b>													
<b>63</b>	(6,156,089)	(6,156,089)	(6,156,089)	(6,156,089)	(6,157,089)	(6,158,089)	(6,160,089)	(6,162,089)	(6,164,089)	(6,161,557)	(6,161,557)	(6,163,557)	(6,446,519)	(6,171,476)
<b>64</b>	(579,120)	(579,120)	(585,972)	(592,824)	(597,125)	(613,021)	(648,590)	(642,672)	(727,819)	(727,819)	(727,819)	(727,819)	(1,026,000)	(652,004)
<b>65</b>	(1,120,238)	(1,065,761)	(1,067,017)	(1,068,231)	(1,073,850)	(1,079,469)	(1,009,425)	(915,334)	(821,243)	(720,459)	(723,901)	(727,342)	(1,026,599)	(945,579)
<b>66</b>	(695,223)	(668,974)	(657,099)	(660,768)	(649,569)	(630,202)	(629,573)	(625,634)	(613,520)	(597,708)	(588,612)	(566,348)	(625,347)	(629,024)
<b>67</b>				(108,404)	(76,229)	(423,564)	(410,374)	(410,374)	(410,374)	(382,941)	(382,941)	(382,941)	(362,875)	(264,132)
<b>68</b>	(203,533)	(604,471)	(548,684)	(494,896)	(444,579)	(552,850)	(479,140)	(872,137)	(799,793)	(722,448)	(580,104)	(524,571)	(529,038)	(582,497)
<b>69</b>	(8,754,203)	(9,074,415)	(9,014,861)	(9,081,212)	(8,998,441)	(9,457,195)	(9,337,191)	(9,628,240)	(9,536,838)	(9,312,932)	(9,164,934)	(9,092,578)	(9,721,197)	(9,244,711)
<b>70</b>														
<b>71</b>	(2,450,332)	(2,447,212)	(2,444,092)	(2,440,972)	(2,437,853)	(2,434,733)	(2,431,613)	(2,428,493)	(2,425,374)	(2,422,254)	(2,419,134)	(2,416,014)	(2,412,895)	(2,431,613)
<b>72</b>														
<b>73</b>	\$ (39,850,023)	\$ (39,850,632)	\$ (39,797,271)	\$ (39,925,128)	\$ (39,820,254)	\$ (40,696,128)	\$ (41,424,034)	\$ (41,886,468)	\$ (42,461,683)	\$ (42,717,652)	\$ (43,347,402)	\$ (43,979,342)	\$ (45,259,731)	\$ (41,538,406)

UTILITY PLANT

Aquarion Water Company of New Hampshire, Inc.  
Case No. DW 20-184

Test Year: Twelve Months Ended 12/31/19  
Schedule No. 2B  
Page 1 of 1

Line No.	Description	December-18	January-19	February-19	March-19	April-19	May-19	June-19	July-19	August-19	September-19	October-19	November-19	December-19	13 Month Average
1															
2															
3	<b>Utility Plant</b>														
4	101301 Organization	\$ 17,700	\$ 17,700	\$ 17,700	\$ 17,700	\$ 17,700	\$ 17,700	\$ 17,700	\$ 17,700	\$ 17,700	\$ 17,700	\$ 17,700	\$ 17,700	\$ 17,700	\$ 17,700
5	101303 Miscellaneous Intangible Plant														
6	101310 Source Land and Land Rights	635,643	635,643	635,643	635,643	635,643	635,643	635,643	635,643	635,643	635,643	635,643	635,643	635,643	635,643
7	101311 Source Structures and Improvements	645,199	645,199	645,199	645,199	645,199	645,199	645,199	645,199	645,199	645,199	645,199	645,199	645,199	645,088
8	101312 Collecting & Impounding Reservoirs														
9	101314 Wells and Springs	2,655,327	2,637,269	2,637,269	2,634,883	2,684,175	2,684,513	2,750,113	2,976,181	3,594,184	3,604,706	3,606,663	3,608,558	3,140,638	3,026,375
10	101316 Supply Mains	137,490	137,490	137,490	137,490	137,490	137,490	137,490	137,490	137,490	137,490	137,490	137,490	137,490	137,490
11	101317 Other Water Source Plant	1,723,261	1,723,261	1,723,261	1,723,261	1,723,261	1,723,261	1,723,261	1,723,261	1,723,261	1,723,261	1,723,261	1,723,261	1,723,261	1,723,261
12	101320 Pumping Land and Land Rights														
13	101321 Pumping Structures and Improvements	1,403,286	1,388,128	1,388,128	1,388,128	1,388,128	1,388,128	1,388,128	1,388,128	1,388,128	1,388,128	1,388,128	1,388,128	1,392,388	1,388,937
14	101325 Electric Pumping Equipment	880,595	867,795	867,795	867,795	867,795	862,899	862,899	989,000	945,508	945,508	945,508	945,508	907,573	905,174
15	101326 Diesel Pumping Equipment														
16	101328 Other Pumping Equipment	32,076	32,076	32,076	32,076	32,076	32,076	32,076	32,076	32,076	32,076	32,076	32,076	32,076	32,076
17	101331 Treatment Structures and Improvements	58,588	58,588	58,588	58,588	58,588	58,588	58,588	58,588	58,588	58,588	58,588	58,588	58,588	58,588
18	101332 Treatment Equipment	217,410	217,410	217,410	217,410	219,741	220,079	220,079	650,785	397,190	404,560	404,560	414,580	231,134	317,339
19	101340 T&D Land and Land Rights	314,551	314,551	314,551	314,551	314,551	314,551	314,551	314,551	314,551	314,551	314,551	314,551	314,551	314,551
20	101341 T&D Structures and Improvements	32,894	32,894	32,894	32,894	32,894	32,894	32,894	32,894	32,894	32,894	32,894	32,894	32,894	32,894
21	101342 Distribution Reservoirs and Standpipes	2,708,344	2,708,344	2,708,344	2,708,344	2,708,344	2,708,344	2,708,344	2,708,344	2,708,344	2,708,344	2,708,344	2,708,344	2,708,344	2,708,344
22	101343 Transmission and Distribution Mains	24,025,647	24,032,225	24,032,568	24,032,568	24,042,761	24,046,629	24,289,284	24,626,883	24,307,459	24,310,701	24,311,305	26,548,147	26,634,035	24,492,531
23	101345 Services	5,653,028	5,656,718	5,659,551	5,661,311	5,667,757	5,678,806	5,689,708	5,700,371	5,717,352	5,731,344	5,738,570	5,743,297	5,731,679	5,694,761
24	101346 Meters	1,738,397	1,262,531	1,278,477	1,298,979	1,304,875	1,331,874	1,347,835	1,361,026	1,388,521	1,410,327	1,415,717	1,418,720	1,620,461	1,374,859
25	101347 Meter Installations	198,719	198,719	198,719	198,719	198,719	198,719	198,719	198,719	198,719	198,719	198,719	198,719	198,719	198,719
26	101348 Hydrants	676,187	676,031	676,031	679,121	679,121	681,252	681,562	682,081	710,341	710,854	711,020	711,353	709,986	690,989
27	101349 Other T&D Plant	178,436	178,436	178,436	178,436	178,436	178,436	178,436	178,436	178,436	178,436	178,436	178,436	178,436	178,436
28	101390 General Structures and Improvements	554,562	554,562	566,029	566,029	566,029	566,029	566,029	566,029	566,029	566,029	566,029	566,029	566,029	564,595
29	101391 Office Furniture and Equipment	9,764	9,764	9,764	9,764	6,514	6,650	6,650	6,650	6,650	6,650	6,650	6,650	6,650	7,297
30	101391H Computer Equipment - Hardware	184,413	184,413	184,413	184,413	184,413	184,413	184,413	184,413	184,413	184,413	184,413	184,413	184,413	184,413
31	101391S Computer Equipment - Software	419,295	419,295	419,295	419,295	419,295	419,295	419,295	419,295	419,295	419,295	419,295	419,295	419,295	419,295
32	101392 Transportation Equipment	550,249	550,249	556,115	558,058	558,142	558,142	558,142	631,479	631,479	632,227	666,548	666,672	644,403	597,048
33	101393 Stores Equipment	331	331	331	331	331	331	331	331	331	331	331	331	331	331
34	101394 Tools, Shop, and Garage Equipment	87,849	87,849	87,849	87,849	87,849	87,849	87,849	87,849	87,849	87,849	87,849	87,849	87,849	87,849
35	101395 Laboratory Equipment														
36	101396 Power Operated Equipment	109,715	109,715	109,715	109,715	109,715	109,715	109,715	109,715	109,715	109,715	109,715	109,715	109,715	109,715
37	101397 Communications Equipment	51,553	51,553	51,553	51,553	51,553	51,553	51,553	51,553	51,553	51,553	51,553	51,553	51,553	51,553
38	101398 Miscellaneous Equipment	203,228	203,228	203,228	203,228	203,228	203,228	203,228	203,228	203,228	203,228	203,228	219,123	219,461	205,229
39															
40		\$ 46,103,736	\$ 45,591,968	\$ 45,628,422	\$ 45,650,081	\$ 45,724,459	\$ 45,764,286	\$ 46,099,733	\$ 47,317,899	\$ 47,392,125	\$ 47,450,318	\$ 47,499,982	\$ 49,772,822	\$ 49,337,846	\$ 46,801,074

**PROPERTY HELD FOR FUTURE USE**

Aquarion Water Company of New Hampshire, Inc.  
Case No. DW 20-184

Test Year: Twelve Months Ended 12/31/19  
Schedule No. 2C  
Page 1 of 1

Line No.	Description	December-18	January-19	February-19	March-19	April-19	May-19	June-19	July-19	August-19	September-19	October-19	November-19	December-19	13 Month Average
1															
2															
3	<b>Property Held for Future Use</b>														
4	105000 Property Held for Future Use	\$ 4,779	\$ 4,779	\$ 4,779	\$ 4,779	\$ 4,779	\$ 4,779	\$ 4,779	\$ 4,779	\$ 4,779	\$ 4,779	\$ 4,779	\$ 4,779	\$ 4,779	\$ 4,779
5		\$ 4,779	\$ 4,779	\$ 4,779	\$ 4,779	\$ 4,779	\$ 4,779	\$ 4,779	\$ 4,779	\$ 4,779	\$ 4,779	\$ 4,779	\$ 4,779	\$ 4,779	\$ 4,779
6															
7															
8	Represents expenditures incurred in 1997 toward the development of an additional source of supply and storage tank.														
9															
10															
11															
12															
13															
14															
15															
16															
17															
18															
19															
20															
21															
22															
23															
24															
25															
26															
27															
28															
29															
30															
31															
32															
33															
34															
35															
36															
37															
38															
39															
40															

**ACCUMULATED DEPRECIATION**

Aquarion Water Company of New Hampshire, Inc.  
Case No. DW 20-184

Test Year: Twelve Months Ended 12/31/19  
Schedule No. 2D  
Page 1 of 4

Line No.	Account Number	Account Description	December-17	December-18	December-19
1		<u>Source of Supply Plant</u>			
2					
3	301	Organization Cost	7,315	8,200	9,085
4	339	Miscellaneous Intangible Plant	(14,807)	(15,014)	(15,221)
5	303	Land & Land Rights (Supply)	-	-	-
6	304	Structures & Improvements	200,388	219,841	236,615
7	305	Collecting & Impounding Reservoirs	-	-	-
8	306	Lake, River, & Other Intakes	-	-	-
9	307	Wells & Springs	672,392	958,805	1,092,889
10	308	Infiltration Galleries and Tunnels	-	-	-
11	309	Supply Mains	42,355	44,922	47,489
12	339	Other Water Source Plant	776,910	863,073	949,236
13		<b>Total Source of Supply</b>	<b>1,684,553</b>	<b>2,079,827</b>	<b>2,320,093</b>
14		<u>Pumping Plant</u>			
15	303	Land & Land Rights (Pumping)	-	-	-
16	304	Structures & Improvements	733,581	783,637	818,385
17	311	Other Power Production Equipment	-	-	-
18	311	Electric Pumping Equipment	60,243	31,670	(2,091)
19	311	Diesel Pumping Equipment	3,552	4,377	5,202
20	311	Hydraulic Pumping Equipment	-	-	-
21	311	Other Pumping Equipment	25,558	27,308	29,058
22		<b>Total Pumping Plant</b>	<b>822,934</b>	<b>846,992</b>	<b>850,554</b>
23		<u>Water Treatment Plant</u>			
24	303	Land & Land Rights (Treatment)	-	-	-
25	304	Structures & Improvements	(60,202)	(58,181)	(56,160)
26	320	Water Treatment Equipment - New	78,535	77,062	73,919
27		<b>Total Water Treatment Plant</b>	<b>18,333</b>	<b>18,881</b>	<b>17,759</b>
28		<u>Transmission &amp; Distribution Plant</u>			
29	303	Land & Land Rights (T & D)	-	-	-
30	304	Structures & Improvements	49,642	40,438	31,234
31	330	Distribution Reservoirs & Standpipes	1,010,488	1,067,478	1,124,468
32	331	Transmission & Distribution Mains	4,228,206	4,398,292	4,566,802
33	331	Fire Mains	-	-	-
34	333	Services	2,125,787	2,207,128	2,284,927
35	334	Meters	197,771	261,795	32,560
36	334	Meter Installation	155,581	171,358	187,135
37	335	Hydrants	333,873	356,987	378,689
38	339	Other T & D Plant	71,121	81,326	91,531
39		<b>Total T &amp; D Plant</b>	<b>8,172,469</b>	<b>8,584,803</b>	<b>8,697,347</b>
40		<u>General Plant</u>			
41	303	Land & Land Rights(General)	-	-	-
42	304	Structures & Improvements	63,899	82,562	101,931
43	340	Office Furniture & Equipment	7,440	13,301	13,811
44	340	Computer Equipment	251,393	255,551	261,346
45	340	Computer Equipment	419,295	425,091	430,887
46	341	Transportation Equipment	470,623	510,004	557,492
47	342	Stores Equipment	4,370	4,590	4,810
48	343	Tools, Shop & Garage Equipment	44,765	50,591	56,417
49	344	Laboratory Equipment	(962)	(735)	(508)
50	345	Power Operated Equipment	79,099	88,094	97,089
51	346	Communications Equipment	82,023	75,140	68,257
52	347	Miscellaneous Equipment	65,795	79,046	93,068
53	348	Other Tangible Property	-	-	-
		<b>Total General Plant</b>	<b>1,487,740</b>	<b>1,583,235</b>	<b>1,684,600</b>
		<b>Total Accumulated Depreciation</b>	<b>12,186,029</b>	<b>13,113,738</b>	<b>13,570,353</b>

Individual Retirements over \$5,000 for Years 2012-2019:  
refer to pages 2-4 of 4.

**ACCUMULATED DEPRECIATION**

**Aquarion Water Company of New Hampshire, Inc.**  
**Case No. DW 20-184**

**Test Year: Twelve Months Ended 12/31/19**  
**Schedule No. 2D**  
**Page 2 of 4**

Line No.	Individual Retirements over \$5,000 for Years 2012-2019	
1		
2	Scada System, Hampton	\$ 298,802
3	New Meters - Hampton - 1 inch	176,062
4	Carey Well Site- Design of Pumping Station	159,631
5	SCADA System for Hampton, N Hampton & Rye	157,879
6	New Meters - Hampton - 1 inch	122,918
7	Periodic Meter Repl. - Hampton - 5/8 inc	83,788
8	New Meters - Hampton - 5/8 inch	74,012
9	New Meters - Hampton - 5/8 inch	62,304
10	Chemical Feed Improvements Wells 5 & 7	61,248
11	New Meters - North Hampton - 1 inch	54,472
12	Periodic Meter Repl. - Hampton - 5/8 inc	54,013
13	Meters, Hampton	53,921
14	Loader/Backhoe @Hampton	52,910
15	Renovation Design @Mill Rd Office, North	52,904
16	Office Relocation, Hampton	52,314
17	Hampton Hydraulic Model - Planning	49,910
18	Meters, Hampton	46,745
19	11050' 8" transite Post Rd, Elm, Hobbs & Exeter,	38,576
20	11050' 8" transite Post Rd, Elm, Hobbs & Exeter,	38,576
21	Ford F450 Turbo Diesel Heavy Duty Truck, Hampton	35,986
22	1550' of 12" DI Lafayette & Watson Ln, Hampton	35,392
23	New Meters - North Hampton - 1 inch	35,222
24	Telemetry Radio System for Hampton, N Hampton & Ry	35,053
25	Dap 9800 Handheld & Map Radio R900,Hampt	34,948
26	2003 Ford P/U With Utility Box @Hampton	34,301
27	Hydrants, Hampton	33,461
28	Hydrants, Hampton	33,461
29	1550' of 12" DI Lafayette & Watson Ln, Hampton	32,857
30	T-2 Chemical Feed Improve - Wells 5 & 7, Hampton	32,130
31	Pick Up Truck With Plow, Hampton	31,797
32	Periodic Meter Repl. - North Hampton - 5	30,763
33	Chemical Feed Improvements at all Well Stations	28,970
34	Industrial Van, Hampton	27,313
35	Tank Site Security @Hampton	27,038
36	Diesel Generator & Trailer for 230 & 480 volts Hamp	26,297
37	Control Equipment Wells & Tanks Control Bldg, N Ham	26,190
38	Back Up Scada System, Hampton	25,125
39	Pick Up Truck, Hampton	24,762
40	5800' of 12" transite Winnacunnet Rd, Hampton	22,575
41	Replace Old Vehicles, NH -07 Ford Ranger	22,413
42	2001 F- 250 truck	22,266
43	Service Lines 1997 and prior	21,963
44	Inline Remote Water Improv @Distrib Line	21,741
45	Pump & Electrical Equip bldg, Ryders Well # 7, Ham	21,520
46	958' of 8" DI of f Mill Rd	20,211
47	1456" of 16" Lock Joint Main on Highland Ave	19,821
48	Electric Pumping Equipment at Well # 16	19,280
49	NH Redevelop Well 14	18,976
50	840' of 12" DI Liberty Ln West, Hampton	18,540
51	840' of 12" DI Liberty Ln West, Hampton	17,707
52	Software-W2K Svr & Offi Xp Pro, Hampton	17,525
53	Locks And Alarms, Nh	17,489

**ACCUMULATED DEPRECIATION**

**Aquarion Water Company of New Hampshire, Inc.**  
**Case No. DW 20-184**

**Test Year: Twelve Months Ended 12/31/19**  
**Schedule No. 2D**  
**Page 3 of 4**

Line No.	Individual Retirements over \$5,000		
1			
2	Pumping Structure Rock Well # 13, N Hampton	\$	17,110
3	Well #5 Electrical Upgrades,Cable Rd,Rye		15,740
4	Purchase Conservation Retrofit Kits, Hamp		15,462
5	Purchase (4) Meter Reading Guns Ce5320		15,454
6	Redevelop Well 10		15,158
7	2550' 12" CI Ryder Well to Little River Rd & High		13,865
8	Redevelop Well 11		13,850
9	Phone System, North Hampton		13,256
10	Well 13B Redevelopment		13,010
11	Digital Data Logger @Hampton		13,006
12	UHF Repeater Radio Communications System		12,731
13	Variable Speed Drive for Well # 9 Hampton		12,550
14	Software-Citrix Load Balance, Hampton		12,450
15	Meters, North Hampton		12,207
16	Rebuilt Booster Pump 5, Rye		12,140
17	New Meters - Rye, NH - 1 inch		12,088
18	Construct New Office/Distribution Shop		11,893
19	Well #11 Pump Replacement, Hampton		11,730
20	Seasonal Meter Relocation Project, Hampt		11,711
21	1115' of 12" CICL TY JT in Lafayette, Hampton		11,620
22	Replace Well 13B Motor		11,491
23	Well 20 Pump Replacement		11,161
24	Leak Correlator, Hampton		11,104
25	Rebuild NH Well 9 Pump / Motor		10,928
26	Electrical Upgrades, Various Wells, No H		10,770
27	1350' of 8" CICL in Atlantic Ave, N. Hampton		10,735
28	Replace VFD at Well 6 North Hampton to		10,459
29	Chemical Feed Equip Upgrade @Hampton		10,426
30	Periodic Meter Repl. - Hampton - 2 inch		10,333
31	New Computers, Hampton		10,253
32	Well 13B Pump Motor Replacement		10,090
33	one Y2K Compliant SCADA Computer		9,796
34	Well #7 VFD & renew Electrical Service, Hampton		9,795
35	Well 9 Station Improvements - NH		9,715
36	Pump & Motor at Well #12 N Hampton		9,679
37	1325' of 12" CICL in Lafayette Rd, Hampton		9,643
38	400' of 8" CICL Brown Ave, 860' in town parking lo		9,589
39	1450' of 8" CICL in Lafayette Rd		9,422
40	3679' of 6" transite on Leavitt, Holly,Morningside		9,420
41	(1) RTU for SCADA Willow Ave PRV in Rye		9,224
42	Equip Well #13B @North Hampton		9,214
43	Electric Pumping Equipment at Well # 16		8,788
44	pump equipment, Crenshaw Well, N Hampton		8,724
45	Electronic Lock System		8,619
46	New Meters - Rye, NH - 1 inch		8,466
47	50 HP Submersible Motor and Pump Well 13A, N Hampt		8,278
48	Electronic Lock System		8,245
49	5800' of 12" transite Winnacunnet Rd, Hampton		8,215
50	Install Well 8A VFD		8,149
51	Pump Motor, Well #21, North Hampton		8,128
52	Well 20 Pump Replacement		8,072
53	Install Scan Tie Cards, Hampton		7,966

**ACCUMULATED DEPRECIATION**

**Aquarion Water Company of New Hampshire, Inc.**  
**Case No. DW 20-184**

**Test Year: Twelve Months Ended 12/31/19**  
**Schedule No. 2D**  
**Page 4 of 4**

Line No.	Individual Retirements over \$5,000		
1			
2	New Meters - North Hampton - 5/8 inch	\$	7,903
3	NH - Purchase chemical feed pumps		7,828
4	Service Lines 1997 and prior		7,772
5	315' of 8" DI Locke Rd & Ocean Blvd, Rye		7,692
6	Well 21 Pump Replacement		7,584
7	Software-W2K Terminal Cal'S& Adv Svr,Ham		7,425
8	50' 8" CI Post Rd, 900' Meadowfox Rd, 850' Sylva		7,284
9	50' 8" CI Post Rd, 900' Meadowfox Rd, 850' Sylva		7,284
10	Periodic Meter Repl. - Hampton - 1 inch		7,012
11	1500' of 8" transite Atlantic Ave, N Hampton		6,998
12	Auburn Avenue Main Repla - Mains		6,903
13	620' 8" CICL Alden & 700' Glendale, N Hampton		6,871
14	620' 8" CICL Alden & 700' Glendale, N Hampton		6,871
15	Install Electrical Upgrades, N Hampton		6,735
16	Electrify Sicard St Well Pumping Equip , Hampton		6,639
17	Well 8A Pump Replacement		6,545
18	Distribution Map Conversion, Nh		6,543
19	Purchase Fleet GPS		6,537
20	Install Well 8A VFD		6,453
21	5/8" Meters, Hampton		6,332
22	Well 6 Pump Motor Replacement		6,302
23	775' of 12" CICL in Lafayette Rd N Hampton		6,264
24	650' of 8" CICL in Church St, Hampton Beach		6,243
25	Well #20 & #21 Improv - Phase Iv, N Hamp		6,240
26	Server Upgrade @Hampton		6,200
27	SCADA System Upgrade & Review, Hamton		6,143
28	pump for Well #7 Hampton		6,125
29	1900' of 8" transite New Rd, N Hampton.		6,121
30	1900' of 8" transite New Rd, N Hampton.		6,121
31	2100' of 8" transite Lafayette Rd		6,062
32	1200' of 12 " transite pipe Mill Rd, N Hampton		6,022
33	Install 2 Work Stations, Hampton		5,955
34	New Meters - North Hampton - 5/8 inch		5,943
35	Meters, Rye, Nh		5,825
36	Router Installation/Integration, Hampton		5,824
37	Improvements in East Garage for Office Space		5,730
38	Periodic Meter Repl. - North Hampton - 1		5,699
39	SCADA upgrades		5,666
40	2160' of 6" transite Richard & Elain St, Hampton		5,636
41	Meters, Hampton		5,449
42	498' of 8" Transite "F" St., Hampton Beach		5,301
43	New Meters - Hampton - 2 inch		5,230
44	Periodic Meter Repl. - North Hampton - 2		5,181
45	Well 13B Redevelopment		5,047
46	Total individual retirement over \$5,000 for years 2012-2019		<u>3,417,546</u>
47			
48			
49			
50			
51			
52			
53			

MATERIALS & SUPPLIES

Aquarion Water Company of New Hampshire, Inc.  
Case No. DW 20-184

Test Year: Twelve Months Ended 12/31/19  
Schedule No. 2E  
Page 1 of 1

Line No.		December-18	January-19	February-19	March-19	April-19	May-19	June-19	July-19	August-19	September-19	October-19	November-19	December-19	13 Month Average
1															
2	<b>MATERIALS &amp; SUPPLIES - MONTHLY</b>														
3															
4	154000 SUPPLIES INVENTORY	\$ 634,902	\$ 633,888	\$ 650,437	\$ 654,994	\$ 650,099	\$ 658,026	\$ 674,402	\$ 706,268	\$ 676,255	\$ 658,129	\$ 678,667	\$ 684,255	\$ 679,106	\$ 665,202
5	154002 SUPPLIES INVENTORY	(479,063)	(481,808)	(485,175)	(488,423)	(491,226)	(493,845)	(496,621)	(502,450)	(506,555)	(511,681)	(514,964)	(517,675)	(519,380)	(499,137)
6		\$ 155,839	\$ 152,080	\$ 165,262	\$ 166,571	\$ 158,873	\$ 164,181	\$ 177,781	\$ 203,818	\$ 169,700	\$ 146,448	\$ 163,703	\$ 166,580	\$ 159,726	\$ 166,065
7															
8															
9															
10															
11		December-19	December-18	December-17	13 Mo. Avg										
12															
13	<b>MATERIALS &amp; SUPPLIES - YEARLY</b>														
14															
15	154000 SUPPLIES INVENTORY	\$ 679,106	\$ 634,902	\$ 552,786	\$ 665,202										
16	154002 SUPPLIES INVENTORY	(519,380)	(479,063)	(435,867)	(499,137)										
17		\$ 159,726	\$ 155,839	\$ 116,919	\$ 166,065										
18															
19															
20															
21															
22															

DEFERRED TAXES

Aquarion Water Company of New Hampshire, Inc.  
Case No. DW 20-184

Test Year: Twelve Months Ended 12/31/19  
Schedule No. 2F  
Page 1 of 1

Line No.	Description	December-18	January-19	February-19	March-19	April-19	May-19	June-19	July-19	August-19	September-19	October-19	November-19	December-19	13 Month Average
1															
2															
3	<b>Deferred Taxes</b>														
4															
5	186901 UNFUND DEFERRED ASSET - FAS 109	\$ 2,079,400	\$ 2,079,400	\$ 2,079,400	\$ 2,079,400	\$ 2,079,400	\$ 2,079,400	\$ 2,079,400	\$ 2,079,400	\$ 2,079,400	\$ 2,079,400	\$ 2,079,400	\$ 2,079,400	\$ 2,303,756	\$ 2,088,748
6	186904 FAS 158 Tax Effect Asset	(255,130)	(255,130)	(255,130)	(255,130)	(255,130)	(255,130)	(255,130)	(255,130)	(255,130)	(255,130)	(255,130)	(255,130)	(341,014)	(258,709)
7	186905 FAS 158 Reg Asset	255,130	255,130	255,130	255,130	255,130	255,130	255,130	255,130	255,130	255,130	255,130	255,130	341,014	258,709
8	186909 Unfunded Deferred Asset- AS 109	347,245	347,245	347,245	347,245	347,245	347,245	347,245	347,245	347,245	347,245	347,245	347,245	321,044	346,153
9		<u>\$ 2,426,645</u>	<u>\$ 2,426,645</u>	<u>\$ 2,426,645</u>	<u>\$ 2,426,645</u>	<u>\$ 2,426,645</u>	<u>\$ 2,426,645</u>	<u>\$ 2,426,645</u>	<u>\$ 2,426,645</u>	<u>\$ 2,426,645</u>	<u>\$ 2,426,645</u>	<u>\$ 2,426,645</u>	<u>\$ 2,426,645</u>	<u>\$ 2,624,800</u>	<u>\$ 2,434,901</u>
10															
11															
12	282001 Fdef Inc Tax-Flow Depr	\$ (2,078,928)	\$ (2,078,928)	\$ (2,078,928)	\$ (2,078,928)	\$ (2,078,928)	\$ (2,078,928)	\$ (2,078,928)	\$ (2,078,928)	\$ (2,078,928)	\$ (2,078,928)	\$ (2,078,928)	\$ (2,078,928)	\$ (2,303,284)	\$ (2,088,276)
13	283004 Deferred Taxes - FAS 109	(2,642,232)	(2,642,232)	(2,642,232)	(2,642,232)	(2,643,232)	(2,644,232)	(2,646,232)	(2,648,232)	(2,650,232)	(2,647,700)	(2,647,700)	(2,649,700)	(2,714,378)	(2,648,522)
14	283019 Def Tax - Flow Other	(163,686)	(163,686)	(163,686)	(163,686)	(163,686)	(163,686)	(163,686)	(163,686)	(163,686)	(163,686)	(163,686)	(163,686)	(157,614)	(163,433)
15	283020 Deferred Taxes - FAS 109	483,575	483,575	483,575	483,575	483,575	483,575	483,575	483,575	483,575	483,575	483,575	483,575	483,575	483,575
16	253021 EDIT Due to RP	(1,754,818)	(1,754,818)	(1,754,818)	(1,754,818)	(1,754,818)	(1,754,818)	(1,754,818)	(1,754,818)	(1,754,818)	(1,754,818)	(1,754,818)	(1,754,818)	(1,754,818)	(1,754,818)
17		<u>\$ (6,156,089)</u>	<u>\$ (6,156,089)</u>	<u>\$ (6,156,089)</u>	<u>\$ (6,156,089)</u>	<u>\$ (6,157,089)</u>	<u>\$ (6,158,089)</u>	<u>\$ (6,160,089)</u>	<u>\$ (6,162,089)</u>	<u>\$ (6,164,089)</u>	<u>\$ (6,161,557)</u>	<u>\$ (6,161,557)</u>	<u>\$ (6,163,557)</u>	<u>\$ (6,446,519)</u>	<u>\$ (6,171,474)</u>
18															
19															
20	<b>Total Deferred Taxes</b>	<u>\$ (3,729,444)</u>	<u>\$ (3,729,444)</u>	<u>\$ (3,729,444)</u>	<u>\$ (3,729,444)</u>	<u>\$ (3,730,444)</u>	<u>\$ (3,731,444)</u>	<u>\$ (3,733,444)</u>	<u>\$ (3,735,444)</u>	<u>\$ (3,737,444)</u>	<u>\$ (3,734,912)</u>	<u>\$ (3,734,912)</u>	<u>\$ (3,736,912)</u>	<u>\$ (3,821,719)</u>	<u>\$ (3,736,572)</u>
21															
22															
23															
24															
25															
26															

DEFERRED DEBITS

Aquarion Water Company of New Hampshire, Inc.  
Case No. DW 20-184

Test Year: Twelve Months Ended 12/31/19  
Schedule No. 2G  
Page 1 of 1

Line No.	Description	December-18	January-19	February-19	March-19	April-19	May-19	June-19	July-19	August-19	September-19	October-19	November-19	December-19	13 Month Average
1															
2															
3	<b>Deferred Expenses (net of amortization)</b>														
4	186015 Deferred Program Maintenance Costs	\$ 267	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 11
5	186032 Deferred Rate Case- AW Cos	-	-	8,110	9,025	10,284	10,284	10,284	10,284	10,284	10,284	10,284	10,284	10,284	8,712
6	186042 FAS 158 Net (Gain) Loss	905,408	905,408	905,408	897,604	897,604	897,604	830,224	830,224	830,224	802,927	802,927	802,927	846,786	856,598
7	186043 FAS 158 Prior Service Costs	(185,755)	(185,755)	(185,755)	(173,249)	(173,249)	(173,249)	(150,640)	(150,640)	(150,640)	(133,083)	(133,083)	(133,083)	189,983	(145,026)
8	186048 Def Rate Case - NH	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9	186303 Def Iss Cost - 5.9M NP	44,673	44,138	43,604	43,070	42,535	42,001	41,467	40,932	40,398	39,864	39,329	38,795	38,261	41,467
10	186547 Exeter Rd Tank Rehab	17,699	17,699	17,699	17,699	17,699	17,699	17,699	17,699	17,699	17,699	17,699	17,699	17,699	17,699
11		<b>\$ 782,291</b>	<b>\$ 781,490</b>	<b>\$ 789,066</b>	<b>\$ 794,149</b>	<b>\$ 794,873</b>	<b>\$ 794,339</b>	<b>\$ 749,034</b>	<b>\$ 748,500</b>	<b>\$ 747,965</b>	<b>\$ 737,691</b>	<b>\$ 737,156</b>	<b>\$ 736,622</b>	<b>\$ 1,103,013</b>	<b>\$ 779,461</b>
12															
13															
14															
15															
16															
17															
18															
19															
20															
21															
22															
23															
24															
25															

**CONTRIBUTIONS IN AID OF CONSTRUCTION (CIAC)**

Aquarion Water Company of New Hampshire, Inc.  
Case No. DW 20-184

Test Year: Twelve Months Ended 12/31/19  
Schedule No. 2H  
Page 1 of 1

Line No.	Description	December-18	January-19	February-19	March-19	April-19	May-19	June-19	July-19	August-19	September-19	October-19	November-19	December-19	13 Month Average
1															
2															
3	<b>Contributions in Aid of Construction (CIAC)</b>														
4															
5	271000 Expired Customer Advances	\$ (3,119,749)	\$ (3,119,749)	\$ (3,119,749)	\$ (3,119,749)	\$ (3,119,749)	\$ (3,119,749)	\$ (3,119,749)	\$ (3,119,749)	\$ (3,119,749)	\$ (3,119,749)	\$ (3,119,749)	\$ (3,119,749)	\$ (3,119,749)	\$ (3,119,749)
6	272000 Amort Contrib. in Aid of Construction	669,417	672,537	675,657	678,777	681,896	685,016	688,136	691,256	694,375	697,495	700,615	703,735	706,854	668,136
7		<u>\$ (2,450,332)</u>	<u>\$ (2,447,212)</u>	<u>\$ (2,444,092)</u>	<u>\$ (2,440,972)</u>	<u>\$ (2,437,853)</u>	<u>\$ (2,434,733)</u>	<u>\$ (2,431,613)</u>	<u>\$ (2,428,493)</u>	<u>\$ (2,425,374)</u>	<u>\$ (2,422,254)</u>	<u>\$ (2,419,134)</u>	<u>\$ (2,416,014)</u>	<u>\$ (2,412,895)</u>	<u>\$ (2,431,613)</u>
8															
9															
10															
11															
12	Hampton Balance at Acquisition	\$ 1,802,893													
13	<b>Aquarion Activity</b>														
14	Pre-acquisition adjustment	7,054													
15	William Woods	14,123													
16	Hampton Meadows	133,047													
17	Ridgmont Realty, LLC	18,281													
18	Parkway Development	4,712													
19	14 Lafayette Road Realty	10,201													
20	Abenaqui Meadows	58,231													
21	Asset Title Holding Co, LLC	42,700													
22	DPG Development	6,157													
23	Exeter Oak Realty	14,889													
24	Green & Co.	3,046													
25	Love Lane Realty, LLC	28,980													
26	Majestic Pine LLC	43,480													
27	Meadow Pond Ext.	4,197													
28	Park Ave.	4,000													
29	Richard Fucci	9,906													
30	Richard McDermatt	16,977													
31	Tracy Emerick	6,544													
32	Winterberry	115,138													
33	The Seacoast LLC	28,656													
34	Platinum Fence	11,000													
35	North Hampton Properties	296,703													
36	Pilot Construction	5,256													
37	Village @ Hampton Center	4,129													
38	Thibeault Corp.	2,000													
39	Department of Environmental Services	16,206													
40	<b>CIAC detail as of DW 12-085</b>	<u><b>2,708,506</b></u>													
41															
42	Baron Rd deposit	1,500													
43	Baron Rd costs	38,050													
44	Dalton Ln deposit	3,500													
45	Dalton Ln costs	27,269													
46	Sherburne Drive deposit	2,000													
47	Sherburn Drive costs	41,220													
48	Lafayette Crossing Mall deposit	1,200													
49	Lafayette Crossing Mall costs	31,708													
50	Lafayette Rd deposit	1,200													
51	Lafayette Rd costs	19,025													
52	Greystone Village deposit	1,500													
53	Greystone Village costs	76,099													
54	Drakeside Road deposit	250													
55	Drakeside Rd costs	16,065													
56	Witch Island Way deposit	1,200													
57	Witch Island Way costs	39,916													
58	Ocean Blvd deposit	200													
59	Ocean Blvd costs	14,586													
60	Landing Rd deposit	1,500													
61	Landing Rd costs	18,850													
62	High St deposit	1,200													
63	High St costs	26,635													
64	Jasand Inc. for Juniper Lane	26,653													
65	20 Keefe Ave	12,788													
66	Kuckleberry Lane	7,128													
67	<b>December 31, 2011 Balance</b>	<u><b>3,119,749</b></u>													

**RATE BASE**

**Aquarion Water Company of New Hampshire, Inc.**  
**Case No. DW 20-184**

**Test Year: Twelve Months Ended 12/31/19**  
**Schedule No. 3**  
**Page 1 of 1**

Line No.	Description	12/31/2019	12/31/2018	12/31/2017	13 Month Average	Pro Forma Adjustments <sup>1</sup>	Pro Forma	Reference
1								
2								
3	Plant in Service	\$ 49,337,846	\$ 46,103,736	\$ 42,663,229	\$ 46,801,074	\$ 6,695,500	\$ 56,033,346	3A
4								
5	Accumulated Depreciation	(13,570,353)	(13,113,738)	(12,186,029)	(13,098,049)	-	(13,570,353)	3B
6								
7	Net Plant in Service	<u>\$ 35,767,493</u>	<u>\$ 32,990,000</u>	<u>\$ 30,477,200</u>	<u>\$ 33,703,025</u>	<u>\$ 6,695,500</u>	<u>\$ 42,462,993</u>	
8								
9								
10	Add:							
11	Materials & Supplies	157,783	136,379	113,880	163,416		163,416	3B
12	Prepayments	166,586	198,893	168,799	89,815		89,815	3B
13	Deferred Tank Painting	17,699	17,966	21,175	17,710		17,710	3B
14	Working Capital Allowance <sup>2</sup>	267,683	242,581	242,797	255,615	(78,308)	177,307	3D
15								
16	Total Additions	<u>609,751</u>	<u>595,819</u>	<u>546,651</u>	<u>526,556</u>	<u>(78,308)</u>	<u>448,248</u>	
17								
18								
19	Less:							
20	Customer Advances	(727,819)	(579,120)	(290,717)	(652,006)		(652,006)	3C
21	Contributions in Aid of Constructions	(2,412,895)	(2,450,331)	(2,440,687)	(2,431,613)		(2,431,613)	3C
22	Reserve for Deferred Taxes	(3,821,719)	(3,729,444)	(3,588,779)	(3,736,572)		(3,736,572)	3C
23								
24	Total Deductions	<u>(6,962,433)</u>	<u>(6,758,895)</u>	<u>(6,320,183)</u>	<u>(6,820,191)</u>	<u>-</u>	<u>(6,820,191)</u>	
25								
26								
27	<b>Total Rate Base</b>	<u><b>\$ 29,414,811</b></u>	<u><b>\$ 26,826,924</b></u>	<u><b>\$ 24,703,668</b></u>	<u><b>\$ 27,409,390</b></u>	<u><b>\$ 6,617,192</b></u>	<u><b>\$ 36,091,050</b></u>	
28								
29	Utility Operating Income <sup>3</sup>	\$ 1,942,413	\$ 2,290,998	\$ 2,162,110	\$ 1,942,413		\$ 1,942,413	Sch 1
30								
31	Return on Rate Base (RORB)	6.60%	8.54%	8.75%	7.09%		5.38%	
32								
33								

<p>1) Pro Forma Adjustment adjusts 13 month average of Plant in Service to 12/31/2019 levels.                  2) Pro Forma Adjustment to reduce working capital to 5.39% based on lag study found in Standard Filing Requirements, response #26.                  3) Utility operating income is a rolling 12 month figure.</p>
--

UTILITY PLANT IN SERVICE

Aquarion Water Company of New Hampshire, Inc.  
Case No. DW 20-184

Test Year: Twelve Months Ended 12/31/19  
Schedule No. 3A  
Page 1 of 1

Line No.	Description	December-18	January-19	February-19	March-19	April-19	May-19	June-19	July-19	August-19	September-19	October-19	November-19	December-19	13 Month Average
1															
2															
3	<b>Plant in Service</b>														
4	101301 Organization	\$ 17,700	\$ 17,700	\$ 17,700	\$ 17,700	\$ 17,700	\$ 17,700	\$ 17,700	\$ 17,700	\$ 17,700	\$ 17,700	\$ 17,700	\$ 17,700	\$ 17,700	\$ 17,700
5	101303 Miscellaneous Intangible Plant	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6	101310 Source Land and Land Rights	635,643	635,643	635,643	635,643	635,643	635,643	635,643	635,643	635,643	635,643	635,643	635,643	635,643	635,643
7	101311 Source Structures and Improvements	645,199	645,199	645,199	645,199	645,199	645,199	645,199	645,199	645,199	645,199	645,199	645,199	642,550	645,088
8	101312 Collecting & Impounding Reservoirs	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9	101314 Wells and Springs	2,655,327	2,637,269	2,637,269	2,634,883	2,684,175	2,684,513	2,750,113	2,976,181	3,594,184	3,604,706	3,606,663	3,608,558	3,140,638	3,026,375
10	101316 Supply Mains	137,490	137,490	137,490	137,490	137,490	137,490	137,490	137,490	137,490	137,490	137,490	137,490	137,490	137,490
11	101317 Other Water Source Plant	1,723,261	1,723,261	1,723,261	1,723,261	1,723,261	1,723,261	1,723,261	1,723,261	1,723,261	1,723,261	1,723,261	1,723,261	1,723,261	1,723,261
12	101320 Pumping Land and Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13	101321 Pumping Structures and Improvements	1,403,286	1,388,128	1,388,128	1,388,128	1,388,128	1,388,128	1,388,128	1,388,128	1,388,128	1,388,128	1,388,128	1,388,128	1,392,388	1,388,937
14	101325 Electric Pumping Equipment	880,595	867,795	867,795	867,795	867,795	862,899	862,899	989,000	945,508	945,508	945,508	945,508	907,573	905,174
15	101326 Diesel Pumping Equipment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
16	101328 Other Pumping Equipment	32,076	32,076	32,076	32,076	32,076	32,076	32,076	32,076	32,076	32,076	32,076	32,076	32,076	32,076
17	101331 Treatment Structures and Improvements	58,588	58,588	58,588	58,588	58,588	58,588	58,588	58,588	58,588	58,588	58,588	58,588	58,588	58,588
18	101332 Treatment Equipment	217,410	217,410	217,410	217,410	219,741	220,079	220,079	650,785	397,190	404,560	404,560	414,580	231,134	317,339
19	101340 T&D Land and Land Rights	314,551	314,551	314,551	314,551	314,551	314,551	314,551	314,551	314,551	314,551	314,551	314,551	314,551	314,551
20	101341 T&D Structures and Improvements	32,894	32,894	32,894	32,894	32,894	32,894	32,894	32,894	32,894	32,894	32,894	32,894	32,894	32,894
21	101342 Distribution Reservoirs and Standpipes	2,708,344	2,708,344	2,708,344	2,708,344	2,708,344	2,708,344	2,708,344	2,708,344	2,708,344	2,708,344	2,708,344	2,708,344	2,708,344	2,708,344
22	101343 Transmission and Distribution Mains	24,025,647	24,032,225	24,032,568	24,032,568	24,042,761	24,046,629	24,289,284	24,626,883	24,307,459	24,310,701	24,311,305	26,548,147	26,634,035	24,492,531
23	101345 Services	5,653,028	5,656,718	5,659,551	5,661,311	5,667,757	5,678,806	5,689,708	5,700,371	5,717,352	5,731,344	5,738,570	5,743,297	5,731,679	5,694,761
24	101346 Meters	1,738,397	1,262,531	1,278,477	1,298,979	1,304,875	1,331,874	1,347,835	1,361,026	1,388,521	1,410,327	1,415,717	1,418,720	1,620,461	1,374,859
25	101347 Meter Installations	198,719	198,719	198,719	198,719	198,719	198,719	198,719	198,719	198,719	198,719	198,719	198,719	198,719	198,719
26	101348 Hydrants	676,187	676,031	676,031	679,121	679,121	681,252	681,582	682,081	710,341	710,854	711,020	711,353	709,986	690,989
27	101349 Other T&D Plant	178,436	178,436	178,436	178,436	178,436	178,436	178,436	178,436	178,436	178,436	178,436	178,436	178,436	178,436
28	101390 General Structures and Improvements	554,562	554,562	566,029	566,029	566,029	566,029	566,029	566,029	566,029	566,029	566,029	566,029	566,029	564,595
29	101391 Office Furniture and Equipment	9,764	9,764	9,764	6,514	6,650	6,650	6,650	6,650	6,650	6,650	6,650	6,650	6,650	7,287
30	101391H Computer Equipment - Hardware	184,413	184,413	184,413	184,413	184,413	184,413	184,413	184,413	184,413	184,413	184,413	184,413	184,413	184,413
31	101391S Computer Equipment - Software	419,295	419,295	419,295	419,295	419,295	419,295	419,295	419,295	419,295	419,295	419,295	419,295	419,295	419,295
32	101392 Transportation Equipment	550,249	550,249	556,115	558,058	558,142	558,142	558,142	631,479	631,479	632,227	666,548	666,672	644,403	597,048
33	101393 Stores Equipment	331	331	331	331	331	331	331	331	331	331	331	331	331	331
34	101394 Tools, Shop, and Garage Equipment	87,849	87,849	87,849	87,849	87,849	87,849	87,849	87,849	87,849	87,849	87,849	87,849	87,849	87,849
35	101395 Laboratory Equipment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
36	101396 Power Operated Equipment	109,715	109,715	109,715	109,715	109,715	109,715	109,715	109,715	109,715	109,715	109,715	109,715	109,715	109,715
37	101397 Communications Equipment	51,553	51,553	51,553	51,553	51,553	51,553	51,553	51,553	51,553	51,553	51,553	51,553	51,553	51,553
38	101398 Miscellaneous Equipment	203,228	203,228	203,228	203,228	203,228	203,228	203,228	203,228	203,228	203,228	203,228	219,123	219,461	205,229
39															
40		\$ 46,103,736	\$ 45,591,967	\$ 45,628,422	\$ 45,650,081	\$ 45,724,459	\$ 45,764,286	\$ 46,099,733	\$ 47,317,899	\$ 47,392,125	\$ 47,450,318	\$ 47,499,982	\$ 49,772,822	\$ 49,337,846	\$ 46,801,074

RATE BASE ADDITIONS

Aquarion Water Company of New Hampshire, Inc.  
Case No. DW 20-184

Test Year: Twelve Months Ended 12/31/19  
Schedule No. 3B  
Page 1 of 1

Line No.	Description	December-18	January-19	February-19	March-19	April-19	May-19	June-19	July-19	August-19	September-19	October-19	November-19	December-19	13 Month Average
1															
2															
3	<b>Accumulated Depreciation</b>														
4	111001 ACCUM DEPRECIATION - UTILITY PLANT	\$ (18,586,771)	\$ (18,681,082)	\$ (18,776,334)	\$ (18,833,345)	\$ (18,931,213)	\$ (19,027,454)	\$ (19,082,329)	\$ (19,184,580)	\$ (19,281,442)	\$ (19,349,510)	\$ (19,447,553)	\$ (19,546,173)	\$ (19,611,171)	\$ (19,103,332)
5	111002 ACCUM DEPR (PROCEEDS FROM SALE)	(70,152)	(70,152)	(70,152)	(70,152)	(70,152)	(70,152)	(70,152)	(70,152)	(70,152)	(77,133)	(77,133)	(77,133)	(77,133)	(72,188)
6	111003 COST OF REMOVAL OF UTILITY PLANT	188,963	188,963	188,963	188,963	188,963	188,963	188,963	188,963	188,963	188,963	188,963	188,963	188,963	188,963
7	111004 ACCUM DEPR - CAP PENSION - OTHER	(69)	(69)	(69)	(74)	(74)	(74)	(39)	(39)	(39)	21	21	21	-	-
8	111005 ACCUM DEPR - CAP PENSION - OTHER													101	-
9	111010 ACCUM DEPR (AVD RETIREMENTS)	5,354,291	5,892,613	5,892,613	5,900,350	5,904,426	5,918,644	5,918,644	5,918,644	5,918,644	5,918,644	5,918,644	5,918,644	5,928,887	5,888,508
10		\$ (13,113,738)	\$ (12,669,727)	\$ (12,764,979)	\$ (12,814,258)	\$ (12,908,050)	\$ (12,990,073)	\$ (13,044,913)	\$ (13,147,164)	\$ (13,244,026)	\$ (13,319,015)	\$ (13,417,058)	\$ (13,515,678)	\$ (13,570,353)	\$ (13,098,049)
11															
12															
13	<b>Net Utility Plant</b>	\$ 32,989,998	\$ 32,922,240	\$ 32,863,443	\$ 32,835,823	\$ 32,816,409	\$ 32,774,213	\$ 33,054,820	\$ 34,170,735	\$ 34,148,099	\$ 34,131,303	\$ 34,082,924	\$ 36,257,144	\$ 35,767,493	\$ 33,703,025
14															
15	<b>ADD:</b>														
16															
17	<b>Materials &amp; Supplies</b>														
18	CURRENT YEAR	\$ 155,839	\$ 152,080	\$ 165,262	\$ 166,571	\$ 158,873	\$ 164,181	\$ 177,781	\$ 203,818	\$ 169,700	\$ 146,448	\$ 163,703	\$ 166,580	\$ 159,726	\$ 166,065
19	PRIOR YEAR	116,919	124,564	216,060	201,406	188,404	178,414	160,648	144,282	144,483	133,404	157,482	143,683	155,839	160,767
20		\$ 136,379	\$ 136,322	\$ 190,661	\$ 183,989	\$ 173,639	\$ 171,298	\$ 169,215	\$ 174,050	\$ 157,092	\$ 139,926	\$ 160,593	\$ 155,132	\$ 157,783	\$ 163,416
21															
22															
23	<b>Deferred Tank Painting</b>	\$ 17,966	\$ 17,699	\$ 17,699	\$ 17,699	\$ 17,699	\$ 17,699	\$ 17,699	\$ 17,699	\$ 17,699	\$ 17,699	\$ 17,699	\$ 17,699	\$ 17,699	\$ 17,710
24															
25	<b>Prepayments</b>														
26	165000 MISC PREPAYMENTS	\$ 50,371	\$ 23,509	\$ 23,309	\$ 22,709	\$ 25,709	\$ 24,709	\$ 24,509	\$ 24,309	\$ 24,309	\$ 24,109	\$ 23,909	\$ 23,509	\$ 23,309	\$ 25,120
27	165002 PREPAID PROPERTY TAXES	127,378	68,250	9,122	(22,050)	(81,178)	(140,306)	103,074	44,701	(13,672)	(22,045)	(80,418)	128,827	121,621	9,900
28	165003 PREPAID INSURANCE	2,774	(6,381)	81,504	79,101	70,048	61,566	52,411	43,256	34,101	24,946	15,791	6,636	2,922	38,819
29	165004 PREPAID MAINTENANCE CONTRACTS	-	1,375	1,250	1,125	1,000	875	750	625	500	375	250	125	-	688
30	165005 PREPAID PUC (PURA) ASSESSMENT	13,382	11,152	8,922	6,691	4,461	2,230	-	(2,230)	22,812	20,530	18,249	15,968	13,687	10,193
31	165006 PREPAID DUES AND SUBSCRIPTIONS	3,263	2,401	1,539	676	(186)	5,803	4,912	4,021	3,129	4,475	3,584	4,219	3,323	3,156
32	165011 PREPAID BOND TRUSTEE FEES	1,724	1,293	862	431	-	(431)	4,310	3,879	3,448	3,017	2,586	2,155	1,724	1,940
33		\$ 198,893	\$ 101,599	\$ 126,508	\$ 88,683	\$ 19,854	\$ (45,584)	\$ 189,966	\$ 118,561	\$ 74,627	\$ 55,407	\$ (16,049)	\$ 181,439	\$ 166,586	\$ 89,815
34															
35															
36	<b>Working Capital Allowance</b>	\$ 242,581	\$ 242,508	\$ 240,855	\$ 245,003	\$ 248,076	\$ 248,382	\$ 252,061	\$ 251,985	\$ 271,048	\$ 272,348	\$ 270,974	\$ 269,008	\$ 267,683	\$ 255,615
37															
38															
39	<b>Total Additions to Rate Base</b>	\$ 33,585,817	\$ 33,422,368	\$ 33,439,166	\$ 33,371,196	\$ 33,275,677	\$ 33,166,037	\$ 33,683,761	\$ 34,733,030	\$ 34,668,564	\$ 34,616,683	\$ 34,516,140	\$ 36,880,421	\$ 36,377,244	\$ 34,229,581
40															

RATE BASE DEDUCTIONS

Aquarion Water Company of New Hampshire, Inc.  
Case No. DW 20-184

Test Year: Twelve Months Ended 12/31/19  
Schedule No. 3C  
Page 1 of 1

Line No.	Description	December-18	January-19	February-19	March-19	April-19	May-19	June-19	July-19	August-19	September-19	October-19	November-19	December-19	13 Month Average
1															
2															
3	<b>DEDUCT:</b>														
4															
5															
6	<b>Customer Advances</b>														
7	252000 Customer Advances - Deposit	\$ (579,120)	\$ (579,120)	\$ (585,972)	\$ (592,824)	\$ (597,125)	\$ (613,021)	\$ (648,590)	\$ (642,672)	\$ (727,819)	\$ (727,819)	\$ (727,819)	\$ (727,819)	\$ (727,819)	\$ (652,006)
8		\$ (579,120)	\$ (579,120)	\$ (585,972)	\$ (592,824)	\$ (597,125)	\$ (613,021)	\$ (648,590)	\$ (642,672)	\$ (727,819)	\$ (727,819)	\$ (727,819)	\$ (727,819)	\$ (727,819)	\$ (652,006)
9															
10	<b>Contributions in Aid of Construction (CIAC)</b>														
11	271000 Expired Customer Advances	\$ (3,119,749)	\$ (3,119,749)	\$ (3,119,749)	\$ (3,119,749)	\$ (3,119,749)	\$ (3,119,749)	\$ (3,119,749)	\$ (3,119,749)	\$ (3,119,749)	\$ (3,119,749)	\$ (3,119,749)	\$ (3,119,749)	\$ (3,119,749)	\$ (3,119,749)
12	272000 Amort Contrib. in Aid of Construction	669,417	672,537	675,657	678,777	681,896	685,016	688,136	691,256	694,375	697,495	700,615	703,735	706,854	688,136
13		\$ (2,450,331)	\$ (2,447,212)	\$ (2,444,092)	\$ (2,440,972)	\$ (2,437,853)	\$ (2,434,733)	\$ (2,431,613)	\$ (2,428,493)	\$ (2,425,374)	\$ (2,422,254)	\$ (2,419,134)	\$ (2,416,014)	\$ (2,412,895)	\$ (2,431,613)
14															
15	<b>Deferred Taxes</b>														
16	186901 UNFUND DEFERRED ASSET - FAS 109	\$ 2,079,400	\$ 2,079,400	\$ 2,079,400	\$ 2,079,400	\$ 2,079,400	\$ 2,079,400	\$ 2,079,400	\$ 2,079,400	\$ 2,079,400	\$ 2,079,400	\$ 2,079,400	\$ 2,079,400	\$ 2,303,756	\$ 2,088,748
17	186904 FAS 158 Tax Effect Asset	(255,130)	(255,130)	(255,130)	(255,130)	(255,130)	(255,130)	(255,130)	(255,130)	(255,130)	(255,130)	(255,130)	(255,130)	(341,014)	(258,709)
18	186905 FAS 158 Reg Asset	255,130	255,130	255,130	255,130	255,130	255,130	255,130	255,130	255,130	255,130	255,130	255,130	341,014	258,709
19	186909 Unfunded Deferred Asset- AS 109	347,245	347,245	347,245	347,245	347,245	347,245	347,245	347,245	347,245	347,245	347,245	347,245	321,044	346,153
20	282001 Fdef Inc Tax-Flow Depr	(2,078,928)	(2,078,928)	(2,078,928)	(2,078,928)	(2,078,928)	(2,078,928)	(2,078,928)	(2,078,928)	(2,078,928)	(2,078,928)	(2,078,928)	(2,078,928)	(2,303,284)	(2,088,276)
21	283004 Deferred Taxes - FAS 109	(2,642,232)	(2,642,232)	(2,642,232)	(2,642,232)	(2,642,232)	(2,642,232)	(2,642,232)	(2,642,232)	(2,642,232)	(2,642,232)	(2,642,232)	(2,642,232)	(2,714,378)	(2,648,522)
22	283019 Def Tax - Flow Other	(163,686)	(163,686)	(163,686)	(163,686)	(163,686)	(163,686)	(163,686)	(163,686)	(163,686)	(163,686)	(163,686)	(163,686)	(157,614)	(163,433)
23	283020 Deferred Taxes - FAS 109	483,575	483,575	483,575	483,575	483,575	483,575	483,575	483,575	483,575	483,575	483,575	483,575	483,575	483,575
24	253021 EDIT Due to RP	(1,754,818)	(1,754,818)	(1,754,818)	(1,754,818)	(1,754,818)	(1,754,818)	(1,754,818)	(1,754,818)	(1,754,818)	(1,754,818)	(1,754,818)	(1,754,818)	(1,754,818)	(1,754,818)
25		\$ (3,729,444)	\$ (3,729,444)	\$ (3,729,444)	\$ (3,729,444)	\$ (3,730,444)	\$ (3,731,444)	\$ (3,733,444)	\$ (3,735,444)	\$ (3,737,444)	\$ (3,739,412)	\$ (3,734,912)	\$ (3,736,912)	\$ (3,821,719)	\$ (3,736,572)
26															
27															
28	<b>Total Deductions from Rate Base</b>	\$ (6,758,895)	\$ (6,755,776)	\$ (6,759,508)	\$ (6,763,240)	\$ (6,765,422)	\$ (6,779,198)	\$ (6,813,647)	\$ (6,806,609)	\$ (6,890,637)	\$ (6,884,985)	\$ (6,881,865)	\$ (6,880,745)	\$ (6,962,433)	\$ (6,820,191)
29															
30															
31	<b>Total Rate Base</b>	\$ 59,816,920	\$ 59,588,833	\$ 59,543,101	\$ 59,443,779	\$ 59,326,664	\$ 59,161,052	\$ 59,924,934	\$ 62,097,156	\$ 61,926,026	\$ 61,863,000	\$ 61,717,199	\$ 60,256,820	\$ 65,182,304	\$ 61,112,414
32															
33															
34															
35															
36															
37															
38															
39															
40															

**WORKING CAPITAL**

Aquarion Water Company of New Hampshire, Inc.  
Case No. DW 20-184

Test Year: Twelve Months Ended 12/31/19  
Schedule No. 3D  
Page 1 of 1

Line No.	Description	Dec-17	Dec-18	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	13 Mo. Average
1																
2	<b>Monthly O&amp;M Expenses</b>															
3	Jan-09	\$ 227,097														
4	Feb-09	215,688														
5	Mar-09	240,422														
6	Apr-09	242,266														
7	May-09	256,734														
8	Jun-09	254,660														
9	Jul-09	236,272														
10	Aug-09	314,882														
11	Sep-09	265,156														
12	Oct-09	305,716														
13	Nov-09	190,743														
14	Dec-09	285,327														
15	Jan-18	\$ 282,125														
16	Feb-18	261,660	\$ 261,660													
17	Mar-18	234,859	234,859	\$ 234,859												
18	Apr-18	229,061	229,061	229,061	\$ 229,061											
19	May-18	268,580	268,580	268,580	268,580	\$ 268,580										
20	Jun-18	206,929	206,929	206,929	206,929	206,929	\$ 206,929									
21	Jul-18	261,132	261,132	261,132	261,132	261,132	261,132	\$ 261,132								
22	Aug-18	256,705	256,705	256,705	256,705	256,705	256,705	256,705	\$ 256,705							
23	Sep-18	255,126	255,126	255,126	255,126	255,126	255,126	255,126	255,126	\$ 255,126						
24	Oct-18	267,593	267,593	267,593	267,593	267,593	267,593	267,593	267,593	267,593	\$ 267,593					
25	Nov-18	259,713	259,713	259,713	259,713	259,713	259,713	259,713	259,713	259,713	259,713	\$ 259,713				
26	Dec-18	248,781	248,781	248,781	248,781	248,781	248,781	248,781	248,781	248,781	248,781	248,781	\$ 248,781			
27	Jan-19		281,215	281,215	281,215	281,215	281,215	281,215	281,215	281,215	281,215	281,215	281,215	\$ 281,215		
28	Feb-19			240,995	240,995	240,995	240,995	240,995	240,995	240,995	240,995	240,995	240,995	240,995	240,995	
29	Mar-19				286,702	286,702	286,702	286,702	286,702	286,702	286,702	286,702	286,702	286,702	286,702	
30	Apr-19					267,485	267,485	267,485	267,485	267,485	267,485	267,485	267,485	267,485	267,485	
31	May-19						272,401	272,401	272,401	272,401	272,401	272,401	272,401	272,401	272,401	
32	Jun-19							252,911	252,911	252,911	252,911	252,911	252,911	252,911	252,911	
33	Jul-19								260,186	260,186	260,186	260,186	260,186	260,186	260,186	
34	Aug-19									494,992	494,992	494,992	494,992	494,992	494,992	
35	Sep-19										271,373	271,373	271,373	271,373	271,373	
36	Oct-19											250,420	250,420	250,420	250,420	
37	Nov-19												235,135	235,135	235,135	
38	Dec-19														232,225	
39																
40	Total O&M	\$ 3,034,963	\$ 3,032,264	\$ 3,031,354	\$ 3,010,689	\$ 3,062,532	\$ 3,100,956	\$ 3,104,777	\$ 3,150,759	\$ 3,149,813	\$ 3,388,100	\$ 3,404,347	\$ 3,387,174	\$ 3,362,596	\$ 3,346,040	\$ 3,194,723
41																
42	Rate <sup>1</sup>	5.55%	5.55%													5.55%
43																5.55%
44	Working Capita	\$ 168,440	\$ 168,291												\$ 185,705	\$ 177,307
45																
46																
47																
48																
49																
50																

1.) Rate based on lag study found in Standard Filing Requirements, response #26.

**OVERALL RATE OF RETURN**

Aquarion Water Company of New Hampshire, Inc.  
Case No. DW 20-184

Test Year: Twelve Months Ended 12/31/19  
Schedule No. 4  
Page 1 of 1

Line No.	Description	Component Ratio	Component Cost Rate	Weighted Average Cost Rate
1				
2		<i>Capital Structure as of 12/31/2019</i>		
3				
4	Short Term Debt	3.79%	2.42%	0.09%
5				
6	Long Term Debt	43.85%	6.14%	2.69%
7				
8	Preferred Stock	0.01%	6.00%	0.00%
9				
10	Common Equity	52.36%	10.25%	5.37%
11				
12	<b>Total</b>	<b>100.00%</b>		<b>8.15%</b>
13				
14				
15				
16				
17				
18				
19				
20				
21				
22				
23				
24				
25				
26				
27				
28				
29				
30				
31				
32				
33				
34				
35				
36				
37				
38				
39				
40				
41				

**CAPITAL STRUCTURE FOR RATEMAKING PURPOSES**

Aquarion Water Company of New Hampshire, Inc.  
Case No. DW 20-184

Test Year: Twelve Months Ended 12/31/19  
Schedule No. 4A  
Page 1 of 1

Line No.	Description	12/31/2019	Adj	Adj 12/31/2019	Ratio	Component Cost	Weighted Cost
1							
2							
3							
4	S/T Debt	\$ 1,200,000		1,200,000	3.79%	2.42%	0.09%
5	Long Term Debt	13,900,000		13,900,000	43.85%	6.14%	2.69%
6	Total Debt	<u>\$ 15,100,000</u>		<u>\$ 15,100,000</u>	<u>47.63%</u>	<u>5.84%</u>	<u>2.78%</u>
7							
8							
9	Preferred Stock	\$ 2,300		\$ 2,300	0.01%	6.00%	0.00%
10							
11	Stockholder's Equity:						
12	Common Stock	\$ 2,187,075					
13	Paid in Capital	3,557,940					
14	Contributed Capital	2,480,250					
15	Retained Earnings	<u>8,373,058</u>					
16	Common Equity	<u>\$ 16,598,323</u>	\$ -	\$ 16,598,323	52.36%	10.25%	5.37%
17							
18							
19							
20	<b>Total Capitalization</b>	<b>\$ 31,700,623</b>	<b>\$ -</b>	<b>\$ 31,700,623</b>	<b>100.00%</b>		<b>8.15%</b>
21							
22							
23							
24							
25							
26							
27							
28							
29							
30							
31							
32							
33							
34							
35							
36							
37							
38							
39							
40							

## HISTORICAL CAPITAL STRUCTURE

Aquarion Water Company of New Hampshire, Inc.  
Case No. DW 20-184

Test Year: Twelve Months Ended 12/31/19  
Schedule No. 4B  
Page 1 of 1

Line No.	Description	Pro Forma	31-Dec 2019	31-Dec 2018	31-Dec 2017	31-Dec 2016	31-Dec 2015	31-Dec 2014
1								
2								
3	Inter-Company Debt	\$ 1,200,000	\$ 1,200,000	\$ 300,000	\$ -	\$ -	\$ -	\$ -
4	Long Term Debt	13,900,000	13,900,000	13,900,000	13,900,000	13,900,000	13,900,000	13,900,000
5								
6	Preferred Stock	2,300	2,300	2,300	2,300	2,300	2,300	2,300
7								
8	Common Stock	16,598,323	16,598,323	13,504,849	12,025,032	11,294,176	10,912,638	11,029,900
9								
10								
11								
12		<u>\$ 31,700,623</u>	<u>\$ 31,700,623</u>	<u>\$ 27,707,149</u>	<u>\$ 25,927,332</u>	<u>\$ 25,196,476</u>	<u>\$ 24,814,938</u>	<u>\$ 24,932,200</u>
13								
14								
15								
16								
17								
18								
19								
20								
21								
22								
23								
24								
25								
26								
27								
28								
29								
30								
31								
32								
33								
34								
35								
36								
37								
38								
39								

## CAPITALIZATION RATIOS

**Aquarion Water Company of New Hampshire, Inc.**  
**Case No. DW 20-184**

**Test Year: Twelve Months Ended 12/31/19**  
**Schedule No. 4C**  
**Page 1 of 1**

Line No.	Description	Pro Forma	31-Dec 2019	31-Dec 2018	31-Dec 2017	31-Dec 2016	31-Dec 2015	31-Dec 2014
1								
2								
3	Inter-Company Debt	3.79%	3.79%	1.08%	0.00%	0.00%	0.00%	0.00%
4	Long Term Debt	43.85%	43.85%	50.17%	53.61%	55.17%	56.01%	55.75%
5								
6	Preferred Stock	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%
7								
8	Common Stock	52.36%	52.36%	48.74%	46.38%	44.82%	43.98%	44.24%
9								
10								
11								
12		<u>100.00%</u>	<u>100.00%</u>	<u>100.00%</u>	<u>100.00%</u>	<u>100.00%</u>	<u>100.00%</u>	<u>100.00%</u>
13								
14								
15								
16								
17								
18								
19								
20								

**WEIGHTED AVERAGE COST OF LONG TERM DEBT**

Aquarion Water Company of New Hampshire, Inc.  
Case No. DW 20-184

Test Year: Twelve Months Ended 12/31/19  
Schedule No. 4D  
Page 1 of 1

Line No.	Issue	Issuance Date	Face Value	Financing Costs	Net Proceeds Ratio	Amount Outstanding	Coupon Rate	Annual Interest	Cost Rate	Annual Cost	Debt Weighting	Weighted Average Cost Rate	
1													
2													
3													
						<i>December 31, 2019 per Books</i>							
4	7.71% Private Placement (30 yr)	Nov-93	3,000,000	55,296	98.16%	3,000,000	7.71%	231,300	7.87%	236,100	21.58%	1.70%	
5	6.21% Private Placement (30 yr)	Aug-05	5,900,000	200,891	96.60%	5,900,000	6.21%	366,390	6.47%	381,730	42.45%	2.75%	
6	4.45% Private Placement (10 yr)	Jul-12	5,000,000	97,507	98.05%	5,000,000	4.45%	222,500	4.70%	235,000	35.97%	1.69%	
7													
8						<u>\$ 13,900,000</u>				<u>\$ 852,830</u>		<u>6.14%</u>	
9													
10													
11													
12													
13													
14													
15													
16													
17													
18													
19													
20													
21													
22													
23													
24													
25													
26													
27													
28													
29													
30													

**WEIGHTED AVERAGE COST OF SHORT TERM DEBT**

Aquarion Water Company of New Hampshire, Inc.  
Case No. DW 20-184

Test Year: Twelve Months Ended 12/31/19  
Schedule No. 4E  
Page 1 of 1

Line No.	Issue	Issuance Date	Face Value	Financing Costs	Net Proceeds Ratio	Amount Outstanding	Coupon Rate <sup>1</sup>	Annual Interest	Cost Rate	Annual Cost	Debt Weighting	Weighted Average Cost Rate
1												
2												
3						<i>December 31, 2019 per Books</i>						
4	Intercompany Notes Payable	-ongoing-	\$ 1,200,000	-	N/A	\$ 1,200,000	2.42%	29,065	0.00%	\$ 29,065	N/A	N/A
5												
6												
7												
8						<u>\$ 1,200,000</u>				<u>\$ 29,065</u>		
9												
10	1. Represents average intercompany borrowing rate charged by Parent (12 month avg)											
11												
12												
13												
14												
15												
16												
17												
18												

**WEIGHTED AVERAGE COST OF PREFERRED STOCK**

Aquarion Water Company of New Hampshire, Inc.  
Case No. DW 20-184

Test Year: Twelve Months Ended 12/31/19  
Schedule No. 4F  
Page 1 of 1

Line No.	Issue	Issuance Date	Face Value	Financing Costs	Net Proceeds Ratio	Amount Outstanding	Coupon Rate	Annual Interest	Cost Rate	Annual Cost	Debt Weighting	Weighted Average Cost Rate
1												
2												
3												
4												
5	6% SERIES		2,300	-	100.0%	2,300	6.00%	138	6.00%	138	100.00%	6.00%
6												
7												
8						<u>2,300</u>				<u>\$ 138</u>		<u>6.00%</u>
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												

**BILL ANALYSIS - TOTAL METERED**

**Aquarion Water Company of New Hampshire, Inc.**  
**Case No. DW 20-184**

**Test Year: Twelve Months Ended 12/31/19**  
**Schedule No. 5A**  
**Page 1 of 1**

Line No.	Class/Description	Pro Forma at Present Rates			Pro Forma at Proposed Rates			Dollar Change	Total Revenue % Change
		Sales (100CF)	Total Revenue	% Revenue to Total	Sales (100CF)	Total Revenue	% Revenue to Total		
1	Monthly Billing:								
2	Residential	528,517	\$ 4,202,086	55.17%	524,171	\$ 5,062,155	56.31%	\$ 860,069	20.47%
3	Commercial	196,168	1,263,852	16.59%	196,168	1,420,651	15.80%	156,799	12.41%
4	Industrial	1,584	9,150	0.12%	1,584	9,860	0.11%	710	7.76%
5	Other Public Authority	16,933	112,266	1.47%	16,933	127,077	1.41%	14,811	13.19%
6	Public Fire		926,116	12.16%		1,131,877	12.59%	205,761	22.22%
7	Private Fire		457,261	6.00%		508,677	5.66%	51,416	11.24%
8									
9	Seasonal Billing:								
10	Residential	9,698	273,634	3.59%	9,698	323,535	3.60%	49,901	18.24%
11	Commercial	16,449	126,406	1.66%	16,449	150,361	1.67%	23,954	18.95%
12	Public Authority	1,989	24,094	0.32%	1,989	27,717	0.31%	3,624	15.04%
13	<b>Total</b>		<b>\$ 7,394,866</b>	<b>97.09%</b>		<b>\$ 8,761,910</b>	<b>97.46%</b>	<b>\$ 1,367,044</b>	<b>18.49%</b>
14									
15	Pro Forma Other								
16	Late Payment Fee		\$ 31,027	0.41%		\$ 36,765	0.41%	\$ 5,738	18.49%
17	Antenna Rental Income		163,511	2.15%		163,511	1.82%	-	0.00%
18	Misc. Operating Revenues		27,389	0.36%		27,389	0.30%	-	0.00%
19			<b>\$ 221,927</b>	<b>2.91%</b>		<b>\$ 227,665</b>	<b>2.53%</b>	<b>\$ 5,738</b>	<b>2.59%</b>
20									
21	Adj. for rate design					\$ 568	0.01%	\$ 568	
22									
23	Pro Forma Total								
24	Operating Revenues		<b>\$ 7,616,793</b>	<b>100.00%</b>		<b>\$ 8,990,143</b>	<b>100.00%</b>	<b>\$ 1,373,351</b>	<b>18.03%</b>
25									
26									
27									
28									
29									
30									
31									
32									
33									
34									
35									

**BILL ANALYSIS - RESIDENTIAL**

Aquarion Water Company of New Hampshire, Inc.  
Case No. DW 20-184

Test Year: Twelve Months Ended 12/31/19  
Schedule No. 5B  
Page 1 of 1

Line No.	Class/Description	Customer Meter Billings	Sales (100CF)	Current Rate	Total Revenue	% Revenue To Total	Sales (100CCF)	Proposed Rate	Total Revenue	% Revenue To Total	Dollar Change	Total Revenue % Change
1												
2	Residential:											
3	<b>Service Charge</b>											
4	5/8" Monthly	87,993.0		15.60	1,372,691	30.67%		18.16	1,597,953	29.67%	225,262	16.41%
5	3/4" Monthly	-		23.40	-	0.00%		27.25	-	0.00%	-	0.00%
6	1" Monthly	1,927.0		39.01	75,172	1.68%		45.41	87,505	1.62%	12,333	16.41%
7	1 1/2" Monthly	317.0		78.05	24,742	0.55%		90.82	28,790	0.53%	4,048	16.36%
8	2" Monthly	312.0		124.87	38,959	0.87%		145.32	45,340	0.84%	6,380	16.38%
9												
10												
11	<b>Volumetric Charges</b>											
12	< Per 6 CCF		335,980	4.536	1,524,005	34.05%	335,980	5.810	1,952,044	36.25%	428,039	28.09%
13	> Per 6 CCF		173,836	4.536	788,520	17.62%	169,490	7.263	1,231,006	22.86%	442,486	56.12%
14	Multifamily		18,701	4.536	84,828	1.90%	18,701	6.391	119,518	2.22%	34,690	40.90%
15												
16	WICA - Test Year			6.8661%	268,390	6.00%			-	0.00%	(268,390)	-100.00%
17												
18	WICA - 2020			0.6339%	24,779	0.55%			-	0.00%	(24,779)	-100.00%
19												
20												
21												
22	Per Bill Analysis		<u>528,517</u>		<u>4,202,086</u>	<u>93.89%</u>	<u>524,171</u>		<u>5,062,155</u>	<u>93.99%</u>	<u>860,069</u>	<u>20.47%</u>
23												
24	Seasonal Yield (See 5F)		9,698		273,634	6.11%	9,698		323,535	6.01%		0.00%
25												
26	Total		<u>538,215</u>		<u>4,475,720</u>	<u>100.00%</u>	<u>533,869</u>		<u>5,385,690</u>	<u>100.00%</u>		
27												
28												
29												
30												

**BILL ANALYSIS - COMMERCIAL**

Aquarion Water Company of New Hampshire, Inc.  
Case No. DW 20-184

Test Year: Twelve Months Ended 12/31/19  
Schedule No. 5C  
Page 1 of 1

Line No.	Class/Description	Customer Meter Billings	Pro Forma at Present Rates			Pro Forma at Proposed Rates				Dollar Change	Total Revenue % Change	
			Sales (100CF)	Current Rate	Total Revenue	% Revenue To Total	Sales (100CF)	Proposed Rate	Total Revenue			% Revenue To Total
1												
2	Commercial:											
3	<b>Service Charge</b>											
4	5/8" Monthly	4,081.0		15.60	63,664	4.58%		18.16	74,111	4.72%	10,447	16.41%
5	3/4" Monthly	-		23.40	-	0.00%		27.25	-	0.00%	-	0.00%
6	1" Monthly	1,112.0		39.01	43,379	3.12%		45.41	50,496	3.21%	7,117	16.41%
7	1 1/2" Mthly	336.0		78.05	26,225	1.89%		90.82	30,516	1.94%	4,291	16.36%
8	2" Monthly	1,222.0		124.87	152,591	10.98%		145.32	177,581	11.30%	24,990	16.38%
9												
10												
11	<b>Volumetric Charges</b>											
12	> Per CCF		196,168	4.536	889,818	64.00%	196,168	5.546	1,087,948	69.25%	198,130	22.27%
13												
14												
15	WICA - Test Year			6.8661%	80,723	5.81%			-	0.00%	(80,723)	-100.00%
16												
17	WICA - 2020			0.6339%	7,453	0.54%			-	0.00%	(7,453)	-100.00%
18												
19												
20												
21	Per Bill Analysis		<u>196,168</u>		<u>1,263,852</u>	<u>90.91%</u>	<u>196,168</u>		<u>1,420,651</u>	<u>90.43%</u>	<u>156,799</u>	<u>12.41%</u>
22												
23	Seasonal Yield (See 5F)		16,449		126,406	9.09%	16,449		150,361	9.57%		
24												
25	Total		<u>212,617</u>		<u>1,390,259</u>	<u>100.00%</u>	<u>212,617</u>		<u>1,571,012</u>	<u>100.00%</u>		
26												
27												
28												
29												

**BILL ANALYSIS - INDUSTRIAL**

**Aquarion Water Company of New Hampshire, Inc.  
Case No. DW 20-184**

**Test Year: Twelve Months Ended 12/31/19  
Schedule No. 5D  
Page 1 of 1**

Line No.	Class/Description	Customer Meter Billings	Pro Forma at Present Rates				Pro Forma at Proposed Rates				Dollar Change	Total Revenue % Change
			Sales (100CF)	Current Rate	Total Revenue	% Revenue To Total	Sales (100CF)	Proposed Rate	Total Revenue	% Revenue To Total		
1												
2	Industrial:											
3	<b>Service Charge</b>											
4	5/8" Monthly	1.0		15.60	16	0.17%		18.16	18	0.18%	3	16.41%
5	3/4" Monthly	-		23.40	-	0.00%		27.25	-	0.00%	-	0.00%
6	1" Monthly	-		39.01	-	0.00%		45.41	-	0.00%	-	0.00%
7	1 1/2" Monthly	12.0		78.05	937	10.24%		90.82	1,090	11.05%	153	16.36%
8	2" Monthly	3.0		124.87	375	4.09%		145.32	436	4.42%	61	16.38%
9												
10												
11	<b>Volumetric Charges</b>											
12	> Per CCF		1,584	4.536	7,185	78.52%	1,584	5.250	8,316	84.34%	1,131	15.74%
13												
14												
15	WICA - Test Year			6.8661%	584	6.39%			-	0.00%	(584)	-100.00%
16												
17	WICA - 2020			0.6339%	54	0.59%			-	0.00%	(54)	-100.00%
18												
19												
20												
21	Per Bill Analysis		<u>1,584</u>		<u>9,150</u>	<u>100.00%</u>	<u>1,584</u>		<u>9,860</u>	<u>100.00%</u>	<u>710</u>	<u>7.76%</u>
22												
23	Seasonal Yield (See 5F)											
24												
25	Total		<u>1,584</u>		<u>9,150</u>	<u>100.00%</u>	<u>1,584</u>		<u>9,860</u>	<u>100.00%</u>		
26												
27												
28												
29												

**BILL ANALYSIS - PUBLIC AUTHORITY**

**Aquarion Water Company of New Hampshire, Inc.  
Case No. DW 20-184**

**Test Year: Twelve Months Ended 12/31/19  
Schedule No. 5E  
Page 1 of 1**

Line No.	Class/Description	Customer Meter Billings	Pro Forma at Present Rates			Pro Forma at Proposed Rates				Dollar Change	Total Revenue % Change	
			Sales (100CF)	Current Rate	Total Revenue	% Revenue To Total	Sales (100CF)	Proposed Rate	Total Revenue			% Revenue To Total
1												
2	Other Public Authority											
3	<b>Service Charge</b>											
4	5/8" Monthly	200.0		15.60	3,120	2.29%	18.16	3,632	2.35%	512	16.41%	
5	3/4" Monthly	-		23.40	-	0.00%	27.25	-	0.00%	-	0.00%	
6	1" Monthly	60.0		39.01	2,341	1.72%	45.41	2,725	1.76%	384	16.41%	
7	1 1/2" Monthly	84.0		78.05	6,556	4.81%	90.82	7,629	4.93%	1,073	16.36%	
8	2" Monthly	125.0		124.87	15,609	11.45%	145.32	18,165	11.73%	2,556	16.38%	
9												
10												
11	<b>Volumetric Charges</b>											
12	> First 5 CCF		16,933	4.536	76,808	56.33%	16,933	5.606	94,926	61.32%	18,118	23.59%
13												
14												
15	WICA - Test Year			6.8661%	7,171	5.26%		-	0.00%	(7,171)	-100.00%	
16												
17	WICA - 2020			0.6339%	662	0.49%		-	0.00%	(662)	-100.00%	
18												
19												
20												
21	Per Bill Analysis		<u>16,933</u>		<u>112,266</u>	<u>82.33%</u>	<u>16,933</u>		<u>127,077</u>	<u>82.09%</u>	<u>14,811</u>	<u>13.19%</u>
22												
23	Seasonal Yield (See 5F)		1,989		24,094	17.67%	1,989		27,717	17.91%		
24												
25	Total		<u>18,922</u>		<u>136,360</u>	<u>100.00%</u>	<u>18,922</u>		<u>154,794</u>	<u>100.00%</u>		
26												
27												
28												
29												
30												

**BILL ANALYSIS - SEASONAL**

Aquarion Water Company of New Hampshire, Inc.  
Case No. DW 20-184

Test Year: Twelve Months Ended 12/31/19  
Schedule No. 5F  
Page 1 of 1

Line No.	Class/Description	Customer Meter Billings	Pro Forma at Present Rates			Pro Forma at Proposed Rates				Total Revenue % Change		
			Sales (100CF)	Current Rate	Total Revenue	% Revenue To Total	Sales (100CF)	Proposed Rate	Total Revenue		% Revenue To Total	Dollar Change
1	Seasonal Residential:											
2	<b>Service Charge</b>											
3	5/8"	633		234.00	148,122	54.13%		272.47	172,474	53.31%	24,352	16.44%
4	3/4"	-		351.00	-	0.00%		410.52	-	0.00%	-	0.00%
5	1'	4		585.15	2,341	0.86%		683.00	2,732	0.84%	391	16.72%
6	1 1/2"	-		1170.75	-	0.00%		1,362.36	-	0.00%	-	0.00%
7	2"	-		1873.05	-	0.00%		2,179.78	-	0.00%	-	0.00%
8	<b>Volumetric Charges</b>											
9	< Per 6 CCF		9,698	5.619	54,493	19.91%	9,698	7.358	71,358	22.06%	16,865	30.95%
10	> Per 6 CCF		6,333	5.619	35,585	13.00%	6,175	9.199	56,801	17.56%	21,216	59.62%
11	Multifamily		2,492	5.619	14,003	5.12%	2,492	8.094	20,170	6.23%	6,168	44.05%
12	Total Seasonal Residential				254,543				323,535			
13	WICA - Test Year			6.8661%	17,477	6.39%			-	0.00%		
14	WICA - 2020			0.6339%	1,614	0.59%			-	0.00%		
15	Total Revenue				273,634	100.00%			323,535	100.00%		
16												
17	Seasonal Commercial											
18	<b>Service Charge</b>											
19	5/8"	39		234.00	9,126	7.22%		272.47	10,626	7.07%	1,500	16.44%
20	3/4"	-		351.00	-	0.00%		410.52	-	0.00%	-	0.00%
21	1'	21		585.15	12,288	9.72%		683.00	14,343	9.54%	2,055	16.72%
22	1 1/2"	-		1170.75	-	0.00%		1,362.36	-	0.00%	-	0.00%
23	2"	2		1873.05	3,746	2.96%		2,179.78	4,360	2.90%	613	16.38%
24	<b>Volumetric Charges</b>											
25	< Per 6 CCF		16,449	5.619	92,427	73.12%	16,449	7.358	121,032	80.49%	28,605	30.95%
26	> Per 6 CCF											
27	Total Seasonal Commercial				117,587				150,361			
28	WICA - Test Year			6.8661%	8,074	6.39%			-	0.00%		
29	WICA - 2020			0.6339%	745	0.59%	-		-	0.00%		
30	Total Revenue				126,406	100.00%			150,361	100.00%		
31												
32	Seasonal Other Public Authority:											
33	<b>Service Charge</b>											
34	5/8"	11		234.00	2,574	10.68%		272.47	2,997	10.81%	423	16.44%
35	3/4"	-		351.00	-	0.00%		410.52	-	0.00%	-	0.00%
36	1'	2		585.15	1,170	4.86%		683.00	1,366	4.93%	196	16.72%
37	1 1/2"	-		1170.75	-	0.00%		1,362.36	-	0.00%	-	0.00%
38	2"	4		1873.05	7,492	31.10%		2,179.78	8,719	31.46%	1,227	16.38%
39	<b>Volumetric Charges</b>											
40	< Per 6 CCF		1,989	5.619	11,176	46.39%	1,989	7.358	14,635	52.80%	3,459	30.95%
41	> Per 6 CCF											
42	Total Seasonal Other Public Authority				22,413				27,717			
43	WICA - Test Year			6.8661%	1,539	6.39%	-		-	0.00%		
44	WICA - 2020			0.6339%	142	0.59%			-	0.00%		
45	Total Revenue				24,094	100.00%			27,717	100.00%		

**BILL ANALYSIS - PUBLIC FIRE SERVICE**

**Aquarion Water Company of New Hampshire, Inc.**  
**Case No. DW 20-184**

**Test Year: Twelve Months Ended 12/31/19**  
**Schedule No. 5G**  
**Page 1 of 1**

Line No.	Location	Number of Hydrants	Pro Forma - Present Rates		Pro Forma Proposed Rates		Dollar Change	Total Revenue % Change
			Annual Rates	Revenue	Annual Rates	Revenue		
1								
2	<b>Public Fire Service</b>							
3								
4	Town of Hampton	280	1,740.41	487,315	2,286.62	\$ 640,254	\$ 152,939	31.38%
5								
6	Town of Hampton - WICA Test Year		6.8661%	33,460		-	(33,460)	
7								
8	Town of Hampton - WICA Pro Forma 2020		0.6339%	3,089		-	(3,089)	
9								
10	Town of Hampton - Subtotal			\$ 523,863		\$ 640,254	\$ 116,390	22.22%
11								
12	Town of North Hampton	149	1,740.41	259,321	2,286.62	340,706	81,385	31.38%
13								
14	Town of North Hampton - WICA Test Year		6.8661%	17,805		-	(17,805)	
15								
16	Town of North Hampton - WICA Pro Forma 2020		0.6339%	1,644		-	(1,644)	
17								
18	Town of North Hampton - Subtotal			\$ 278,770		\$ 340,706	\$ 61,936	22.22%
19								
20	Rye Beach Precinct	24	1,740.41	41,770	2,286.62	54,879	13,109	31.38%
21								
22	Rye Beach Precinct - WICA Test Year		6.8661%	2,868		-	(2,868)	
23								
24	Rye Beach Precinct - WICA Pro Forma 2020		0.6339%	265		-	(265)	
25								
26	Rye Beach Precinct - Subtotal			\$ 44,903		\$ 54,879	\$ 9,976	22.22%
27								
28	Jenness Beach Precinct	42	1,740.41	73,097	2,286.62	96,038	22,941	31.38%
29								
30	Jenness Beach Precinct - WICA Test Year		6.8661%	5,019		-	(5,019)	
31								
32	Jenness Beach Precinct - WICA Pro Forma 2020		0.6339%	463		-	(463)	
33								
34	Jenness Beach Precinct - Subtotal			\$ 78,580		\$ 96,038	\$ 17,459	22.22%
35								
36	<b>Total Public Fire</b>	<b>495</b>		<b>\$ 926,116</b>		<b>\$ 1,131,877</b>	<b>\$ 205,761</b>	<b>22.22%</b>
37								
38								
39								
40								

**BILL ANALYSIS - PRIVATE FIRE SERVICE**

Aquarion Water Company of New Hampshire, Inc.  
Case No. DW 20-184

Test Year: Twelve Months Ended 12/31/19  
Schedule No. 5H  
Page 1 of 1

Line No.	Location	Number of Hydrants	Pro Forma - Present Rates		Pro Forma Proposed Rates		Dollar Change	Total Revenue % Change
			Annual Rates	Revenue	Annual Rates	Revenue		
1								
2	<b>Private Fire Service</b>							
3								
4	3" Inch or less	96	441.12	\$ 42,348	541.77	\$ 52,010	\$ 9,662	22.82%
5								
6	4" Inch	74	751.68	55,624	862.48	63,824	8,199	14.74%
7								
8	6" Inch	137	1,793.28	245,679	2,145.30	293,906	48,227	19.63%
9								
10	8" Inch	19	3,188.64	60,584	3,855.74	73,259	12,675	20.92%
11								
12	10" Inch	-	4,983.72	-	5,993.80	-	-	0.00%
13								
14	12" Inch	3	7,041.24	21,124	8,559.46	25,678	4,555	21.56%
15								
16	WICA - Test Year		6.8661%	29,206		-	(29,205.58)	-100.00%
17								
18	WICA - 2012		0.6339%	2,696		-	(2,696.35)	-100.00%
19								
20	Total Private Fire	<u>329</u>		<u>\$ 457,261</u>		<u>\$ 508,677</u>	<u>\$ 51,416</u>	<u>11.24%</u>
21								
22								
23								
24								
25								
26								
27								
28								
29								
30								

**BILL ANALYSIS - MISCELLANEOUS REVENUES**

Aquarion Water Company of New Hampshire, Inc.  
Case No. DW 20-184

Test Year: Twelve Months Ended 12/31/19  
Schedule No. 5I  
Page 1 of 1

Line No.	Location	Test Year		Pro Forma at Present Rates		Pro Forma at Proposed Rates		Dollar Change	Total Revenue % Change			
		Qty/ Frequency	Annual Rates	Revenue	Qty/ Frequency	Annual Rates	Revenue			Qty/ Frequency	Annual Rates	Revenue
1												
2	<b>Miscellaneous Revenues</b>											
3												
4												
5												
6	Late Payment		5.00%	29,467		5.00%	31,027		5,765	18.49%		
7												
8	Turn on Charge - Reg Business Hours	745	44	32,780	745	44	32,780	745	44	32,780	-	0.00%
9												
10	Turn on Charge - After Hours	7	75	525	7	75	525	7	75	525	-	0.00%
11												
12	Antenna Lease - Cingular	1	36,855	36,855	1	40,904	40,904	1	40,904	40,904	-	0.00%
13												
14	Antenna Lease - Verizon, Exeter	1	32,901	32,901	1	36,743	36,743	1	36,743	36,743	-	0.00%
15												
14	Antenna Lease - Verizon, Mill Rd	1	36,092	36,092	1	40,234	40,234	1	40,234	40,234	-	0.00%
15												
16	Antenna Lease - MetroPCS	1	37,357	37,357	1	41,645	41,645	1	41,645	41,645	-	0.00%
17												
18	Antenna Lease - NH DOT	1	3,515	3,515	1	3,884	3,884	1	3,884	3,884	-	0.00%
19												
20	Antenna Lease - Town of Hampton	1	100	100	1	100	100	1	100	100	-	0.00%
21												
22	Misc.			(5,916)			(5,916)			(5,916)	-	0.00%
23												
24												
25				<u>203,676</u>			<u>221,927</u>			<u>227,665</u>	<u>5,738</u>	<u>2.82%</u>
26												
27												
28												
29												
30												
31												
32												
33												
34												
35												

**REVENUE REQUIREMENT FROM PROFORMA ADJUSTMENT - STEP 1**

Aquarion Water Company of New Hampshire, Inc.  
Case No. DW 20-184

Test Year: Twelve Months Ended 12/31/19  
Schedule No. 6(a)  
Page 1 of 1

Line No.	Account Description	Pro Forma 3/31/2021	Proposed Increase	Proposed 3/31/2021
1				
2	Operating Revenues	-	927,636	927,636
3				
4	O&M Expenses	59,000		59,000
5	Depreciation	155,362		155,362
6	Property tax	120,777		120,777
7	Income Taxes	(134,775)	251,232	116,457
8	Total Operating Expense	<u>200,365</u>	251,232	451,596
9				
10	Utility Operating Income	<u>(200,365)</u>	676,404	476,040
11				
12	Projects completed for Step 1 Adjustment			
13	Source of Supply	139,852		139,852
14	Pumping	112,207		112,207
15	Water Treatment	2,025,983		2,025,983
16	Transmission & Distribution	3,130,957		3,130,957
17	General Plant	431,982		431,982
18	Rate Base Investment	<u>5,840,981</u>		<u>5,840,981</u>
19				
20	Return on Rate Base	<u>-3.43%</u>		<u>8.15%</u>
21				
22				
23	<b><u>Tax Calculation</u></b>			
24	Income before Income Taxes	(335,139)		592,497
25	Interest Expense	(162,496)		(162,496)
26	State Taxable Income	<u>(497,635)</u>		430,001
27	State Income Tax at 7.7%	(38,318)		33,110
28				
29	Federal Taxable Income	(459,317)		396,891
30	Federal Income Tax at 21%	(96,457)		83,347
31				
32	Total Current Income Taxes	(134,775)		116,457
33				
34	Total Income Taxes	<u>(134,775)</u>		<u>116,457</u>
35				

**REVENUE REQUIREMENT FROM PROFORMA ADJUSTMENT - STEP 2**

Aquarion Water Company of New Hampshire, Inc.  
Case No. DW 20-184

Test Year: Twelve Months Ended 12/31/19  
Schedule No. 6(b)  
Page 1 of 1

Line No.	Account Description	Pro Forma 3/31/2022	Proposed Increase	Proposed 3/31/2022
1				
2	Operating Revenues	-	725,434	725,434
3				
4	O&M Expenses	-		-
5	Depreciation	157,193		157,193
6	Property tax	96,219		96,219
7	Income Taxes	(103,692)	196,469	92,777
8	Total Operating Expense	<u>149,720</u>	196,469	346,190
9				
10	Utility Operating Income	<u>(149,720)</u>	528,965	379,245
11				
12	Projects completed for Step 2 Adjustment			
13	Source of Supply	24,920		24,920
14	Pumping	62,300		62,300
15	Water Treatment	3,951,903		3,951,903
16	Transmission & Distribution	525,189		525,189
17	General Plant	89,000		89,000
18	Rate Base Investment	<u>4,653,312</u>		<u>4,653,312</u>
19				
20	Return on Rate Base	<u>-3.22%</u>		<u>8.15%</u>
21				
22				
23	<b><u>Tax Calculation</u></b>			
24	Income before Income Taxes	(253,412)		472,022
25	Interest Expense	(129,455)		(129,455)
26	State Taxable Income	<u>(382,867)</u>		342,567
27	State Income Tax at 7.7%	(29,481)		26,378
28				
29	Federal Taxable Income	(353,386)		316,190
30	Federal Income Tax at 21%	(74,211)		66,400
31				
32	Total Current Income Taxes	(103,692)		92,777
33				
34	Total Income Taxes	<u>(103,692)</u>		<u>92,777</u>
35				

**REVENUE REQUIREMENT FROM PROFORMA ADJUSTMENT - STEP 3**

Aquarion Water Company of New Hampshire, Inc.  
Case No. DW 20-184

Test Year: Twelve Months Ended 12/31/19  
Schedule No. 6(c)  
Page 1 of 1

Line No.	Account Description	Pro Forma 3/31/2023	Proposed Increase	Proposed 3/31/2023
1				
2	Operating Revenues	-	463,790	463,790
3				
4	O&M Expenses			-
5	Depreciation	105,520		105,520
6	Property tax	60,665		60,665
7	Income Taxes	(67,113)	125,608	58,495
8	Total Operating Expense	<u>99,072</u>	125,608	224,680
9				
10	Utility Operating Income	<u>(99,072)</u>	338,182	239,110
11				
12	Projects completed for Step 3 Adjustment			
13	Source of Supply	24,920		24,920
14	Pumping	133,500		133,500
15	Water Treatment	2,402,000		2,402,000
16	Transmission & Distribution	284,444		284,444
17	General Plant	89,000		89,000
18	Rate Base Investment	<u>2,933,864</u>		<u>2,933,864</u>
19				
20	Return on Rate Base	<u>-3.38%</u>		<u>8.15%</u>
21				
22				
23	<b><u>Tax Calculation</u></b>			
24	Income before Income Taxes	(166,185)		297,605
25	Interest Expense	(81,620)		(81,620)
26	State Taxable Income	<u>(247,805)</u>		215,985
27	State Income Tax at 7.7%	(19,081)		16,631
28				
29	Federal Taxable Income	(228,724)		199,354
30	Federal Income Tax at 21%	(48,032)		41,864
31				
32	Total Current Income Taxes	(67,113)		58,495
33				
34	Total Income Taxes	<u>(67,113)</u>		<u>58,495</u>
35				