

Aqua North Carolina, Inc.
AQUA North Carolina Water and Sewer

Docket W-218 Sub 573

Application to Increase Rates and Charges
For a "Class A" Utility

Financial, Rate and Engineering
Minimum Filing Requirements

Test Year Ending December 31, 2021

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Aqua North Carolina, Inc.
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AQUA North Carolina Water and Sewer
Summary Post Filing Adjustements

Line No.	Description	WATER			Sewer		
		Base Year - 2022			Base Year - 2022		
		As Filed	November Update	Change	As Filed	November Update	Change
1	Exhibit Aw & As						
2	Utility Plant In Service						
3	Post Test Year Utility Plant in Service ADDITIONS						
4	Actuals - January thru October		13,111,324			11,302,737	
5	As Filed Estimate - November & December		4,296,361			5,250,176	
6	Expected to Close - November & December		3,720,678			4,546,696	
7	Moved to 2023		877,500			576,892	
8	Subtotal	\$ 24,497,238	\$ 22,005,863	\$ (2,491,375)	\$ 19,987,607	\$ 21,676,500	\$ 1,688,893
9							
10	Post Test Year Utility Plant RETIREMENTS						
11	Actuals - January thru October		(3,173,495)			(2,607,407)	
12	As Filed Estimate - November & December		(429,638)			(525,020)	
13	Expected to Close - November & December		(372,068)			(454,672)	
14	Moved to 2023		(87,750)			(57,689)	
15	Subtotal	\$ (2,449,731)	\$ (4,062,951)	\$ (1,613,220)	\$ (1,998,774)	(3,644,788)	\$ (1,646,014)
16							
17	Common Assets Allocation	\$ 651,900	504,246	\$ (147,654)	\$ 183,062	141,695	\$ (41,367)
18	IT Common Assets Allocation	\$ 1,728,255	455,412	\$ (1,272,844)	\$ 485,317	126,929	\$ (358,388)
19	IT Common Assets Allocation - SIP/SAP	\$ 1,836,962	215,383	\$ (1,621,579)	\$ 515,843	60,414	\$ (455,429)
20							
21	Total UPIS	\$ 26,264,624	\$ 19,117,953	\$ (7,146,671)	\$ 19,173,054	\$ 18,360,750	\$ (812,304)
22							
23	Accumulated Depreciation and Cost of Removal Reserve	\$ (7,928,045)	(7,928,045)	\$ -	\$ (5,035,001)	(5,035,001)	\$ -
24	Accum Depr Reserve on Post Test Year Additions	\$ (562,849)	(94,488)	\$ 468,360	\$ (318,591)	(73,333)	\$ 245,258
25	Accum Depr Reserve on Post Test Year RETIREMENTS	\$ 2,449,731	4,062,951	\$ 1,613,220	\$ 1,998,774	3,644,788	\$ 1,646,014
26	Accum Depr Reserve on Common Assets	\$ (465,764)	(465,764)	\$ -	\$ (130,806)	(130,806)	\$ -
27	Accum Depr Reserve on IT Common Assets	\$ (950,119)	(950,119)	\$ -	\$ (266,893)	(266,893)	\$ -
28	Accum Depr Reserve on IT Common Assets - SIP/SAP	\$ -	-	\$ -	\$ -	-	\$ -
29	Subtotal	(7,457,046)	(5,375,465)	2,081,580	(3,752,517)	(1,861,245)	1,891,272
30							

31	Total Depreciated Plant in Service	\$ 18,807,579	\$ 13,742,488	\$ (5,065,091)	\$ 15,420,537	\$ 16,499,505	\$ 1,078,968
32							
33	Operation & Maintenance Expenses						
34	Exhibit Dw and Ds						
35	Chemicals Expense - Account 618	\$ 489,754	760,060	\$ 270,306	\$ 613,724	896,416	\$ 282,692
36							
37	Transportation-Fuel						
38	Account 650/750	\$ 1,455,375	\$ 1,125,785	\$ (329,590)	\$ 424,078	\$ 326,358	\$ (97,720)
39	Account 676/776	\$ (1,633,450)	\$ (1,566,732)	\$ 66,718	\$ (283,235)	\$ (272,539)	\$ 10,696
40							
41	Insurance						
42	Account 656/756	\$ 294,226	\$ 285,546	\$ (8,680)	\$ 88,228	\$ 85,626	\$ (2,602)
43	Account 657/757	\$ 371,008	\$ 360,061	\$ (10,947)	\$ 102,756	\$ 99,724	\$ (3,032)
44	Account 658/758	\$ 136,587	\$ 132,557	\$ (4,030)	\$ 42,998	\$ 41,730	\$ (1,268)
45	Account 659/759	\$ 162,236	\$ 157,450	\$ (4,786)	\$ 44,934	\$ 43,609	\$ (1,325)
46	Total O&M	\$ 1,275,736	\$ 1,254,727	\$ (21,009)	\$ 1,033,483	\$ 1,220,924	\$ 187,441
47							
48	Other Expenses						
49	Depreciation	\$ 9,906,777	\$ 9,438,416	\$ (468,361)	\$ 5,751,289	\$ 5,506,031	\$ (245,258)
50	Income Taxes	\$ 2,887,599	\$ 2,852,997	\$ (34,602)	\$ 1,341,688	\$ 1,358,973	\$ 17,285
51	Total Expenses	\$ 14,070,112	\$ 13,546,141	\$ (523,971)	\$ 8,126,460	\$ 8,085,928	\$ (40,532)

Aqua North Carolina, Inc.
Docket W-218 Sub 573
AQUA North Carolina Water and Sewer
Original Cost Rate Base
Test Year Ending December 31, 2021
(a)

Exhibit Aw

Test Year Ending December 31, 2021															
		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)
		WATER													
Line No.	Item	Test Year			Base Year		Multi-Year Rate Plan						Source Schedule*		
		Per Books 12/31/2021	Pro Forma Adjustments	Adjusted	Pro Forma Adjustments	12/31/2022	Rate Year 1		Rate Year 2		Rate Year 3				
							Adjustments	12/31/2023	Adjustment	12/31/2024	Adjustment	12/31/2025			
1	Utility Plant in Service		312,796,925	-	312,796,925	-	312,796,925	-	312,796,925	-	312,796,925	-	312,796,925	Schedule 1, Column (e)	
2	Post Test Year Utility Plant in Service Additions		-	-	-	22,005,863	22,005,863	22,803,920	44,809,783	21,517,782	66,327,565	21,117,387	87,444,952	Schedule 2, Column (c)	
3	Post Test Year Utility Plant RETIREMENTS		-	-	-	(4,062,951)	(4,062,951)	(2,280,400)	(6,343,351)	(2,151,788)	(8,495,139)	(2,111,745)	(10,606,884)	Schedule 2, Column (b)	
4	Common Assets Allocation		-	7,496,559	7,496,559	504,246	8,000,805	472,827	8,473,632	472,827	8,946,459	472,827	9,419,286	Schedule 3, Column (d)	
5	IT Common Assets Allocation		-	6,150,637	6,150,637	455,412	6,606,049	1,764,876	8,370,925	1,845,617	10,216,542	1,545,416	11,761,958	Schedule 4, Column (d)	
6	IT Common Assets Allocation - SIP/SAP		-	2,935,237	2,935,237	215,383	3,150,620	2,334,009	5,484,629	58,470	5,543,099	12,480	5,555,579		
7															
8	Accumulated Depreciation and Cost of Removal Reserve		(87,951,701)	-	(87,951,701)	(7,928,045)	(95,879,746)	(7,928,045)	(103,807,791)	(8,385,675)	(112,193,466)	(8,385,675)	(120,579,141)	Schedule 1, Column (o)	
9	Accum Depr Reserve on Post Test Year Additions	[1]	-	-	-	(94,488)	(94,488)	(771,060)	(865,548)	(1,852,135)	(2,717,683)	(2,774,873)	(5,492,556)	Schedule 2, Column (h)	
10	Accum Depr Reserve on Post Test Year RETIREMENTS		-	-	-	4,062,951	4,062,951	2,280,400	6,343,351	2,151,788	8,495,139	2,111,745	10,606,884	Schedule 2, Column (i)	
11	Accum Depr Reserve on Common Assets		-	(2,458,666)	(2,458,666)	(465,764)	(2,924,430)	(465,764)	(3,390,194)	(479,820)	(3,870,014)	(479,820)	(4,349,834)	Schedule 3, Column (l)	
12	Accum Depr Reserve on IT Common Assets		-	(1,242,756)	(1,242,756)	(950,119)	(2,192,875)	(950,119)	(3,142,994)	(1,222,259)	(4,365,253)	(1,222,259)	(5,587,512)	Schedule 4, Column (k)	
13	Accum Depr Reserve on IT Common Assets - SIP/SAP		-	(24,460)	(24,460)	-	(24,460)	-	(24,460)	-	(24,460)	-	(24,460)		
14	Total Depreciated Utility Plant in Service - Ln 1 thru Ln 12		224,845,224	12,856,551	237,701,775	13,742,488	251,444,263	17,260,644	268,704,907	11,954,807	280,659,715	10,285,483	290,945,197		
15															
16	Deduct:														
17	Contributions in Aid of Construction at 12/31/2021		(102,529,498)	-	(102,529,498)	-	(102,529,498)	-	(102,529,498)	-	(102,529,498)	-	(102,529,498)	Schedule 5, Column (d)	
18	IT Common CIAC Allocation		(19,602)	-	(19,602)	-	(19,602)	-	(19,602)	-	(19,602)	-	(19,602)	Schedule 6, Column (d)	
19	Negative Acquisition Adjustments		(5,144,736)	-	(5,144,736)	-	(5,144,736)	-	(5,144,736)	-	(5,144,736)	-	(5,144,736)	Schedule 7, Column (c)	
20	Accumulated Amortization of Positive Acquisition Adjustments		(5,502,809)	-	(5,502,809)	(300,146)	(5,802,955)	(300,146)	(6,103,101)	(300,146)	(6,403,247)	(300,146)	(6,703,393)	Schedule 8, Column (h)	
21	Accumulated Amortization of Acquisition Incentive Adjustments		(946,950)	-	(946,950)	(79,544)	(1,026,494)	(79,544)	(1,106,038)	(79,544)	(1,185,582)	(79,544)	(1,265,126)	Schedule 10, Column (h)	
22	PTY-Accum Amort of Positive Acquisition Adjustments		-	-	-	-	-	-	-	-	-	-	-	Schedule 9, Column (h)	
23															
24	Add:														
25	Accumulated Amortization on Contributions in Aid of Construction		40,263,992	-	40,263,992	2,018,089	42,282,081	2,018,089	44,300,170	2,018,089	46,318,259	2,018,089	48,336,348	Schedule 5, Column (h)	
26	Accumulated Amortization on CIAC IT Common Allocations		6,795	-	6,795	500	7,295	500	7,795	500	8,295	500	8,795	Schedule 6, Column (k)	
27	Accumulated Amortization of Negative Acquisition Adjustments		3,533,495	-	3,533,495	113,027	3,646,522	113,027	3,759,549	113,027	3,872,576	113,027	3,985,603	Schedule 7, Column (h)	
28	Positive Acquisition Adjustments		9,181,372	-	9,181,372	-	8,881,226	-	8,881,226	-	8,881,226	-	8,881,226	Schedule 8, Column (c)	
29	Acquisition Incentive Adjustments		2,328,358	-	2,328,358	-	2,248,814	-	2,248,814	-	2,248,814	-	2,248,814	Schedule 9, Column (c)	
30	PTY-Positive Acquisition Adjustments		-	-	-	-	-	-	-	-	-	-	-	Schedule 10, Column (c)	
31	Total Cost Depreciated Utility Plant in Service - Ln 14 thru Ln 30		166,015,641	12,856,551	178,872,192	15,494,414	193,986,916	19,012,570	212,999,486	13,706,733	226,706,220	12,037,409	238,743,628		
32															
33	Other Additions:														
34	Materials and Supplies	[2]			2,864,854	87,092	2,951,946	89,739	3,041,685	92,467	3,134,152	95,278	3,229,430	Schedule 11, Column (k)	
35	Plant Related to Future Customers				(65,525)	-	(65,525)	-	(65,525)	-	(65,525)	-	(65,525)		
36	Cash Working Capital			Ex. L F31	2,633,943	1,897,534	4,531,477	98,826	4,630,304	(528,871)	4,101,432	(530,798)	3,570,634	Exhibit L	
37															
38	Other Deductions:														
39	Reserved Related to Plant for Future Customers				50,429	-	50,429	-	50,429	-	50,429	-	50,429	Item 13(d)	
40	Accumulated Deferred Income Taxes				(17,651,775)	(2,331,668)	(19,983,443)	(687,688)	(20,671,131)	(493,755)	(21,164,886)	(544,195)	(21,709,081)	Schedule 15, Column (a)	
41	Advances for Construction				(2,745,087)	-	(2,745,087)	-	(2,745,087)	-	(2,745,087)	-	(2,745,087)	Schedule 16, Column (a)	
42	Customer Deposits				(218,900)	-	(218,900)	-	(218,900)	-	(218,900)	-	(218,900)	Schedule 17, Column (a)	
43	Unclaimed Refunds				(46,582)	-	(46,582)	-	(46,582)	-	(46,582)	-	(46,582)	Schedule 12, Column (f)	
44	Total Aqua North Carolina Water Rate Base - Ln 31 thru Ln 43		166,015,641	12,856,551	163,693,549	15,147,372	178,461,231	18,513,448	196,974,679	12,776,574	209,751,253	11,057,693	220,808,946		
45	Average Rate Base								187,717,955		203,362,966		215,280,099		

* From W-1, Item 10 Rate Base schedule for Aqua North Carolina Water, unless otherwise noted.

[1] Includes allocated common plant. See Exhibit A1 for detail.

[2] Adjustments are calculated using the Compound Annual Growth Factor ("CAGR") of 3.04%

Aqua North Carolina, Inc.
Docket W-218 Sub 573
AQUA North Carolina Water and Sewer
Original Cost Rate Base
Test Year Ending December 31, 2021
(a)

Exhibit As

Post Year Ending December 31, 2021														
		(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)
		SEWER												
Line No.	Item	Test Year		Base Year		Multi-Year Rate Plan			Source Schedule*					
		Per Books 12/31/2021	Pro Forma Adjustments	Adjusted	Pro Forma Adjustments	12/31/2022	Rate Year 1 Adjustments 12/31/2023	Rate Year 2 Adjustment 12/31/2024		Rate Year 3 Adjustment 12/31/2025				
1	Utility Plant in Service	180,454,604	-	180,454,604	-	180,454,604	-	180,454,604	-	180,454,604	-	180,454,604	Schedule 1, Column (e)	
2	Post Test Year Utility Plant in Service Additions	-	-	-	21,676,500	21,676,500	8,200,062	29,876,562	15,249,062	45,125,624	6,579,062	51,704,686	Schedule 2, Column (c)	
3	Post Test Year Utility Plant RETIREMENTS	-	-	-	(3,644,788)	(3,644,788)	(820,021)	(4,464,809)	(1,524,919)	(5,989,728)	(657,919)	(6,647,647)	Schedule 2, Column (b)	
4	Common Assets Allocation	-	2,106,588	2,106,588	141,695	2,248,283	132,580	2,380,863	132,580	2,513,442	132,580	2,646,022	Schedule 3, Column (d)	
5	IT Common Assets Allocation	-	1,727,741	1,727,741	126,929	1,854,670	495,415	2,350,085	518,636	2,868,720	433,815	3,302,535	Schedule 4, Column (d)	
6	IT Common Assets Allocation - SIP/SAP	-	824,521	824,521	60,414	884,935	655,740	1,540,675	16,104	1,556,778	3,306	1,560,084		
7														
8	Accumulated Depreciation and Cost of Removal Reserve	(48,002,333)	-	(48,002,333)	(5,035,001)	(53,037,334)	(5,035,001)	(58,072,335)	(5,062,665)	(63,135,000)	(5,062,665)	(68,197,665)	Schedule 1, Column (o)	
9	Accum Depr Reserve on Post Test Year Additions	[1]	-	-	(73,333)	(73,333)	(330,817)	(404,150)	(770,208)	(1,174,358)	(1,170,287)	(2,344,645)	Schedule 2, Column (h)	
10	Accum Depr Reserve on Post Test Year RETIREMENTS	-	-	-	3,644,788	3,644,788	820,021	4,464,809	1,524,919	5,989,728	657,919	6,647,647	Schedule 2, Column (i)	
11	Accum Depr Reserve on Common Assets	-	(691,507)	(691,507)	(130,806)	(822,313)	(130,806)	(953,119)	(134,903)	(1,088,022)	(134,903)	(1,222,925)	Schedule 3, Column (i)	
12	Accum Depr Reserve on IT Common Assets	-	(349,096)	(349,096)	(266,893)	(615,989)	(266,893)	(882,882)	(343,338)	(1,226,220)	(343,338)	(1,569,558)	Schedule 4, Column (k)	
13	Accum Depr Reserve on IT Common Assets - SIP/SAP	-	(6,871)	(6,871)	-	(6,871)	-	(6,871)	-	(6,871)	-	(6,871)		
14	Total Depreciated Utility Plant in Service - Ln 1 thru Ln 13	132,452,271	3,611,376	136,063,647	16,499,505	152,563,152	3,720,279	156,283,431	9,605,267	165,888,698	437,569	166,326,267		
15														
16	Deduct:													
17	Contributions in Aid of Construction at 12/31/2021	(91,738,541)	-	(91,738,541)	-	(91,738,541)	-	(91,738,541)	-	(91,738,541)	-	(91,738,541)	Schedule 5, Column (d)	
18	IT Common CIAC Allocation	(5,506)	-	(5,506)	-	(5,506)	-	(5,506)	-	(5,506)	-	(5,506)	Schedule 6, Column (d)	
19	Negative Acquisition Adjustments	(4,772,416)	-	(4,772,416)	-	(4,772,416)	-	(4,772,416)	-	(4,772,416)	-	(4,772,416)	Schedule 7, Column (c)	
20	Accumulated Amortization of Positive Acquisition Adjustments	(239,535)	-	(239,535)	(12,506)	(252,041)	(12,506)	(264,547)	(12,506)	(277,053)	(12,506)	(289,559)	Schedule 8, Column (h)	
21	Accumulated Amortization of Acquisition Incentive Adjustments	(142,235)	-	(142,235)	(11,756)	(153,991)	(11,756)	(165,747)	(11,756)	(177,503)	(11,756)	(189,259)	Schedule 9, Column (h)	
22														
23	Add:													
24	Accumulated Amortization on Contributions in Aid of Construction	36,783,506	-	36,783,506	2,481,472	39,264,978	2,481,472	41,746,450	2,481,472	44,227,922	2,481,472	46,709,394	Schedule 5, Column (h)	
25	Accumulated Amortization on CIAC IT Common Allocations	1,909	-	1,909	(140)	1,769	(140)	1,629	(140)	1,489	(140)	1,349	Schedule 6, Column (k)	
26	Accumulated Amortization of Negative Acquisition Adjustments	3,644,775	-	3,644,775	119,194	3,763,969	119,194	3,883,163	119,194	4,002,357	119,194	4,121,551	Schedule 7, Column (h)	
27	Positive Acquisition Adjustments	416,877	-	416,877	-	416,877	-	416,877	-	416,877	-	416,877	Schedule 8, Column (c)	
28	Acquisition Incentive Adjustments	353,030	-	353,030	-	353,030	-	353,030	-	353,030	-	353,030	Schedule 9, Column (c)	
29	Total Cost Depreciated Utility Plant in Service - Ln 14 thru Ln 28	76,754,135	3,611,376	80,365,511	19,075,769	99,441,280	6,296,543	105,737,823	12,181,531	117,919,354	3,013,833	120,933,187		
30														
31	Other Additions:													
32	Materials and Supplies	[2]		436,560	13,271	449,831	13,675	463,506	14,091	477,597	14,519	492,116	Schedule 10, Column (k)	
33	Cash Working Capital		Ex. L F31	1,210,645	39,932	1,250,577	134,737	1,385,314	(47,296)	1,338,018	(46,143)	1,291,875	Exhibit L	
34														
35	Other Deductions:													
36	Accumulated Deferred Income Taxes			(10,578,499)	(968,731)	(11,547,230)	(239,971)	(11,787,201)	132,507	(11,654,694)	10,773	(11,643,922)	Item 13(d)	
37	Advances for Construction			(966,574)	-	(966,574)	-	(966,574)	-	(966,574)	-	(966,574)	Schedule 13, Column (a)	
38	Customer Deposits			(4,938)	-	(4,938)	-	(4,938)	-	(4,938)	-	(4,938)	Schedule 14, Column (a)	
39	Unclaimed Refunds			(6,342)	-	(6,342)	-	(6,342)	-	(6,342)	-	(6,342)	Schedule 15, Column (a)	
40														
41	Total Aqua North Carolina Sewer Rate Base - Ln 29 thru Ln 40	76,754,135	3,611,376	70,456,363	18,160,241	88,616,604	6,204,985	94,821,588	12,280,832	107,102,421	2,992,981	110,095,402		
42	Average Rate Base							91,719,096		100,962,005		108,598,911		

* From W-1, Item 10 Rate Base schedule for Aqua North Carolina Water, unless otherwise noted.

[1] Includes allocated common plant. See Exhibit A1 for detail.

[2] Adjustments are calculated using the Compound Annual Growth Factor ("CAGR") of 3.04%

Aqua North Carolina, Inc.

Exhibit A1

Docket W-218 Sub 573

AQUA North Carolina Water and Sewer

Calculation of Annual Accumulated Reserve and Expense for Post Test Year Additions

Test Year Ending December 31, 2021

Line No.	(a) Description	(b) Base Year \$	(c) Rate Year 1 \$	(d) Rate Year 2 \$	(e) Rate Year 3 \$
WATER					
1	Accum Depr Reserve for the Test Year:				
2	Plant In Service	(8,389,105)	(8,389,105)	(8,389,105)	(8,389,105)
3	Unrecovered Reserve (Ends 12/2023)	457,630	457,630	-	-
4	VA Systems	3,430	3,430	3,430	3,430
5	Subtotal	(7,928,045)	(7,928,045)	(8,385,675)	(8,385,675)
6					
7	Common Assets (Reserve ends 12/2023)	(479,820)	(479,820)	(479,820)	(479,820)
8	Unrecovered Reserve (Ends 12/2023)	14,056	14,056	-	-
9	Subtotal	(465,764)	(465,764)	(479,820)	(479,820)
10					
11	IT Common Assets (Reserve ends 12/2023)	(1,222,259)	(1,222,259)	(1,222,259)	(1,222,259)
12	Unrecovered Reserve (Ends 12/2023)	272,140	272,140	-	-
13	Subtotal	(950,119)	(950,119)	(1,222,259)	(1,222,259)
14					
15	Plant In Service	(10,091,184)	(10,091,184)	(10,091,184)	(10,091,184)
16	Unrecovered Reserve	743,826	743,826	-	-
17	VA Systems	3,430	3,430	3,430	3,430
18	Grand Total	(9,343,928)	(9,343,928)	(10,087,754)	(10,087,754)
19					
20	Accum Depr Reserve on Post Test Year Additions				
21	Plant in Service				
22	2022	(56,767)	(113,533)	(113,533)	(113,533)
23	2023		(342,551)	(685,101)	(685,101)
24	2024			(320,493)	(640,985)
25	2025				(273,647)
26	Total	(56,767)	(456,084)	(1,119,127)	(1,713,266)
27					
28	Common - Acct. 341550				
29	2022	(10,390)	(20,780)	(20,780)	(20,780)
30	2023		(10,639)	(21,277)	(21,277)
31	2024			(10,639)	(21,277)
32	2025				(10,639)
33	Total	(10,390)	(31,418)	(52,695)	(73,972)
34					
35	Common - Acct. 340100 & 346550				
36	2022	(26,323)	(52,647)	(52,647)	(52,647)
37	2023		(158,839)	(317,677)	(317,677)
38	2024			(166,105)	(332,211)
39	2025				(139,087)
40	Total	(26,323)	(211,486)	(536,430)	(841,622)
41					
42	Common - Acct. 340SIP - Service Improvement Project				
43	2021	-	-	-	-
44	2022	(1,009)	(2,018)	(2,018)	(2,018)
45	2023		(70,055)	(140,111)	(140,111)
46	2024			(1,755)	(3,510)
47	2025				(374)
48	Total	(1,009)	(72,073)	(143,883)	(146,013)
49					
50	Total Accumulated Reserve on Post Test Year Additions				
51	2022	(94,488)	(188,977)	(188,977)	(188,977)
52	2023	-	(582,083)	(1,164,166)	(1,164,166)
53	2024	-	-	(498,992)	(997,983)
54	2025	-	-	-	(423,747)
55	Grand Total	(94,488)	(771,060)	(1,852,135)	(2,774,873)
56					
57	Depreciation Expense on Post Test Year Additions	94,488	676,571	1,081,075	922,738
58	End of Unrecovered Reserve	-	-	743,826	-
59	Total Depreciation Expense Adjustments to Exhibit Dw Line 57	94,488	676,571	1,824,901	922,738

Note: Amounts are calculated using a mid-year convention which assumes that the associated assets are placed in service evenly throughout the year.

Aqua North Carolina, Inc.

Exhibit A1

Docket W-218 Sub 573

AQUA North Carolina Water and Sewer

Calculation of Annual Accumulated Reserve and Expense for Post Test Year Additions

Test Year Ending December 31, 2021

Line No.	(a) Description	(b) Base Year \$	(c) Rate Year 1 \$	(d) Rate Year 2 \$	(e) Rate Year 3 \$
SEWER					
1	Accum Depr Reserve for the Test Year:				
2	Plant In Service	(5,062,665)	(5,062,665)	(5,062,665)	(5,062,665)
3	Unrecovered Reserve (Ends 12/2023)	27,664	27,664	-	-
4	Subtotal	(5,035,001)	(5,035,001)	(5,062,665)	(5,062,665)
5					
6	Common Assets (Reserve ends 12/2023)	(134,903)	(134,903)	(134,903)	(134,903)
7	Unrecovered Reserve (Ends 12/2023)	4,097	4,097	-	-
8	Subtotal	(130,806)	(130,806)	(134,903)	(134,903)
9					
10	IT Common Assets (Reserve ends 12/2023)	(343,338)	(343,338)	(343,338)	(343,338)
11	Unrecovered Reserve (Ends 12/2023)	76,445	76,445	-	-
12	Subtotal	(266,893)	(266,893)	(343,338)	(343,338)
13					
14	Plant In Service	(5,540,906)	(5,540,906)	(5,540,906)	(5,540,906)
15	Unrecovered Reserve	108,206	108,206	-	-
16	Grand Total	(5,432,700)	(5,432,700)	(5,540,906)	(5,540,906)
17					
18	Accum Depr Reserve on Post Test Year Additions				
19	Plant in Service				
20	2022	(62,814)	(125,628)	(125,628)	(125,628)
21	2023		(116,900)	(233,799)	(233,799)
22	2024			(205,096)	(410,192)
23	2025				(102,714)
24	Total	(62,814)	(242,528)	(564,523)	(872,333)
25					
26	Common - Acct. 341550				
27	2022	(2,920)	(5,840)	(5,840)	(5,840)
28	2023		(2,983)	(5,966)	(5,966)
29	2024			(2,983)	(5,966)
30	2025				(2,983)
31	Total	(2,920)	(8,823)	(14,789)	(20,754)
32					
33	Common - Acct. 340100 & 346550				
34	2022	(7,316)	(14,632)	(14,632)	(14,632)
35	2023		(44,587)	(89,174)	(89,174)
36	2024			(46,677)	(93,355)
37	2025				(39,043)
38	Total	(7,316)	(59,219)	(150,483)	(236,204)
39					
40	Common - Acct. 340SIP - Service Improvement Project				
41	2021	-	-	-	-
42	2022	(283)	(566)	(566)	(566)
43	2023		(19,682)	(39,364)	(39,364)
44	2024			(483)	(967)
45	2025				(99)
46	Total	(283)	(20,248)	(40,413)	(40,996)
47					
48	Total Accumulated Reserve on Post Test Year Additions				
49	2022	(73,333)	(146,666)	(146,666)	(146,666)
50	2023	-	(184,151)	(368,303)	(368,303)
51	2024	-	-	(255,240)	(510,479)
52	2025	-	-	-	(144,840)
53	Grand Total	(73,333)	(330,817)	(770,208)	(1,170,287)
54					
55	Depreciation Expense on Post Test Year Additions	73,333	257,484	439,391	400,079
48	End of Unrecovered Reserve	-	-	108,206	-
49	Total Depreciation Expense Adjustments to Exhibit Ds Line 57	73,333	257,484	547,597	400,079

Note: Amounts are calculated using a mid-year convention which assumes that the associated assets are placed in service evenly throughout the year.

Aqua North Carolina, Inc.
Docket W-218 Sub 573
AQUA North Carolina Water and Sewer
Plant Additions, Allocations, and Related Depreciation
Test Year Ending December 31, 2021

EXHIBIT B

Line No.	(a) Item	(b) Amount	(c) Depreciation	(d) Accumulated Depreciation
1	Please see workpapers supporting Rate Base calculations, which are contained in W-1, Item 10			
2				
3				

Aqua North Carolina, Inc.
Docket W-218, Sub 573
AQUA NC Water & Sewer
Consolidated Balance Sheet
Test Year Ending December 31, 2021

EXHIBIT C

Line No.	(a) Item	(b) Amount
1	Assets	
2		
3	Property and Equipment	
4	Utility Plant	\$519,119,984.06
5	CWIP	\$15,533,226.53
6	Accumulated Depreciation	(\$135,317,580.54)
7	Acquisition Adjustment	\$2,706,682.55
8	Total Property and Equipment	402,042,312.60
9		
10	Current Assets	
11	Accounts Receivable-Trade	\$3,916,766.69
12	Allowance for Bad Debt	(\$229,848.34)
13	Cash in Bank	\$1,031,678.25
14	Inter-Company	(\$9,174,642.05)
15	Intra-Zone	\$44,044,901.24
16	Other Accounts Receivable	\$0.00
17	Other Current Assets	\$6,568,758.64
18	Prepayments	\$1,282,340.87
19	Working Funds	\$1,000.00
20	Total Current Assets	47,440,955.30
21		
22	Non Current Assets	
23	Goodwill	\$14,238,832.77
24	Other Deferred Debits	\$115,619.21
25	Rate Case Expense	\$883,931.26
26	Regulatory Asset	\$9,318,553.24
27	Retirement Work in Progress	(\$83,584.44)
28	Net Operating Lease Right-of-Use	194,446.00
29	Total Non Current Assets	24,667,798.04
30		
31		
32		
33		
34		
35		
36		
37		
38		
39	Total Assets	474,151,065.94
40		
41	Mismatch (Assets less Liabilities) =	-

(c) Item	(d) Amount
Liabilities and Shareholder's Equity	
Capital	
Capital in Excess of Par	\$56,493,183.31
Common Stock	\$11,902,191.91
Retained Earnings Current Year	\$9,141,533.21
Retained Earnings Prior Year	\$63,154,339.89
Dividends Common	\$0.00
Subtotal Capital	140,691,248.32
Short Term Debt	\$0.00
Long-Term Debt	\$157,689,961.53
Total Capitalization	298,381,209.85
Current Liabilities	
Accounts Payable-Trade	\$2,139,889.82
Accrued Interest	\$23,051.59
Accrued Tax-Federal	(\$3,669,843.41)
Accrued Tax-Other	\$17,465.27
Accrued Tax-State	(\$322,430.69)
Other Current Liabilities	\$2,948,340.55
Total Current Liabilities	1,136,473.13
Def Cr & Non Current Liabilities	
Cust Advances for Construction	\$3,711,661.31
Other Non-Current Liabilities	\$16,345,627.85
Total Def Cr & Non Current Liabilities	20,057,289.16
CIAC	
CIAC	\$196,338,788.20
CIAC Amortization	(\$77,552,534.01)
Total CIAC	118,786,254.19
Deferred Taxes	
Long-Term Deferred Federal Tax	\$33,706,291.45
Long-Term Deferred State Tax	\$2,083,548.16
Total Deferred Taxes	35,789,839.61
Total Liabilities	474,151,065.94

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Nov 18 2022

			WATER																	
Line No.	Acct#	Item	Notes (18)	Test Year Pro Forma Adjustments As Adjusted			Base Year Proposed Increase Total After Increase		Rate Year 1 Pro Forma As Adjusted Proposed Increase Total After Increase				Rate Year 2 Pro Forma As Adjusted Proposed Increase Total After Increase				Rate Year 3 Pro Forma As Adjusted Proposed Increase Total After Increase			
				Per Books (1)	(2)	(3)	(4)	(5)	Adjustments (6)	(7)	(8)	(9)	Adjustments (10)	(11)	(12)	(13)	Adjustments (14)	(15)	(16)	(17)
1	Revenue																			
2	Sales																			
3	415	Revenues - Contract																		
4	460	Unmetered Water Revenues	Ex. Hw	122,918	(1,465)	121,453	37,760	159,212	(38,360)	120,853	42,361	163,214	(600)	162,614	5,656	168,270	-	168,270		
5	461	Metered Water Revenues	Ex. Hw	39,455,876	434,860	39,890,736	7,473,363	47,364,099	(6,878,162)	40,485,937	9,022,394	49,508,331	1,989,375	49,831,451	2,165,730	51,997,181	335,135	52,332,316		
6	465	IRG	Ex. Hw	365,845	12,574	378,419	55,304	433,723	(55,304)	378,419	67,872	446,290	-	446,290	22,738	469,029	-	469,029		
7	471100	WSR Revenue	Ex. Hw	185,656	1,150,979	1,336,635	(1,336,635)	-	1,356,336	1,356,336	(1,356,336)	-	-	-	-	-	-	-		
8		Subtotal Sales Revenues		40,130,295	1,596,947	41,727,242	6,229,792	47,957,034	(5,615,489)	42,341,545	7,776,291	50,117,836	1,988,775	50,440,355	2,194,124	52,634,479	335,135	52,969,615		
9	Other Revenues																			
10	414	Net Gain(Loss) Utility Property	A4	102,692	(71,007)	31,685	-	31,685	-	31,685	-	31,685	-	31,685	-	31,685	-	31,685		
11	419	Interest Income	E3	20,234	(20,234)	-	-	-	-	-	-	-	-	-	-	-	-	-		
12	420	AFUDC	E3	490,970	(490,970)	-	-	-	-	-	-	-	-	-	-	-	-	-		
13	421	Non-Utility Income	A6	587,007	(72,947)	514,060	19,020	533,080	19,724	552,804	-	552,804	20,453	573,257	-	573,257	21,210	594,467		
14	463	Abatements	E0	-	(58,990)	(58,990)	(9,110)	(68,100)	-	(68,100)	(3,076)	(71,176)	-	(71,176)	(5,433)	(76,609)	-	(76,609)		
15	471	Misc. Service Revenues	E1	(2,854,917)	3,140,482	275,564	10,684	286,248	-	286,248	3,607	289,855	-	289,855	6,371	296,226	-	296,226		
16	474	Other Water Revenues	E2	(88,795)	88,795	-	-	-	-	-	-	-	-	-	-	-	-	-		
17	670	Bad Debt Expense	E4	(171,645)	44,709	(126,936)	(19,707)	(146,643)	-	(146,643)	(6,653)	(153,297)	-	(153,297)	(11,752)	(165,049)	-	(165,049)		
18		Subtotal Other Revenues		(1,924,455)	2,559,838	635,383	886	636,269	19,724	655,993	(6,122)	649,871	20,453	670,324	(10,814)	659,510	21,210	680,724		
19		Total Operating Revenues		38,205,840	4,156,785	42,362,625	6,230,678	48,593,304	(5,595,765)	42,997,538	7,770,168	50,767,707	2,009,228	51,110,679	2,183,310	53,293,989	356,345	53,653,838		
20		Rounding Diff from Ex G Reqmnt		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
21		Percent Diff		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
22		O&M Expenses																		
23	601	Salaries & Wages - Employees	B1/B2	6,919,951	585,357	7,505,308	29,951	7,535,259	226,058	7,761,317	-	7,761,317	232,839	7,994,156	-	7,994,156	239,823	8,233,979		
24	603	Salaries & Wages - Officers, Exec.	B1/B2	717,398	-	717,398	8,918	726,316	21,790	748,106	-	748,106	22,443							

Aqua North Carolina, Inc.
Docket W-218 Sub 573
AQUA North Carolina Water and Sewer
Profit and Loss Statement, Summary
Test Year Ending December 31, 2021

Exhibit Ds

			SEWER																			
			Non-MYRP					Rate Year 1				Multi-Year Rate Plan				Rate Year 3						
			Test Year Pro Forma			Base Year		Rate Year 1				Rate Year 2				Rate Year 3						
			Proposed	Total			Proposed		Total	Proposed		Total	Proposed		Total	Proposed		Total				
			Adjustments	After Increase	Adjustments	After Increase	Adjustments	After Increase	Adjustments	After Increase	Adjustments	After Increase	Adjustments	After Increase	Adjustments	After Increase	Adjustments	After Increase				
			(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	(p)	(q)	(r)	(s)	(t)						
			(d)	(e)	(f)																	
			(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	(p)	(q)	(r)	(s)	(t)	
			(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	(p)	(q)	(r)	(s)	(t)
			(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	(p)	(q)	(r)	(s)	(t)
			(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	(p)	(q)	(r)	(s)	(t)
			(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	(p)	(q)	(r)	(s)	(t)
			(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	(p)	(q)	(r)	(s)	(t)
			(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	(p)	(q)	(r)	(s)	(t)
			(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	(p)	(q)	(r)	(s)	(t)
			(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	(p)	(q)	(r)	(s)	(t)
			(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	(p)	(q)	(r)	(s)	(t)
			(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	(p)	(q)	(r)	(s)	(t)
			(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	(p)	(q)	(r)	(s)	(t)
			(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	(p)	(q)	(r)	(s)	(t)
			(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	(p)	(q)	(r)	(s)	(t)
			(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	(p)	(q)	(r)	(s)	(t)
			(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	(p)	(q)	(r)	(s)	(t)
			(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	(p)	(q)	(r)	(s)	(t)
			(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	(p)	(q)	(r)	(s)	(t)
			(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	(p)	(q)	(r)	(s)	(t)
			(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	(p)	(q)	(r)	(s)	(t)
			(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	(p)	(q)	(r)	(s)	(t)
			(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	(p)	(q)	(r)	(s)	(t)
			(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	(p)	(q)	(r)	(s)	(t)
			(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	(p)	(q)	(r)	(s)	(t)
			(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	(p)	(q)	(r)	(s)	(t)
			(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	(p)	(q)	(r)	(s)	(t)
			(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	(p)	(q)	(r)	(s)	(t)
			(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	(p)	(q)	(r)	(s)	(t)
			(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	(p)	(q)	(r)	(s)	(t)
			(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	(p)	(q)	(r)	(s)	(t)
			(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	(p)	(q)	(r)	(s)	(t)
			(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	(p)	(q)	(r)	(s)	(t)
			(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	(p)	(q)	(r)	(s)	(t)
			(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	(p)	(q)	(r)	(s)	(t)
			(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	(p)	(q)	(r)	(s)	(t)
			(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	(p)	(q)	(r)	(s)	(t)
			(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	(p)	(q)	(r)	(s)	(t)
			(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	(p)	(q)	(r)	(s)	(t)
			(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	(p)	(q)	(r)	(s)	(t)
			(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	(p)	(q)	(r)	(s)	(t)
			(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	(p)	(q)	(r)	(s)	(t)
			(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	(p)	(q)	(r)	(s)	(t)
			(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	(p)	(q)	(r)	(s)	(t)
			(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	(p)	(q)	(r)	(s)	(t)
			(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	(p)	(q)	(r)	(s)	(t)
			(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	(p)	(q)	(r)	(s)	(t)
			(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	(p)	(q)	(r)	(s)	(t)
			(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	(p)	(q)	(r)	(s)	(t)
			(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	(p)	(q)	(r)	(s)	(t)
			(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	(p)	(q)	(r)	(s)	(t)
			(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	(p)	(q)	(r)	(s)	(t)
			(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	(p)	(q)	(r)	(s)	(t)
			(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	(p)	(q)	(r)	(s)	(t)
			(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	(p)	(q)	(r)	(s)	(t)
			(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	(p)	(q)	(r)	(s)	(t)
			(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	(p)	(q)	(r)	(s)	(t)
			(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	(p)	(q)	(r)	(s)	(t)
			(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	(p)	(q)	(r)	(s)	(t)
			(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	(p)	(q)	(r)	(s)	(t)
			(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	(p)	(q)	(r)	(s)	(t)
			(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	(p)	(q)	(r)	(s)	(t)
			(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	(p)	(q)	(r)	(s)	(t)
			(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	(p)	(q)	(r)	(s)	(t)
			(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	(p)	(q)	(r)	(s)	(t)
			(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	(p)	(q)	(r)	(s)	(t)
			(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	(p)	(q)	(r)	(s)	(t)
			(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	(p)	(q)	(r)	(s)	(t)
			(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	(p)	(q)	(r)	(s)	(t)
			(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	(p)	(q)	(r)	(s)	(t)
			(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	(p)	(q)	(r)	(s)	(t)
			(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	(p)	(q)	(r)	(s)	(t)
			(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	(p)	(q)	(r)	(s)	(t)
			(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	(p)	(q)	(r)	(s)	(t)
			(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	(p)	(q)	(r)	(s)	(t)
			(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	(p)	(q)	(r)	(s)	(t)
			(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	(p)	(q)	(r)	(s)	(t)
			(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	(p)	(q)	(r)	(s)	(t)
			(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	(p)	(q)	(r)	(s)	(t)
			(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	(p)	(q)	(r)	(s)	(t)
			(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	(p)	(q)	(r)	(s)	(t)
			(a)																			

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Exhibit Ew

	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)
	WATER								
Line No.	Description	Account	Test Year		Base Year	Rate Year 1	Rate Year 2	Rate Year 3	
			Per Books	As Adjusted	Amount	Amount	Amount	Amount	
1	Service Revenues		\$ 40,130,295	\$ 41,727,242	\$ 48,171,507	\$ 50,347,146	\$ 54,190,133	\$ 56,788,046	
2									
3									
4	E0 Abatements [1]		E0	E0a	E0b	E0c	E0d	E0e	
5	2019 Service Revenue		36,287,570						
6	2019 Abatements		(51,300)						
7	Percentage		-0.14137%						
8									
9	As Adjusted	463	-	(58,990)	(68,100)	(71,176)	(76,609)	(80,282)	
10									
11	Adjustment			(58,990)	(9,110)	(3,076)	(5,433)	(3,673)	
12									
13									
14	E1 Late Payment Fees [1]		E1	E1a	E1b	E1c	E1d	E1e	
15	2019 Service Revenue		36,287,570						
16	2019 Late Payment Fees		60,160						
17	Percentage		0.16579%						
18									
19	As Adjusted	471050	(670)	69,178	79,862	83,469	89,840	94,147	
20									
21	Adjustment			69,848	10,684	3,607	6,371	4,307	
22									
23									
24	E2 Reversal of Certain Other Revenues								
25	To zero out account balances for rate making purposes								
26	Other Water Rev	474000	(8,980)						
27	Other Water Rev-VBA	474050	97,775						
28	2019 Refunds (W-218 Sub 497)	471100	(185,656)						
29	2018 Reserve for 2019 Refunds (W-218 Sub 497)	471200	3,069,964						
30									
31	E3 Reversal of Interest Inc & AFUDC								
32	To zero out account balances		-						
33	Allow Funds Used During Const	420001	(122,412)						
34	Allow Funds Used During Const	420002	(368,557)						
35	Interest Inc-Other	419010	-						
36	Interest Inc-Banks	419015	(20,234)						
37									
38									

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Exhibit Ew

(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)
WATER								
Line No.	Description	Account	Test Year Per Books	As Adjusted	Base Year Amount	Rate Year 1 Amount	Rate Year 2 Amount	Rate Year 3 Amount
39	E4 Uncollectibles [1]		E4	E4a	E4b	E4c	E4d	E4e
40	2019 Service Revenue		36,287,570					
41	2019 Uncollectibles		(110,971)					
42	Percentage		-0.30581%					
43								
44	As Adjusted	471050	(670)	(127,606)	(147,313)	(153,967)	(165,719)	(173,663)
45								
46	Adjustment			(126,936)	(19,707)	(6,653)	(11,752)	(7,945)
47								
48								
49	E5 Taxes Other Than Income Taxes - PUC Assessment		E5	E5a	E5b	E5c	E5d	E5e
50	As Adjusted	408101	48,915	54,245	62,623	65,451	70,447	73,824
51	Percent		0.13000%					
52	Adjustment			5,331	8,378	2,828	4,996	3,377
53								
54								
55								
56	E6 Taxes Other Than Income Taxes - Gross Receipts Tax		E6	E6a	E6b	E6c	E6d	E6e
57	To Adjust Sewer GR Tax booked as Franchise Tax							
58	Per Books GR Tax	408206	-	-	-	-	-	-
59	Gross Receipts Tax rate		0%	0%	0%	0%	0%	0%
60	As Adjusted Gross Receipts tax expense			-	-	-	-	-
61	Adjustment			-	-	-	-	-
62								
63								
64								
65	E7 Taxes Other Than Income Taxes - Payroll Taxes Pro Forma							
66	Per Book Labor		7,279,826	Percentage				
67	Payroll Taxes - FICA	408121/676230	505,099	6.9%				
68	Payroll Taxes - FUTA	408122	6,164	0.1%				
69	Payroll Taxes - SUTA	408123	11,558	0.2%				
70								
71	As Adjusted Labor			8,222,706	8,261,575	8,509,423	8,764,705	9,027,644
72	Payroll Taxes - FICA	408121		570,519	573,216	590,412	608,124	626,368
73	Payroll Taxes - FUTA	408122		6,963	6,995	7,205	7,421	7,644
74	Payroll Taxes - SUTA	408123		13,055	13,116	13,510	13,915	14,333
75								
76	Pro Forma Adjustments							
77	Payroll Taxes - FICA	408121		65,420	2,697	17,197	17,712	18,244
78	Payroll Taxes - FUTA	408122		798	33	210	216	223
79	Payroll Taxes - SUTA	408123		1,497	62	393	405	417
80	Total			67,715	2,791	17,800	18,334	18,884

*The Labor amounts shown are the costs in 601 & 603, offset by the capitalized portion in GL 676210

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Exhibit Ew

	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)
	WATER								
Line No.	Description	Account	Test Year		Base Year	Rate Year 1	Rate Year 2	Rate Year 3	
			Per Books	As Adjusted	Amount	Amount	Amount	Amount	
81									
82	E8 Income Taxes - Deferred Income Taxes (reversal of test year amount)								
83	Federal	410101	(288,670)						
84	Options	410103	-						
85	State	410111	(99,160)						
86	Total		(387,830)						
87									
88	E9 Interest (Debt, Cust. Deposits, etc)								
89	To Zero Account Balances (Interest is Handled in Return on								
90	Debt Calculations)								
91	Interest Expense - Short - Term Debt	427200	-						
92	Interest Expense - Long - Term Debt	427300	160,863						
93	Interest Expense - LT Pushdown Debt	427310	2,970,859						
94	Customer Deposit Interest	427400	-						
95	Interest Expense - Other	427500	90						
96	Amort - Debt Disc & Expense	427600	164,334						
97	Subtotal		3,296,145						
98	Interest on Debt from Exhibit M		3,159,285						
99	Adjustment to Exhibit D		(136,860)						
100									
101	E10 Miscellaneous Nonutility Expense								
102	To Exclude Non Utility Expenses That Are Not Included in Rates								
103	be considered for Ratemaking purposes								
104	Misc - A&G - Network Support	426060	3,539						
105	Misc - A&G - Computer Paper	426080	12,517						
106	Misc - A&G - Contrib	426090	-						
107	Misc - A&G - Toner	426110	-						
108	Misc - A&G - Copies	426210	19,143						
109	Misc - A&G - Office Supplies	426219	-						
110	Misc - A&G - Directors	426220	-						
111	Misc - A&G - Dues	426310	92						
112	WT-Misc-A&G-DISAST RECOV	426320	34						
113	Misc - A&G - Promotional Items	426950	47,142						
114	Misc - A&G - Entertain	426900	(39,788)						
115	Total		42,679						

[1] Due to the impact of COVID related measures, these amounts are calculated on 2019 book data in order to provide a "normal" basis for projecting costs in this case.

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Exhibit Es

(a) (b) (c) (d) (e) (f) (g) (h) (i)								
Sewer								
Line No.	Description	Account	Test Year		Base Year	Rate Year 1	Rate Year 2	Rate Year 3
			Per Books	As Adjusted	Amount	Amount	Amount	Amount
1	Service Revenues		\$ 17,451,923	\$ 18,397,181	\$ 21,353,035	\$ 22,227,579	\$ 23,915,177	\$ 25,323,772
2								
3								
4	E0 Abatements [1]		E0	E0a	E0b	E0c	E0d	E0e
5	2019 Service Revenue		15,169,774					
6	2019 Abatements		(312)					
7	Percentage		-0.00206%					
8								
9	As Adjusted	463	-	(378)	(439)	(457)	(492)	(521)
10								
11	Adjustment			(378)	(61)	(18)	(35)	(29)
12								
13								
14	E1 Late Payment Fees [1]		E1	E1a	E1b	E1c	E1d	E1e
15	2019 Service Revenue		15,169,774					
16	2019 Late Payment Fees		16,894					
17	Percentage		0.11137%					
18								
19	As Adjusted	532	(312)	20,488	23,780	24,754	26,633	28,202
20								
21	Adjustment			20,800	3,292	974	1,879	1,569
22								
23								
24	E2 Reversal of Certain Other Revenues							
25	To zero out account balances for rate making purposes							
26	Other Sewer/Sewer Rev Accrued Unbilled	536020	-					
27	WSIC/SSIC Revenue reset to 0.00	536030	(119,259)					
28	2019 Refunds (W-218 Sub 497)	536200	1,189,049					
29	2018 Reserve for 2019 Refunds (W-218 Sub 497)	536300	-					
30			-					
31	E3 Reversal of Interest Inc & AFUDC							
32	To zero out account balances		-					
33	Allow Funds Used During Const	420001	(116,033)					
34	Allow Funds Used During Const	420002	(350,464)					
35	Interest Inc-Other	419010	-					
36	Interest Inc-Banks	419015	(9,020)					
37	Nonutil Inc-Other	421900	(2,000)					
38	Nonutil Inc-CAC/CIAC Tax G/U	421960	(301,827)					
39								

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Exhibit Es

		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)
		Sewer								
Line No.	Description	Account	Test Year		Base Year Amount	Rate Year 1 Amount	Rate Year 2 Amount	Rate Year 3 Amount		
			Per Books	As Adjusted						
40										
41	E4 Uncollectibles [1]		E4	E4a	E4b	E4c	E4d	E4e		
42	2019 Service Revenue		15,169,774							
43	2019 Uncollectibles		(50,080)							
44	Percentage		-0.33013%							
45										
46	As Adjusted	770	(32,973)	(60,735)	(70,493)	(73,380)	(78,951)	(83,601)		
47										
48	Adjustment			(27,761)	(9,758)	(2,887)	(5,571)	(4,650)		
49										
50										
51	E5 Taxes Other Than Income Taxes - PUC Assessment		E5	E5a	E5b	E5c	E5d	E5e		
52	As Adjusted	408101	21,004	23,916	27,759	28,896	31,090	32,921		
53	Percent		0.13000%							
54	Adjustment			2,912	3,843	1,137	2,194	1,831		
55										
56										
57										
58	E6 Taxes Other Than Income Taxes - Gross Receipts Tax		E6	E6a	E6b	E6c	E6d	E6e		
59	To Adjust Sewer GR Tax booked as Franchise Tax									
60	Per Books GR Tax	408206	-	-	-	-	-	-		
61	Gross Receipts Tax rate		0%	0%	0%	0%	0%	0%		
62	As Adjusted Gross Receipts tax expense		-	-	-	-	-	-		
63	Adjustment			-	-	-	-	-		
64										

Aqua North Carolina, Inc.
Docket W-218 Sub 573
AQUA North Carolina Water and Sewer
P&L Adjustment Calculations
Test Year Ending December 31, 2021

Exhibit Es

	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)
	Sewer								
Line No.	Description	Account	Test Year		Base Year	Rate Year 1	Rate Year 2	Rate Year 3	
			Per Books	As Adjusted	Amount	Amount	Amount	Amount	
65									
66									
67	E7 Taxes Other Than Income Taxes - Payroll Taxes Pro Forma								
68	Per Book Labor		2,383,927	Percentage					
69	Payroll Taxes - FICA	408121/676230	193,047	8.1%					
70	Payroll Taxes - FUTA	408122	1,931	0.1%					
71	Payroll Taxes - SUTA	408123	3,808	0.2%					
72									
73	As Adjusted Labor			2,630,376	2,640,569	2,719,786	2,801,380	2,885,422	
74	Payroll Taxes - FICA	408121		213,004	213,829	220,244	226,851	233,657	
75	Payroll Taxes - FUTA	408122		2,131	2,139	2,204	2,270	2,338	
76	Payroll Taxes - SUTA	408123		4,201	4,218	4,344	4,475	4,609	
77									
78	Pro Forma Adjustments								
79	Payroll Taxes - FICA	408121		19,957	825	6,415	6,607	6,806	
80	Payroll Taxes - FUTA	408122		200	8	64	66	68	
81	Payroll Taxes - SUTA	408123		394	16	127	130	134	
	Total			20,550	850	6,606	6,804	7,008	
82	*The Labor amounts shown are the costs in 601 & 603, offset by the capitalized portion in GL 676210								
83									
84	E8 Income Taxes - Deferred Income Taxes (reversal of test year amount)								
85	Federal	410101	652,000						
86	Options	410103	-						
87	State	410111	11,366						
88			<u>663,366</u>						
89									
90	E9 Interest (Debt, Cust. Deposits, etc)								
91	To Zero Account Balances (Interest is Handled in Return on								
92	Debt Calculations)								
93	Interest Expense - Short - Term Debt	427200	-						
94	Interest Expense - Long - Term Debt	427300	72,184						
95	Interest Expense - LT Pushdown Debt	427310	1,332,590						
96	Cust Dep Interest	427400	-						
97	Interest Expense - Other	427500	25						
98	Amort - Debt Disc & Expense	427600	73,725						
99			<u>1,478,523</u>						
100			<u>1,359,808</u>						
101			<u>(118,715)</u>						
102									

Aqua North Carolina, Inc.
Docket W-218 Sub 573
AQUA North Carolina Water and Sewer
P&L Adjustment Calculations
Test Year Ending December 31, 2021

Exhibit Es

(a) (b) (c) (d) (e) (f) (g) (h) (i)								
Sewer								
Line No.	Description	Account	Test Year		Base Year	Rate Year 1	Rate Year 2	Rate Year 3
			Per Books	As Adjusted	Amount	Amount	Amount	Amount
103	E10 Miscellaneous Nonutility Expense							
104	To Exclude Non Utility Expenses That Are Not Included in Rates							
105	be considered for Ratemaking purposes							
106	Misc - A&G - Network Support	426060		(983)				
107	Misc - A&G - Computer Paper	426080		(2,569)				
108	Misc - A&G - Contrib	426090		-				
109	Misc - A&G - Toner	426110		-				
110	Misc - A&G - Copies	426210		(5,302)				
111	Misc - A&G - Office Supplies	426219		-				
112	Misc - A&G - Directors	426220		-				
113	Misc - A&G - Dues	426310		-				
114	WT-Misc-A&G-DISAST RECOV	426320		(9)				
115	Misc - A&G - Promotional Items	426950		(13,063)				
116	Misc - A&G - Entertain	426900		10,920				
117	Total			(11,006)				

1/ Due to the impact of COVID related measures, these amounts are calculated on 2019 book data in order to provide a "normal" basis for projecting costs in this case.

Aqua North Carolina, Inc.
Docket W-218 Sub 573
AQUA North Carolina Water and Sewer
P&L Adjustment Calculations
Test Year Ending December 31, 2021

Exhibit Ew11

		Test Year			Base Year		Rate Year 1		Rate Year 2		Rate Year 3		
Line No.		Account	Pro Forma As Adjusted	Annualization Adjustment	Consumption Adjustment	Forecasted	Annualization Adjustment	Forecasted	Annualization Adjustment	Forecasted	Annualization Adjustment	Forecasted	Annualization Adjustment
WATER													
		Factors ---->		1.0007	-1.4500%		0.0000		0.0000		0.0000		0.0000
1	E11	Annualization Adjustments											
2		Plant O&M Expense											
3		Purchased Water	610100	2,263,878	1,585	(32,849)	2,679,188	-	2,679,188	-	2,679,188	-	2,679,188
4		Purchased Power - Source Oper	615100	2,329,807	1,631	(33,806)	2,400,633	-	2,473,613	-	2,548,810	-	2,626,293
5		Purchased Power - Treat Oper	615300	16	0	(0)	17	-	18	-	19	-	20
6		Fuel Pwr Prod - Source Oper	616100	1,626	1	(24)	1,676	-	1,727	-	1,780	-	1,834
7		Fuel Pwr Prod - Treat Oper	616300	-	-	-	-	-	-	-	-	-	-
8		Fuel Pwr Prod - T&D Oper	616500	-	-	-	-	-	-	-	-	-	-
9		Chem - WtrTrt - Oper - General	618300	10,412	7	(151)	10,729	-	11,055	-	11,391	-	11,737
10		Chem - WtrTrt - Oper - Caustic	618320	243,930	171	(3,539)	251,346	-	258,987	-	266,860	-	274,973
11		Chem - WtrTrt - Oper - Chlorine	618325	72,449	51	(1,051)	74,652	-	76,921	-	79,259	-	81,668
12		Chem - WtrTrt - Oper - Hypochlori	618340	12,505	9	(181)	12,885	-	13,277	-	13,681	-	14,097
13		Chem - WtrTrt - Oper - Polyphosph	618345	95,998	67	(1,393)	98,917	-	101,924	-	105,022	-	108,215
14		Chem - WtrTrt - Oper - Zinc Ortho	618350	-	-	-	-	-	-	-	-	-	-
15		Chem - WtrTrt - Oper - Soda Ash	618355	1,128	1	(16)	1,162	-	1,197	-	1,233	-	1,270
16		Chem - WtrTrt - Oper - Lime	618365	-	-	-	-	-	-	-	-	-	-
17		Chem - WtrTrt - Oper - Potaperm	618385	-	-	-	-	-	-	-	-	-	-
18		Chem - WtrTrt - Oper - Misc Chem	618395	14,173	10	(206)	284,910	-	293,571	-	302,495	-	311,691
19		Mat&Sup - Source Oper	620100	343	0	(5)	353	-	364	-	375	-	386
20		Mat&Sup - Source Maint	620200	51	0	(1)	53	-	55	-	57	-	59
21		Mat&Sup - WtrTrt Oper	620300	63,042	44	(915)	64,959	-	66,934	-	68,969	-	71,066
22		Mat&Sup - WtrTrt Maint	620400	97	0	(1)	100	-	103	-	106	-	109
23		Mat&Sup - T&D Op - Freight	620506	28,229	20	(410)	29,087	-	29,971	-	30,882	-	31,821
24		Mat&Sup - T&D Maint - Gen	620600	100	0	(1)	103	-	106	-	109	-	112
25		Mat&Sup - T&D Maint - Meters	620603	-	-	-	-	-	-	-	-	-	-
26		Mat&Sup - T&D Maint - Freight	620606	-	-	-	-	-	-	-	-	-	-
27		Mat&Sup - T&D Maint - Safety Suppl	620613	-	-	-	-	-	-	-	-	-	-
28		Mat&Sup - T&D Maint - Tool Purch	620614	-	-	-	-	-	-	-	-	-	-
29		Trans - T&D Maint	650600	24	0	(0)	25	-	26	-	27	-	28
30		Misc - Src Oper	675100	1,217	1	(18)	1,254	-	1,292	-	1,331	-	1,371
31		Misc - Src Maint	675200	26	0	(0)	27	-	28	-	29	-	30
32		Misc - WtrTrt Oper	675300	53	0	(1)	55	-	57	-	59	-	61
33		General Expense		-	-	-	-	-	-	-	-	-	-
34		Mat&Sup - Cust Accts	620700	35	0	(1)	36	-	37	-	38	-	39
35		Mat&Sup - A&G	620800	9,464	7		9,752	-	10,049	-	10,355	-	10,669
36		Misc - Cust Accts	675700	10,452	7		10,770	-	11,097	-	11,434	-	11,782
37		Misc - A&G - Mail&Post	675830	3,966	3		4,086	-	4,210	-	4,338	-	4,469
38		Misc - A&G - Mail Overnight	675831	10,796	8		11,124	-	11,462	-	11,811	-	12,169
39		Misc - A&G - Bank Fees	675858	80,192	56		82,630	-	85,142	-	87,730	-	90,397
40		Adjustment Totals (to Exhibit D)		5,254,010	3,678	(74,570)	6,030,529	-	6,132,411	-	6,237,388	-	6,345,554

Aqua North Carolina, Inc.
Docket W-218 Sub 573
AQUA North Carolina Water and Sewer
P&L Adjustment Calculations
Test Year Ending December 31, 2021

Exhibit Ew11

Line No.		Account	Test Year			Base Year		Rate Year 1		Rate Year 2		Rate Year 3	
			Pro Forma As Adjusted	Annualization Adjustment	Consumption Adjustment		Annualization Adjustment		Annualization Adjustment		Annualization Adjustment		Annualization Adjustment
			Forecasted			Forecasted		Forecasted		Forecasted		Forecasted	
	SEWER												
	Factors ---->		1.0103	0.9933%		0.0000		0.0000		0.0000		0.0000	
1	E11 Annualization Adjustments												
2	Plant O&M Expense												
3	Purchased Sewer - T&D - Oper	710500	870,126	8,962	8,732	896,578	-	923,834	-	951,919	-	980,857	
4	Sludge Removal - T&D - Oper	711500	648,198	6,676	6,505	667,903	-	688,207	-	709,128	-	730,685	
5	Sludge Removal - T&D - Maint	711600	-	-	-	-	-	-	-	-	-	-	
6	Purchased Pwr - Collect Oper	715100	1,076,378	11,087	10,802	1,109,100	-	1,142,817	-	1,177,558	-	1,213,356	
7	Purchased Pwr - Pump Oper	715300	-	-	-	-	-	-	-	-	-	-	
8	Purchased Pwr - T&D Oper	715500	-	-	-	-	-	-	-	-	-	-	
9	Fuel Pwr Prod - Collect Oper	716100	39,650	408	398	40,855	-	42,097	-	43,377	-	44,696	
10	Fuel Pwr Prod - Pump Oper	716300	-	-	-	-	-	-	-	-	-	-	
11	Chem - Coll Oper - General	718100	-	-	-	-	-	-	-	-	-	-	
12	Chem - Coll Maint - General	718200	-	-	-	-	-	-	-	-	-	-	
13	Chem - Pump Oper - General	718300	284,667	2,932	2,857	293,321	-	302,238	-	311,426	-	320,893	
14	Chem - T&D Oper - General	718500	310,951	3,203	3,120	603,095	-	621,428	-	640,319	-	659,785	
15	Chem - T&D Maint - General	718600	-	-	-	-	-	-	-	-	-	-	
16	Mat&Sup - Collect Oper	720100	119	1	1	123	-	127	-	131	-	135	
17	Mat&Sup - Recl Wt Trt - Maint	720101	-	-	-	-	-	-	-	-	-	-	
18	Mat&Sup - Recl Wt Dist - Maint	720120	-	-	-	-	-	-	-	-	-	-	
19	Mat&Sup - Collect Maint	720200	179	2	2	184	-	190	-	196	-	202	
20	Mat&Sup - Pump Oper	720300	6,869	71	69	7,078	-	7,293	-	7,515	-	7,743	
21	Mat&Sup - Pump Maint	720400	-	-	-	-	-	-	-	-	-	-	
22	Mat&Sup - T&D Oper	720500	64,500	664	647	66,461	-	68,481	-	70,563	-	72,708	
23	Mat&Sup - T&D Op - Maint Supply	720512	29,761	307	299	30,666	-	31,598	-	32,558	-	33,548	
24	Mat&Sup - T&D Maint	720600	29	0	0	30	-	31	-	32	-	33	
25	Trans - T&D Maint	750600	-	-	-	-	-	-	-	-	-	-	
26	Misc - Coll Oper	775100	77	1	1	79	-	81	-	83	-	86	
27	Misc - Coll Maint	775200	-	-	-	-	-	-	-	-	-	-	
28	Misc - Pump Oper	775300	-	-	-	-	-	-	-	-	-	-	
29	Misc - Pump Maint	775400	-	-	-	-	-	-	-	-	-	-	
30	Misc - T&D Oper	775500	-	-	-	-	-	-	-	-	-	-	
31	Misc - T&D Maint	775600	103	1	1	106	-	109	-	112	-	115	
32	General Expense		-	-	-	-	-	-	-	-	-	-	
33	Mat&Sup - Cust Accts	720700	8	0	0	8	-	8	-	8	-	8	
34	Mat&Sup - A&G	720800	27,308	281	274	28,138	-	28,994	-	29,875	-	30,783	
35	Misc - Cust Accts	775700	2,508	26		2,584	-	2,663	-	2,744	-	2,827	
36	Misc - A&G - Mail&Post	775830	1,088	11		1,121	-	1,155	-	1,190	-	1,226	
37	Misc - A&G - Mail Overnight	775831	2,677	28		2,758	-	2,842	-	2,928	-	3,017	
38	Misc - A&G - Bank Fees	775858	22,275	229		22,952	-	23,649	-	24,368	-	25,109	
39	Adjustment Totals (to Exhibit D)		3,387,468	34,891	33,708	3,773,140	-	3,887,842	-	4,006,030	-	4,127,812	

Aqua North Carolina, Inc.

Exhibit Gw

Docket W-218 Sub 573

AQUA North Carolina Water and Sewer

Calculation of Revenue Requirement Based on Return on Equity

Test Year Ending December 31, 2021

WATER							
Line No.	Description	Account	Base Year	MYRP			Reference
				Rate Year 1	Rate Year 2	Rate Year 3	
1	Return on Equity		9,279,984	9,761,334	10,574,874	11,194,565	Mw
2	Income Tax on ROE		2,768,032	2,911,608	3,154,271	3,339,112	
3	ROE with Inc Tax Gross-up		12,048,016	12,672,942	13,729,145	14,533,678	
4	GR Tx & Rg Fee Gross up amnt on ROE + IncTax		15,683	16,496	17,871	18,918	
5	ROE with Inc Tax & Fee Gross-up		12,063,698	12,689,438	13,747,016	14,552,596	
6							
7	Return on Debt		3,578,148	3,763,745	4,077,427	4,316,366	Mw
8	GR Tx & Rg Fee Gross up amnt		4,658	4,899	5,308	5,619	
9	Return on Debt with Fee gross-up		3,582,805	3,768,644	4,082,735	4,321,985	
10							
11	O&M Expenses Including Annualization Adjustments		23,008,972	23,683,530	24,306,073	24,911,070	Dw
12	Interest Paid on Customer Deposits	427400	19,080	19,080	19,080	19,080	Dw
13	Depreciation	403	9,438,416	10,114,988	11,939,889	12,862,627	Dw
14	Benefit Costs-Pension	404	(17,445)	(17,446)	(17,446)	(17,446)	Dw
14	Amortization of Acquisition Adjustments	406	266,663	266,663	266,663	266,663	Dw
15	Amortization of CIAC, Tank Painting, Other	407	(1,693,238)	(1,693,238)	(1,693,238)	(1,693,238)	Dw
16	Property & Payroll Taxes	Various	1,383,160	1,394,329	1,414,958	1,438,287	Dw
17	Franchise Tax	408205	174,267	174,268	174,268	174,268	
18	Subtotal - Expenses Subject to Fee recovery		32,579,876	33,942,174	36,410,246	37,961,312	
19	GR Tx & Rg Fee Gross up amnt on Expenses		42,409	44,182	47,395	49,414	
20	Subtotal - Expenses with Fee Gross-Up		32,622,285	33,986,356	36,457,641	38,010,726	
21							
22	Deferred Taxes - ARAM	410	(74,802)	(74,802)	(74,802)	(74,802)	Dw
23	Income Tax on ARAM		(22,312)	(22,312)	(22,312)	(22,312)	
24	ARAM w/ Income Tax Gross-up		(97,114)	(97,114)	(97,114)	(97,114)	
25	Regulatory Fee Gross Up on ARAM and Income Taxes		(126)	(126)	(126)	(126)	
26	ARAM with Inc Tax & Fee Gross-up		(97,240)	(97,240)	(97,240)	(97,240)	
27							
28	Pre Bad Debt Adjustment Revenue Requirement		48,171,548	50,347,199	54,190,152	56,788,066	
29							
30	Miscellaneous Revenue (incl. attenaes)		636,269	655,993	670,324	684,224	Dw
31	Revenue Requirement from Service		47,535,279	49,691,205	53,519,828	56,103,842	
32							
33	Service Revenue at Present Rates		42,362,625	42,997,538	51,110,679	53,653,838	Dw
34	Revenue Deficiency Before Bad Debt/Late Pmt Fee Adjustment		5,172,654	6,693,667	2,409,149	2,450,004	
35							
36	Bad Debt as % of Revenue		-0.3058%	-0.3058%	-0.3058%	-0.3058%	Dw
37	Late Pmt Fees as % of Revenue		0.1658%	0.1658%	0.1658%	0.1658%	Dw
38	Abatelements as % of Revenue		-0.1414%	-0.1414%	-0.1414%	-0.1414%	Dw
39	Total		-0.2814%	-0.2814%	-0.2814%	-0.2814%	
40	Gross Up		100.2814%	100.2814%	100.2814%	100.2814%	
41							
42	Service Revenue Requirement After Bad Debt/Late Pmt Fee Adjustment		47,549,835	49,710,041	53,526,607	56,110,736	
43							
44	Service Revenue Increase Required		5,187,209	6,712,503	2,415,928	2,456,898	
45	Rate Increase %		12.2%	15.6%	4.7%	4.6%	
46	Increase in Bad Debt		(15,863)	(20,528)	(7,388)	(7,513)	
47	Increase in Late Pmts		8,600	11,128	4,005	4,073	
48	Increase in Abatelements		(7,333)	(9,490)	(3,415)	(3,473)	
49	Total Service & Misc after Bad Debt Adjmnt		48,171,507	50,347,146	54,190,133	56,788,046	
51	Total Service & Misc after Bad Debt Adjmnt, Capped for RY 2 & RY 3 at:	5.0%	48,171,507	50,347,146	52,864,503	55,507,728	

Aqua North Carolina, Inc.

Exhibit Gs

Docket W-218 Sub 573

AQUA North Carolina Water and Sewer

Calculation of Revenue Requirement Based on Return on Equity

Test Year Ending December 31, 2021

SEWER							
Line No.	Description	Account	Base Year	MYRP			Reference
				Rate Year 1	Rate Year 2	Rate Year 3	
1	Return on Equity		4,608,063	4,769,393	5,250,024	5,647,143	Ms
2	Income Tax on ROE		1,374,492	1,422,613	1,565,976	1,684,429	
3	ROE with Inc Tax Gross-up		5,982,556	6,192,006	6,816,000	7,331,572	
4	GR Tx & Rg Fee Gross up amnt on ROE + IncTax		7,787	8,060	8,872	9,543	
5	ROE with Inc Tax & Fee Gross-up		5,990,343	6,200,067	6,824,873	7,341,116	
6							
7	Return on Debt		1,776,763	1,838,968	2,024,288	2,177,408	Ms
8	GR Tx & Rg Fee Gross up amnt		2,313	2,394	2,635	2,834	
9	Return on Debt with Fee gross-up		1,779,076	1,841,362	2,026,923	2,180,242	
10							
11	O&M Expenses Including Annualization Adjustments		10,352,785	10,689,311	11,008,795	11,337,950	Ds
12	Interest Paid on Customer Deposits	427400	419	419	419	419	Ds
13	Depreciation	403	5,506,031	5,763,515	6,311,112	6,711,191	Ds
14	Benefit Costs-Pension	404	(4,819)	(4,819)	(4,818)	(4,818)	
15	Amortization of Acquisition Adjustments	406	(94,932)	(94,932)	(94,932)	(94,932)	Ds
16	Amortization of CIAC, Tank Painting, Other	407	(2,480,088)	(2,480,088)	(2,480,088)	(2,480,088)	Ds
17	Property & Payroll Taxes	Various	263,371	271,114	280,112	288,951	Ds
18	Franchise Tax	408205	48,267	48,267	48,267	48,267	
19	Subtotal - Expenses Subject to Fee recovery		13,591,034	14,192,786	15,068,866	15,806,940	
20	GR Tx & Rg Fee Gross up amnt on Expenses		17,691	18,475	19,615	20,576	
21	Subtotal - Expenses with Fee Gross-Up		13,608,725	14,211,261	15,088,481	15,827,515	
22							
23	Deferred Taxes - ARAM	410	(19,304)	(19,304)	(19,304)	(19,304)	Ds
24	Income Tax on ARAM		(5,758)	(5,758)	(5,758)	(5,758)	
25	ARAM w/ Income Tax Gross-up		(25,062)	(25,062)	(25,062)	(25,062)	
26	Regulatory Fee Gross Up on ARAM and Income Taxes		(33)	(33)	(33)	(33)	
27	ARAM with Inc Tax & Fee Gross-up		(25,095)	(25,095)	(25,095)	(25,095)	
28							
29	Pre Bad Debt Adjustment Revenue Requirement		21,353,049	22,227,595	23,915,182	25,323,779	
30							
31	Miscellaneous Revenue (incl. attenaes)		(45,078)	(45,001)	(46,852)	(49,880)	Ds
32	Revenue Requirement from Service		21,398,127	22,272,596	23,962,034	25,373,658	
33							
34	Service Revenue at Present Rates		18,378,887	19,032,697	22,952,318	24,069,207	Ds
35	Revenue Deficiency Before Bad Debt/Late Pmt Fee Adjustment		3,019,240	3,239,899	1,009,717	1,304,452	
36							
37	Bad Debt as % of Revenue		-0.3301%	-0.3301%	-0.3301%	-0.3301%	Es
38	Late Pmt Fees as % of Revenue		0.1114%	0.1114%	0.1114%	0.1114%	Es
39	Abatements as % of Revenue		-0.0021%	-0.0021%	-0.0021%	-0.0021%	Es
40	Total		-0.2208%	-0.2208%	-0.2208%	-0.2208%	
41	Gross Up Factor		100.2208%	100.2208%	100.2208%	100.2208%	
42							
43	Service Revenue Requirement After Bad Debt/Late Pmt Fee Adjustment		21,404,794	22,279,750	23,964,264	25,376,539	
44							
45	Service Revenue Increase Required		3,025,907	3,247,053	1,011,946	1,307,332	
46	Rate Increase %		16.5%	17.1%	4.4%	5.4%	
47	Increase in Bad Debt		(9,989)	(10,720)	(3,341)	(4,316)	
48	Increase in Late Pmts		3,370	3,616	1,127	1,456	
49	Increase in Abatements		(62)	(67)	(21)	(27)	
50	Total Service & Misc after Bad Debt Adjmnt		21,353,035	22,227,579	23,915,177	25,323,772	
51	Total Service & Misc after Bad Debt Adjmnt, Capped for RY 2 & RY 3 at:	5.0%	21,353,035	22,227,579	23,338,958	24,505,906	

Aqua North Carolina, Inc.
Docket W-218 Sub 573
AQUA North Carolina Water and Sewer
Calculation of Gross-Up Factors
Test Year Ending December 31, 2021

Exhibit G
Gross-Up Factors

Line No.	(a) Item	WATER		SEWER	
		(b) Factor	(c) Percent	(d) Factor	(e) Percent
1	Fees Only				
2	Gross Receipts Tax		0.00%		0.00%
3	NCUC Regulatory Fee		0.130%		0.130%
4	Gross-Up Factor	<u>1.0013</u>		<u>1.0013</u>	
5	Income Taxes				
6	State Tax		2.50%		2.50%
7	Fed Inc Tax		21.00%		21.00%
8	Factor for Inc Taxes	<u>1.2983</u>		<u>1.2983</u>	

Aqua North Carolina, Inc.
Docket W-218 Sub 573
AQUA North Carolina Water and Sewer
Calculation of Income Taxes
Test Year Ending December 31, 2021

Exhibit K

Line	(a)	(b)	(c)	(d)	(e)	(f)	(g)
No.	Item	Rate	Test Year 12/31/2021	After Applied for Increase			
				Base Year	Rate Year 1	Rate Year 2	Rate Year 3
1	WATER						
2	Operating Revenue		\$ 42,362,625	\$ 48,593,304	\$ 50,767,707	\$ 53,293,989	\$ 55,955,509
3							
4	Operating Revenue Deductions						
5	Operating Expenses		22,550,619	23,008,972	23,683,530	24,306,073	24,911,070
6	Interest on Customer Deposits		19,080	19,080	19,080	19,080	19,080
7	Depreciation & Amort		7,917,353	8,011,841	8,688,413	10,513,314	11,436,052
8	Taxes Other than Income Taxes		1,484,382	1,557,428	1,568,597	1,589,226	1,612,555
9	Interest Expense		3,159,285	3,578,148	3,763,745	4,077,427	4,316,366
10	Total Operating Revenue Deductions		35,130,719	36,175,470	37,723,365	40,505,120	42,295,124
11							
12	Taxable Income: Line 2 - Line 10		7,231,906	12,417,834	13,044,341	12,788,870	13,660,386
13							
14	State Income Tax @	2.50%	180,798	310,446	326,109	319,722	307,359
15							
16	Federal Taxable Income		7,051,108	12,107,388	12,718,233	12,469,148	13,353,027
17							
18	Net Federal Taxable Income		7,051,108	12,107,388	12,718,233	12,469,148	13,353,027
19	Federal Income Tax @	21.00%	1,480,733	2,542,551	2,670,829	2,618,521	2,804,136
20							
21	Total Income Taxes		1,661,530	2,852,997	2,996,937	2,938,243	3,111,494
22							
23	Effective Federal Tax Rate		21.000%	21.000%	21.000%	21.000%	21.000%

Aqua North Carolina, Inc.
Docket W-218 Sub 573
ANC_WATER and Sewer
Calculation of Income Taxes
Test Year Ending December 31, 2021

Exhibit K

Line No.	(a) Item	(b) Rate	(c) Test Year 12/31/2021	(d) Base Year	(e) Rate Year 1	(f) Rate Year 2	(g) Rate Year 3
1	SEWER						
2							
3	Operating Revenue		\$ 18,378,887	\$ 21,287,624	\$ 22,158,364	\$ 23,262,949	\$ 24,424,626
4	Operating Revenue Deductions						
5	Operating Expenses		9,949,238	10,352,785	10,689,311	11,008,795	11,337,950
6	Interest on Customer Deposits		419	419	419	419	419
7	Depreciation & Amort		2,857,678	2,931,010	3,188,495	3,736,092	4,136,171
8	Taxes Other than Income Taxes		306,946	311,638	319,381	328,379	337,218
9	Interest Expense		1,359,808	1,776,763	1,838,968	2,024,288	2,177,408
10	Total Operating Revenue Deductions		14,474,088	15,372,616	16,036,573	17,097,972	17,989,166
11							
12	Taxable Income: Line 3 - Line 10		3,904,799	5,915,008	6,121,790	6,164,976	6,435,460
13							
14	State Income Tax @	2.50%	97,620	147,875	153,045	154,124	144,798
15							
16	Federal Taxable Income		3,807,179	5,767,133	5,968,746	6,010,852	6,290,663
17							
18	Net Federal Taxable Income		3,807,179	5,767,133	5,968,746	6,010,852	6,290,663
19	Federal Income Tax @	21.00%	799,508	1,211,098	1,253,437	1,262,279	1,321,039
20							
21	Total Income Taxes		897,128	1,358,973	1,406,481	1,416,403	1,465,837
22							
23	Effective Federal Tax Rate		21.000%	21.000%	21.000%	21.000%	21.000%

Aqua North Carolina, Inc.
Docket W-218 Sub 573
AQUA North Carolina Water and Sewer
Calculation of Cash Working Capital
Test Year Ending December 31, 2021

EXHIBIT L
Cash Working Capital to Rate Base

Line No.	(a) Description	(b) Account	(c) 12/31/2021	(d) 12/31/2022	Rate Year 1	Rate Year 2	Rate Year 3	Reference
		(1)	(2)	(3)	(4)	(5)	(6)	(7)
WATER								
1	Total O&M Expenses		22,550,619	23,008,972	23,683,530	24,306,073	24,911,070	Dw
2	Purchased Water / Sewer Treatment	610	(2,562,350)	(2,679,188)	(2,679,188)	(2,679,188)	(2,679,188)	Dw
3	Net		19,988,269	20,329,784	21,004,342	21,626,885	22,231,882	
4	Proforma Test Year Cust Dep Interest	427400	-	-	-	-	-	Dw
5	Expense Basis		19,988,269	20,329,784	21,004,342	21,626,885	22,231,882	
6								
7	One-Eighth of Expense Basis		2,498,534	2,541,223	2,625,543	2,703,361	2,778,985	
8								
9	Prepayments							
10	Unamortized Tank Painting		2,303,330	1,992,735	1,682,140	1,371,544	1,060,949	Ex. L-1
11	Unamortized Rate Case Expense		535,224	243,284	580,791	290,396	-	Ex. L-1
12	Unamortized Depreciation Study Expense		14,450	7,071	-	-	-	Ex. L-1
13	Unamortized Repair Tax Credit Cost		58,735	53,973	49,211	44,448	39,686	Ex. L-1
14	Tax Accruals		(305,397)	(306,809)	(307,381)	(308,317)	(308,986)	
15	Working Capital Allowance		5,104,877	4,531,477	4,630,304	4,101,432	3,570,634	
16								
17	Calculation of Tax Accruals							
18	Property Tax Expense	408110	586,039	605,419	625,440	646,123	667,490	
19	Divided by 2		293,020	293,020	293,020	293,020	293,020	
20								
21	Regulatory assessment fee	408101	54,245	62,623	65,451	70,447	73,824	
22	Federal Unemployment tax	408122	6,963	6,995	7,205	7,421	7,644	
23	State Unemployment tax	408123	13,055	13,116	13,510	13,915	14,333	
24	Gross Receipts Tax	408206	-	-	-	-	-	
25	Subtotal		74,263	82,735	86,166	91,784	95,801	
26	Divided by 6		12,377	13,789	14,361	15,297	15,967	
27								
28	Total Tax Accruals - Line 19 + Line 25		305,397	306,809	307,381	308,317	308,986	

Aqua North Carolina, Inc.
Docket W-218 Sub 573
AQUA North Carolina Water and Sewer
Calculation of Cash Working Capital
Test Year Ending December 31, 2021

EXHIBIT L
Cash Working Capital to Rate Base

Line No.	(a) Description	(b) Account	(c) 12/31/2021	(d) 12/31/2022	Rate Year 1	Rate Year 2	Rate Year 3	Reference
SEWER								
1	Total O&M Expenses		9,949,238	10,352,785	10,689,311	11,008,795	11,337,950	Ds
2	Purchased Water / Sewer Treatment	710	(870,126)	(896,578)	(923,834)	(951,919)	(980,857)	Ds
3	Net		9,079,112	9,456,207	9,765,477	10,056,876	10,357,093	
4	Proforma Test Year Cust Dep Interest	427400	-	-	-	-	-	Ds
5	Expense Basis		9,079,112	9,456,207	9,765,477	10,056,876	10,357,093	
6								
7	One-Eighth of Expense Basis		1,134,889	1,182,026	1,220,685	1,257,109	1,294,637	
8								
9	Prepayments							
10	Unamortized Tank Painting		-	-	-	-	-	
11	Unamortized Rate Case Expense		139,072	63,215	163,064	81,532	-	Exhibit B6
12	Unamortized Depreciation Study Expense		3,612	1,768	-	-	-	Exhibit B6
13	Unamortized Repair Tax Credit Cost		18,730	17,212	15,693	14,174	12,656	
14	Tax Accruals		(12,744)	(13,643)	(14,127)	(14,798)	(15,418)	
15	Working Capital Allowance		1,283,559	1,250,577	1,385,314	1,338,018	1,291,875	
16								
17	Calculation of Tax Accruals							
18	Property Tax Expense	408110	15,405	15,914	16,440	16,984	17,546	
19	Divided by 2		7,702	7,957	8,220	8,492	8,773	
20								
21	Regulatory assessment fee	408101	23,916	27,759	28,896	31,090	32,921	Es
22	Federal Unemployment tax	408122	2,131	2,139	2,204	2,270	2,338	Es
23	State Unemployment tax	408123	4,201	4,218	4,344	4,475	4,609	Es
24	Gross Receipts Tax	408206	-	-	-	-	-	
25	Subtotal		30,249	34,116	35,444	37,834	39,867	
26	Divided by 6		5,041	5,686	5,907	6,306	6,645	
27								
28	Total Tax Accruals - Line 19 + Line 26		12,744	13,643	14,127	14,798	15,418	

Aqua North Carolina, Inc.
Docket W-218 Sub 573
AQUA North Carolina Water and Sewer
Calculation of Cash Working Capital
Test Year Ending December 31, 2021

EXHIBIT L-1
Cash Working Capital Amortization Schedules

	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)
1	Tank Painting	GL186301		<u>12/31/2021</u>	<u>2022 Amort</u>	<u>12/31/2022</u>	<u>2023 Amort</u>	<u>12/31/2023</u>	<u>2024 Amort</u>	<u>12/31/2024</u>	<u>2025 Amort</u>	<u>12/31/2025</u>
2	Aqua NC Water			\$ 2,303,330	\$ (310,595)	\$ 1,992,735	\$ (310,595)	\$ 1,682,140	\$ (310,595)	\$ 1,371,544	\$ (310,595)	\$ 1,060,949
3	Fairways Water			\$ 22,244	\$ (3,734)	\$ 18,511	\$ (3,734)	\$ 14,777	\$ (3,734)	\$ 11,043	\$ (3,734)	\$ 7,310
4	Brookwood Water			\$ 210,253	\$ (33,726)	\$ 176,527	\$ (33,726)	\$ 142,800	\$ (33,726)	\$ 109,074	\$ (33,726)	\$ 75,347
5	Total			\$ 2,535,827	\$ (348,055)	\$ 2,187,772	\$ (348,055)	\$ 1,839,717	\$ (348,055)	\$ 1,491,661	\$ (348,055)	\$ 1,143,606
6												
7	Depreciation Study - performed in 2017 by Gannett Fleming - to be amortized over 5 years (per W-218 Sub 497)											
8	Rate Division	Allocated \$\$\$	Annual Amort	<u>12/31/2021</u>	<u>2022 Amort</u>	<u>12/31/22 Balance</u>	<u>2023 Amort</u>	<u>12/31/2023</u>	<u>2024 Amort</u>	<u>12/31/2024</u>	<u>2025 Amort</u>	<u>12/31/2025</u>
9	ANC Water	\$ 36,894	\$ (7,379)	\$ 14,450	\$ (7,379)	\$ 7,071	\$ (7,071)	\$ -	\$ -	\$ -	\$ -	\$ -
10	ANC Sewer	\$ 9,222	\$ (1,844)	\$ 3,612	\$ (1,844)	\$ 1,768	\$ (1,768)	\$ -	\$ -	\$ -	\$ -	\$ -
11	Fairways Water	\$ 2,622	\$ (524)	\$ 1,027	\$ (524)	\$ 503	\$ (503)	\$ -	\$ -	\$ -	\$ -	\$ -
12	Fairways sewer	\$ 1,666	\$ (333)	\$ 653	\$ (333)	\$ 319	\$ (319)	\$ -	\$ -	\$ -	\$ -	\$ -
13	Brookwood Water	\$ 8,260	\$ (1,652)	\$ 3,235	\$ (1,652)	\$ 1,583	\$ (1,583)	\$ -	\$ -	\$ -	\$ -	\$ -
14	Total	\$ 58,664	\$ (11,733)	\$ 22,977	\$ (11,733)	\$ 11,244	\$ (11,244)	\$ -	\$ -	\$ -	\$ -	\$ -
15												
16	W-218 Sub 526 - Unamortized Rate Case Expense (from Exhibit B6)											
17	Rate Division	Original Balance	Annual Amort	<u>12/31/2021</u>	<u>2022 Amort</u>	<u>12/31/22 Balance</u>						
18	Aqua NC Water	\$ 875,822	\$ (291,941)	\$ 535,224	\$ (291,941)	\$ 243,284						
19	Aqua NC Sewer	\$ 227,572	\$ (75,857)	\$ 139,072	\$ (75,857)	\$ 63,215						
20	Fairways Water	\$ 65,483	\$ (21,828)	\$ 40,017	\$ (21,828)	\$ 18,190						
21	Fairways Sewer	\$ 41,685	\$ (13,895)	\$ 25,474	\$ (13,895)	\$ 11,579						
22	Brookwood Water	\$ 194,327	\$ (64,776)	\$ 118,755	\$ (64,776)	\$ 53,980						
23	Total	\$ 1,404,889	\$ (468,296)	\$ 858,543	\$ (468,296)	\$ 390,247						
24												
25	W-218 Sub 573 - Unamortized Rate Case Expense (from Exhibit B6)											
26	Rate Division	Original Balance	Annual Amort				<u>2023 Amort</u>	<u>12/31/2023</u>	<u>2024 Amort</u>	<u>12/31/2024</u>	<u>2025 Amort</u>	<u>12/31/2025</u>
27	Aqua NC Water	\$ 871,187	\$ (290,396)				\$ (290,396)	\$ 580,791	\$ (290,396)	\$ 290,396	\$ (290,396)	\$ -
28	Aqua NC Sewer	\$ 244,596	\$ (81,532)				\$ (81,532)	\$ 163,064	\$ (81,532)	\$ 81,532	\$ (81,532)	\$ -
29	Fairways Water	\$ 68,322	\$ (22,774)				\$ (22,774)	\$ 45,548	\$ (22,774)	\$ 22,774	\$ (22,774)	\$ -
30	Fairways Sewer	\$ 42,730	\$ (14,243)				\$ (14,243)	\$ 28,487	\$ (14,243)	\$ 14,243	\$ (14,243)	\$ -
31	Brookwood Water	\$ 189,636	\$ (63,212)				\$ (63,212)	\$ 126,424	\$ (63,212)	\$ 63,212	\$ (63,212)	\$ -
32	Total	\$ 1,416,471	\$ (472,157)				\$ (472,157)	\$ 944,314	\$ (472,157)	\$ 472,157	\$ (472,157)	\$ -
33												
34	Repair Tax Credit Study - performed in 2013 by KPMG - to be amortized over 20 years (05/2014-04/2034)											
35												
36	Rate Division	Allocated \$\$\$	Annual Amort	<u>12/31/2021</u>	<u>2022 Amort</u>	<u>12/31/22 Balance</u>	<u>2023 Amort</u>	<u>12/31/2023</u>	<u>2024 Amort</u>	<u>12/31/2024</u>	<u>2025 Amort</u>	<u>12/31/2025</u>
37	ANC Water	\$ 95,247	\$ (4,762)	\$ 58,735	\$ (4,762)	\$ 53,973	\$ (4,762)	\$ 49,211	\$ (4,762)	\$ 44,448	\$ (4,762)	\$ 39,686
38	ANC Sewer	\$ 30,373	\$ (1,519)	\$ 18,730	\$ (1,519)	\$ 17,212	\$ (1,519)	\$ 15,693	\$ (1,519)	\$ 14,174	\$ (1,519)	\$ 12,656
39	Brookwood Water	\$ 15,048	\$ (752)	\$ 9,280	\$ (752)	\$ 8,527	\$ (752)	\$ 7,775	\$ (752)	\$ 7,022	\$ (752)	\$ 6,270
40	Fairways Water	\$ 2,421	\$ (121)	\$ 1,493	\$ (121)	\$ 1,372	\$ (121)	\$ 1,251	\$ (121)	\$ 1,130	\$ (121)	\$ 1,009
41	Fairways sewer	\$ 2,727	\$ (136)	\$ 1,681	\$ (136)	\$ 1,545	\$ (136)	\$ 1,409	\$ (136)	\$ 1,272	\$ (136)	\$ 1,136
42	Total	\$ 145,816	\$ (7,291)	\$ 89,920	\$ (7,291)	\$ 82,629	\$ (7,291)	\$ 75,338	\$ (7,291)	\$ 68,047	\$ (7,291)	\$ 60,756

Aqua North Carolina, Inc.
Docket W-218 Sub 573
AQUA North Carolina Water and Sewer
Return on Common Equity and Original Cost Rate Base

Exhibit Mw

WATER							
Line No.	(a) Item	(b) Capitalization Ratio	(c) Original Cost Rate Base	(d) Embedded Cost	(e) Overall Cost Rate	(f) Net Operating Income	(g) Source Exhibit
December 31, 2021 As Adjusted							
Present Rates							
1	Debt	50.00%	\$ 81,846,775	3.86%	1.93%	\$ 3,159,285	A
2	Equity	50.00%	81,846,775	2.97%	1.48%	2,428,536	A
3	Total	100.00%	163,693,549		3.41%	5,587,821	A, Dw
Applied for Rates							
4	Debt	50.00%	81,846,775	3.86%	1.93%	3,159,285	A
5	Equity	50.00%	81,846,775	10.40%	5.20%	8,512,065	A
6	Total	100.00%	163,693,549		7.13%	11,671,350	A
December 31, 2022							
Present Rates							
7	Debt	50.00%	\$ 89,230,615	4.01%	2.01%	\$ 3,578,148	A
8	Equity	50.00%	89,230,615	6.73%	3.36%	6,004,134	A
9	Total	100.00%	178,461,231		5.37%	9,582,282	A, Dw
Applied for Rates							
10	Debt	50.00%	89,230,615	4.01%	2.01%	3,578,148	A
11	Equity	50.00%	89,230,615	10.40%	5.20%	9,279,984	A
12	Total	100.00%	178,461,231		7.21%	12,858,132	A
December 31, 2023							
Present Rates							
13	Debt	50.00%	\$ 93,858,977	4.01%	2.01%	\$ 3,763,745	A
14	Equity	50.00%	93,858,977	-1.41%	-0.71%	(1,325,123)	A
15	Total	100.00%	187,717,955		1.30%	2,438,622	A, Dw
Applied for Rates							
16	Debt	50.00%	93,858,977	4.01%	2.01%	3,763,745	A
17	Equity	50.00%	93,858,977	10.40%	5.20%	9,761,334	A
18	Total	100.00%	187,717,955		7.21%	13,525,079	A
December 31, 2024							
Present Rates							
19	Debt	50.00%	\$ 101,681,483	4.01%	2.01%	\$ 4,077,427	A
20	Equity	50.00%	101,681,483	3.49%	1.74%	3,548,641	A
21	Total	100.00%	203,362,966		3.75%	7,626,068	A, Dw
Applied for Rates							
22	Debt	50.00%	101,681,483	4.01%	2.01%	4,077,427	A
23	Equity	50.00%	101,681,483	10.40%	5.20%	10,574,874	A
24	Total	100.00%	203,362,966		7.21%	14,652,302	A
December 31, 2025							
Present Rates							
25	Debt	50.00%	\$ 107,640,050	4.01%	2.01%	\$ 4,316,366	A
26	Equity	50.00%	107,640,050	3.83%	1.91%	4,121,552	A
27	Total	100.00%	215,280,099		3.92%	8,437,918	A, Dw
Applied for Rates							
28	Debt	50.00%	107,640,050	4.01%	2.01%	4,316,366	A
29	Equity	50.00%	107,640,050	10.40%	5.20%	11,194,565	A
30	Total	100.00%	215,280,099		7.21%	15,510,931	A

Aqua North Carolina, Inc.
Docket W-218 Sub 573
AQUA North Carolina Water and Sewer
Return on Common Equity and Original Cost Rate Base

Exhibit Ms

SEWER							
Line No.	(a) Item	(b) Capitalization Ratio	(c) Original Cost Rate Base	(d) Embedded Cost	(e) Overall Cost Rate	(f) Net Operating Income	(g) Source Exhibit
December 31, 2021 As Adjusted							
Present Rates							
1	Debt	50.00%	\$ 35,228,182	3.86%	1.93%	\$ 1,359,808	A
2	Equity	50.00%	35,228,182	4.69%	2.35%	1,652,682	A
3	Total	100.00%	70,456,363		4.28%	3,012,490	A, Ds
Applied for Rates							
4	Debt	50.00%	35,228,182	3.86%	1.93%	1,359,808	A
5	Equity	50.00%	35,228,182	10.40%	5.20%	3,663,731	A
6	Total	100.00%	70,456,363		7.13%	5,023,539	A
December 31, 2022							
Present Rates							
7	Debt	50.00%	\$ 44,308,302	4.01%	2.01%	\$ 1,776,763	A
8	Equity	50.00%	44,308,302	6.28%	3.14%	2,784,510	A
9	Total	100.00%	88,616,604		5.15%	4,561,273	A, Ds
Applied for Rates							
10	Debt	50.00%	44,308,302	4.01%	2.01%	1,776,763	A
11	Equity	50.00%	44,308,302	10.40%	5.20%	4,608,063	A
12	Total	100.00%	88,616,604		7.21%	6,384,826	A
December 31, 2023							
Present Rates							
13	Debt	50.00%	\$ 45,859,548	4.01%	2.01%	\$ 1,838,968	A
14	Equity	50.00%	45,859,548	-0.43%	-0.21%	(196,580)	A
15	Total	100.00%	91,719,096		1.79%	1,642,388	A, Ds
Applied for Rates							
16	Debt	50.00%	45,859,548	4.01%	2.01%	1,838,968	A
17	Equity	50.00%	45,859,548	10.40%	5.20%	4,769,393	A
18	Total	100.00%	91,719,096		7.21%	6,608,361	A
December 31, 2024							
Present Rates							
19	Debt	50.00%	\$ 50,481,002	4.01%	2.01%	\$ 2,024,288	A
20	Equity	50.00%	50,481,002	4.81%	2.41%	2,428,813	A
21	Total	100.00%	100,962,005		4.41%	4,453,101	A, Ds
Applied for Rates							
22	Debt	50.00%	50,481,002	4.01%	2.01%	2,024,288	A
23	Equity	50.00%	50,481,002	10.40%	5.20%	5,250,024	A
24	Total	100.00%	100,962,005		7.21%	7,274,312	A
December 31, 2025							
Present Rates							
25	Debt	50.00%	\$ 54,299,456	4.01%	2.01%	\$ 2,177,408	A
26	Equity	50.00%	54,299,456	4.59%	2.29%	2,491,466	A
27	Total	100.00%	108,598,911		4.30%	4,668,875	A, Ds
Applied for Rates							
28	Debt	50.00%	54,299,456	4.01%	2.01%	2,177,408	A
29	Equity	50.00%	54,299,456	10.40%	5.20%	5,647,143	A
30	Total	100.00%	108,598,911		7.21%	7,824,552	A

Aqua North Carolina, Inc.

Exhibit Nw

Docket W-218 Sub 573

AQUA North Carolina Water and Sewer

Schedule of Depreciation and CIAC Amortization Rates*

Test Year Ending December 31, 2021

Line No.	(a) Water Account	(b) Water Description	(c) Depr rate
1	UTILITY PLANT IN SERVICE		
2	301.00	ORGANIZATION	0.000%
3	302.00	FRANCHISES AND CONSENTS	0.000%
4	303.00	LAND AND LAND RIGHTS	0.000%
5	304.00	STRUCTURES AND IMPROVEMENTS	1.570%
5-a	304.56	LEASEHOLD IMPROVEMENTS	1.650%
6	307.00	WELLS AND SPRINGS	1.310%
7	309.00	SUPPLY MAINS	4.560%
8	310.00	POWER GENERATION EQUIPMENT	1.790%
9	311.00	PUMPING EQUIPMENT	2.800%
10	320.00	WATER TREATMENT EQUIPMENT	3.860%
11	330.00	DISTRIBUTION RESERVOIRS AND STANDPIPES	2.150%
12	331.00	DISTRIBUTION AND TRANSMISSION MAINS	1.710%
13	333.00	SERVICES	4.810%
14	334.00	METERS AND METER INSTALLATIONS	3.300%
15	335.00	HYDRANTS	2.390%
16	336.00	BACKFLOW PREVENTION DEVICES	2.760%
17	339.00	OTHER PLANT AND MISCELLANEOUS EQUIPMENT	3.390%
18	340.00	FURNITURE	5.000%
19	340.10	COMPUTER EQUIPMENT	20.000% [1]
20	341.10	TRANSPORTATION EQUIPMENT	7.860%
21	342.00	STORES EQUIPMENT	4.000%
22	343.00	TOOLS, SHOP AND GARAGE EQUIPMENT	5.000%
23	344.00	LABORATORY EQUIPMENT	5.000%
24	345.00	POWER OPERATED EQUIPMENT	2.890%
25	346.00	COMMUNICATION EQUIPMENT	10.000%
26	347.00	MISCELLANEOUS EQUIPMENT	5.000%
27	348.00	OTHER TANGIBLE PLANT	4.000%
28	CONTRIBUTIONS IN AID OF CONSTRUCTION		
29	301.00	ORGANIZATION	0.000%
30	302.00	FRANCHISES AND CONSENTS	0.000%
31	303.00	LAND AND LAND RIGHTS	0.000%
32	304.20	GENERAL PLANT	1.620%
33	307.00	WELLS AND SPRINGS	1.450%
34	309.00	SUPPLY MAINS	4.240%
35	310.00	POWER GENERATION EQUIPMENT	2.100%
36	311.00	PUMPING EQUIPMENT	1.300%
37	320.00	WATER TREATMENT EQUIPMENT	2.860%
38	330.00	DISTRIBUTION RESERVOIRS AND STANDPIPES	2.030%
39	331.00	DISTRIBUTION AND TRANSMISSION MAINS	1.660%
40	333.00	SERVICES	4.330%
41	334.00	METERS AND METER INSTALLATIONS	1.590%
42	335.00	HYDRANTS	2.250%
43	340.00	FURNITURE	2.550%
44	343.00	TOOLS, SHOP AND GARAGE EQUIPMENT	3.750%
45	344.00	LABORATORY EQUIPMENT	24.270%
46	346.00	COMMUNICATION EQUIPMENT	2.160%
47	348.00	OTHER TANGIBLE PLANT	2.550%
48			
49	[1]	Various Rate for Computer Equipment	
50		340550-Office Furniture & Equipment	20.000%
51		340560-Office Furniture & Equipment	10.000%
52		340560-SIP/SAP (NEW Proposed)	6.667%

Aqua North Carolina, Inc.
Docket W-218 Sub 573

Exhibit Ns

AQUA North Carolina Water and Sewer
Schedule of Depreciation and CIAC Amortization Rates*
Test Year Ending December 31, 2021

Line No.	(a) Sewer Account	(b) Sewer Description	(c) Depreciation Rate
1	UTILITY PLANT IN SERVICE		
2	351.00	ORGANIZATION	0.000%
3	352.00	FRANCHISES AND CONSENTS	0.000%
4	353.00	LAND AND LAND RIGHTS	0.000%
5	354.00	STRUCTURES AND IMPROVEMENTS	2.080%
6	355.00	POWER GENERATION EQUIPMENT	3.050%
7	360.00	FORCE MAINS	1.530%
8	361.00	GRAVITY MAINS	1.850%
9	362.00	SPECIAL COLLECTING STRUCTURES	1.720%
10	363.00	SERVICES	2.450%
11	364.00	METERS	1.230%
12	365.00	METER INSTALLATIONS	0.610%
13	367.00	REUSE METERS AND METER INSTALLATIONS	1.400%
14	370.00	RECEIVING WELLS	1.420%
15	371.00	PUMPING EQUIPMENT	7.410%
16	380.00	TREATMENT AND DISPOSAL EQUIPMENT	2.770%
17	381.00	PLANT SEWERS	1.950%
18	382.00	OUTFALL SEWER LINES	2.460%
19	389.00	OTHER PLANT AND MISCELLANEOUS EQUIPMENT	4.230%
20	389.40	WASTEWATER CAPACITY	2.000%
21	390.00	OFFICE FURNITURE AND EQUIPMENT	5.000%
22	391.00	TRANSPORTATION EQUIPMENT	13.220%
23	392.00	STORES EQUIPMENT	4.000%
24	393.00	TOOLS, SHOP AND GARAGE EQUIPMENT	5.000%
25	394.00	LABORATORY EQUIPMENT	5.000%
26	395.00	POWER OPERATED EQUIPMENT	5.760%
27	396.00	COMMUNICATION EQUIPMENT	6.670%
28	397.00	MISCELLANEOUS EQUIPMENT	5.000%
29	398.00	OTHER TANGIBLE PLANT	5.000%
30	CONTRIBUTIONS IN AID OF CONSTRUCTION		
31	353.00	LAND AND LAND RIGHTS	0.000%
32	354.00	STRUCTURES AND IMPROVEMENTS	2.070%
33	355.00	POWER GENERATION EQUIPMENT	3.260%
34	360.00	FORCE MAINS	1.530%
35	361.00	GRAVITY MAINS	1.830%
36	362.00	SPECIAL COLLECTING STRUCTURES	2.450%
37	363.00	SERVICES	2.340%
38	364.00	METERS	0.130%
39	365.00	METER INSTALLATIONS	0.810%
40	367.00	REUSE METERS AND METER INSTALLATIONS	2.330%
41	370.00	RECEIVING WELLS	1.570%
42	371.00	PUMPING EQUIPMENT	6.330%
43	380.00	TREATMENT AND DISPOSAL EQUIPMENT	2.770%
44	381.00	PLANT SEWERS	2.640%
45	382.00	OUTFALL SEWER LINES	2.660%
46	395.00	POWER OPERATED EQUIPMENT	1.360%
47	397.00	MISCELLANEOUS EQUIPMENT	3.660%
48	398.00	OTHER TANGIBLE PLANT	4.450%

Aqua North Carolina, Inc.
Docket W-218 Sub 573
AQUA North Carolina Water and Sewer
Chart of Accounts used on Income Statement

Exhibit Pw

WATER

Revenue

Miscellaneous Revenues

414000-Net Gain(Loss) Utility Prop
414030-Gain (Loss) on Sale of Utility
419010-Interest Inc-Other
419015-Interest Inc-Banks
420000-Allow Funds Used During Const
420001-Allow Funds Used During Const
420002-Allow Funds Used During Const
421010-Nonutil Inc-Sale Of Prop
463000-Abatement
467000-Interdepartmental Sales
471000-Misc Srv Rev
471010-Misc Srv Rev-RECONNECTION FEE
471050-Misc Srv Rev-LATE PAYMENT FEES
471060-Misc Srv Rev-BAD CHECK FEE
471070-Misc Srv Rev-NEW ACCT FEE
471080-Misc Srv Rev-MISC
471100-Misc Srv Rev-DSIC IMPRV SURCH
471200-Misc Srv Rev-ST TAX ADJ SURCH

Non-Utility Revenue

415000-Rev-Merch,Job,Contract
415010-Rev-Contract-WW Billing
415030-Rev-Contract-Base
415040-Rev-Contract-Cost Plus
421030-Nonutil Inc-Antennae
421900-Nonutil Inc-Other
475000-Revenues From Other Systems

Service Revenues

416000-Exp-Merch,Job,Contract
460100-Unmetered Rev-RESIDENTIAL
460200-Unmetered Rev-COMMERCIAL
460600-Unmetered Rev-OTHER
460700-Unmetered Rev-AVAILABILITY LOT
461100-Metered Sales-Residential
461200-Metered Sales-Commercial
471300-WT-Revenue Reserve
474000-Other Water Rev
474020-Other Water Rev-Spec Contract
474040-Other Water Rev-Accrued Util

Uncollectibles

670700-WT-Bad Debt Expense-Cust Accts
670710-WT-Recovery of Bad Debt
670720-WT-Bad Debt Reserve Change

O&M Expense

Chemicals

618300-WT-Chem-WTRTRT-OPER-GENERAL
618310-WT-Chem-WTRTRT-OPER-ALUM
618320-WT-Chem-WTRTRT-OPER-CAUSTIC
618325-WT-Chem-WTRTRT-OPER-CHLORINE
618335-WT-Chem-WTRTRT-OPER-FLUORIDE
618340-WT-Chem-WTRTRT-OPER-HYPOCHLORI
618345-WT-Chem-WTRTRT-OPER-POLYPHOSPH
618350-WT-Chem-WTRTRT-OPER-ZINC ORTHO

Contractual Services (cont.)

631500-WT-Cont Serv-Eng-T&D OPER
631700-WT-Cont Serv-Eng-Cust Accts
631800-WT-Cont Serv-Eng-A & G
635300-WT-Cont Serv-Testg-WTRTRT OPER
635400-WT-Cont Serv-Testg-WTRTRT MAINT
636100-WT-Cont Serv-Oth-Source OPER
636200-WT-Cont Serv-Oth-Source MAINT
636300-WT-Cont Serv-Oth-WTRTRT OPER
636400-WT-Cont Serv-Oth-WTRTRT MAINT
636500-WT-Cont Serv-Oth-T&D OPER-Gen
636501-WT-Cont Serv-Oth-T&D OPER-Main
636503-WT-Cont Serv-Oth-T&D OPER-Metr
636600-WT-Cont Serv-Oth-T&D MAINT-Gen
636603-WT-Cont Serv-Oth-T&D MAINT-Mtr
636604-WT-Cont Serv-Oth-T&D MAINT-Hyd
636610-WT-Cont Serv-Oth-Build&Grounds
636620-WT-Cont Serv-Oth-MAINT&Constr
636630-WT-Cont Serv-Oth-Security
636640-WT-Cont Serv-Oth-Temp Help

Materials & Supplies

620100-WT-Mat&Sup-Source OPER
620200-WT-Mat&Sup-Source MAINT
620300-WT-Mat&Sup-WTRTRT OPER
620400-WT-Mat&Sup-WTRTRT MAINT
620500-WT-Mat&Sup-T&D OPER-Gen
620501-WT-Mat&Sup-T&D OPER-Mains
620502-WT-Mat&Sup-T&D OPER-Services
620503-WT-Mat&Sup-T&D OPER-Meters
620505-WT-Mat&Sup-T&D OP-BLACKTOP MAT
620506-WT-Mat&Sup-T&D OP-FRIEGHT
620507-WT-Mat&Sup-T&D OP-MAINT OF OTH
620510-WT-Mat&Sup-T&D OP-SALT SUPPLY
620511-WT-Mat&Sup-T&D OP-BUILDING SUP
620512-WT-Mat&Sup-T&D OP-MAINT SUPPLY
620513-WT-Mat&Sup-T&D OP-SAFETY SUPPL
620514-WT-Mat&Sup-T&D OP-TOOL PURCH
620600-WT-Mat&Sup-T&D MAINT-Gen
620601-WT-Mat&Sup-T&D MAINT-Mains
620602-WT-Mat&Sup-T&D MAINT-Services
620603-WT-Mat&Sup-T&D MAINT-Meters
620606-WT-Mat&Sup-T&DMNT-FRIEGHT
620613-WT-Mat&Sup-T&DMNT-SAFETY SUPPL
620614-WT-Mat&Sup-T&DMNT-TOOL PURCH

Purchased Power

615100-WT-Purchased Power-SOURCE OPER
615300-WT-Purchased Power-TREAT OPER
616100-WT-Fuel PWR Prod-SOURCE OPER
616300-WT-Fuel PWR Prod-TREAT OPER
616500-WT-Fuel PWR Prod-T&D OPER

Purchased Water

610100-WT-Purchased Water

Rents

641100-WT-Rent Bldg/RP-Source OPER

W A T E R

618355-WT-Chem-WTRTRT-OPER-SODA ASH
618357-WT-Chem-WTRTRT-OPER-SODIUM THI
618363-WT-Chem-WTRTRT-OPER-SOLAR SALT
618365-WT-Chem-WTRTRT-OPER-LIME
618385-WT-Chem-WTRTRT-OPER-POTAPERM
618395-WT-Chem-WTRTRT-OPER-MISC Chem

Contractual Services

631100-WT-Cont Serv-Eng-Source OPER
631200-WT-Cont Serv-Eng-Source MAINT
631300-WT-Cont Serv-Eng-WTRTRT OPER

Salaries and Wages

601110-WT-Source Oper LBR-Employ-Rg
601119-WT-Source Oper LBR-Employ-OT
601210-WT-Source Maint LBR-Employ-Rg
601219-WT-Source Maint LBR-Employ-OT
601310-WT-WTRTRT Oper LBR-Employ-Rg
601319-WT-WTRTRT Oper LBR-Employ-OT
601410-WT-WTRTRT Maint LBR-Employ-Rg
601419-WT-WTRTRT Maint LBR-Employ-OT
601510-WT-T&D Oper LBR-Emp-Sys-GEN-Rg
601519-WT-T&D Oper LBR-Emp-Sys-GEN-OT
601520-WT-T&D Oper LBR-Emp-Sy-Main-Rg
601530-WT-T&D Oper LBR-Emp-Sy-Srv-Rg
601539-WT-T&D Oper LBR-Emp-Sy-Srv-OT
601540-WT-T&D Oper LBR-Emp-Sy-Mtr-Rg
601549-WT-T&D Oper LBR-Emp-Sy-Mtr-OT
601570-WT-T&D Oper LBR-Emp-Oth Wrk-Rg
601579-WT-T&D Oper LBR-Emp-Oth Wrk-OT
601610-WT-T&D Maint LBR-Emp-Sy-GEN-Rg
601619-WT-T&D Maint LBR-Emp-Sy-GEN-OT
601620-WT-T&D Maint LBR-Emp-Sy-Main-R
601629-WT-T&D Maint LBR-Emp-Sy-Main-O
601630-WT-T&D Maint LBR-Emp-Sy-Srv-Rg
601639-WT-T&D Maint LBR-Emp-Sy-Srv-OT
601640-WT-T&D Maint LBR-Emp-Sy-Mtr-Rg
601649-WT-T&D Maint LBR-Emp-Sy-Mtr-OT
601660-WT-T&D Maint LBR-Emp-LostTm-Rg
601669-WT-T&D Maint LBR-Emp-LostTm-OT
601670-WT-T&D Maint LBR-Emp-OthWrk-Rg
601679-WT-T&D Maint LBR-Emp-OthWrk-OT
650520-WT-Trans-T&D OP-Payrol-RG

Telephone, Postage & Other Miscellaneous

675100-WT-Misc-SRC OPER
675200-WT-Misc-SRC MAINT
675300-WT-Misc-WTRTRT OPER
675400-WT-Misc-WTRTRT MAINT
675500-WT-Misc-T&D OPER
675562-WT-Misc-T&D OPER-Meters
675600-WT-Misc-T&D MAINT
675662-WT-Misc-T&D MAINT-Meters

Transportation and Equipment Operation

650100-WT-Trans-Source OPER
650200-WT-Trans-Source MAINT
650300-WT-Trans-WTRTRT OPER

641200-WT-Rent Bldg/RP-Source MAINT
641300-WT-Rent Bldg/RP-WTRTRT OPER
641500-WT-Rent Bldg/RP-T&D OPER
641700-WT-Rent Bldg/RP-Cust Accts
642100-WT-Rent Equip-Source OPER
642200-WT-Rent Equip-Source MAINT
642300-WT-Rent Equip-WTRTRT OPER
642500-WT-Rent Equip-T&D OPER
642600-WT-Rent Equip-T&D MAINT
642700-WT-Rent Equip-Cust Accts

General Expense

Contra Expense - Capitalized Overheads

676210-WT-Cap OH Credit-Labor
676220-WT-Cap OH Credit-Benefits
676230-WT-Cap OH Credit-PR Taxes
676240-WT-Cap OH Credit-Other

Contractual Services

632800-WT-Cont Serv-Acct-A & G
633800-WT-Cont Serv-Legl-A & G
636700-WT-Cont Serv-Oth-Cust Accts
636710-WT-WorkFlow Processing Fee
636720-WT-WorkFlow Billing Postage
636740-WT-ACO Lockbox Fees
636800-WT-Cont Serv-Oth-A&G
636810-WT-Cont Serv-Oth-A&G-HRDW MANT
636820-WT-Cont Serv-Oth-A&G-SFTW MANT
636830-WT-Cont Serv-Oth-A&G-DIS RECOV
636840-WT-Cont Serv-Oth-Lawson Supprt
636850-WT-Cont Serv-Oth-Misc Computer

Corp/ACO Charges

634900-WT-Corp Mgmt Fees
636730-ACO-WTR Allocations

Employee Benefits

604810-WT-A&G Empl-HEALTH PLANS
604811-WT-A&G Empl-BCPPO
604813-WT-A&G Empl-DENTAL PLAN
604820-WT-A&G Empl-KEYSTONE HMO
604821-WT-A&G Empl-US HEALTHCARE HMO
604822-WT-A&G Empl-Insurance Payments
604824-WT-A&G Empl-Contributions Dent
604827-WT-A&G Empl-Pension Service Co
604828-WT-A&G Empl-OPEB Service Costs
604829-WT-A&G Empl-Nonqual Service Co
604831-WT-A&G Empl-POSTRT BEN(FAS 106)
604833-WT-A&G Empl-Pension Paid
604834-WT-A&G Empl-ANNUAL PHYSICALS
604836-WT-A&G Empl-EXCESS PLAN & SERP
604837-WT-A&G Empl-CONTRIB THRIFT PL
604838-WT-Aqua Year End Contribution
604840-WT-A&G Empl-GROUP LIFE INS
604841-WT-A&G Empl-ST DISABILITY
604842-WT-A&G Empl-LTD INSURANCE
604845-WT-A&G Empl-EDUCATION
604850-WT-A&G Empl-WELFARE EXP-Gen

WATER

650400-WT-Trans-WTRTRT MAINT	604851-WT-A&G Emp-BENEFIT STATEMENTS
650500-WT-Trans-T&D OP-GENERAL	604852-WT-A&G Emp-BACKGROUND CHECKS
650511-WT-Trans-T&D OP-OUTSIDE SVC	604853-WT-A&G Emp-COFFEE & SUPPLIES
650512-WT-Trans-T&D OP-CAR ALLOWANC	604854-WT-A&G Emp-DOT PHYSICALS
650513-WT-Trans-T&D OP-CAR WASH TCK	604855-WT-A&G Emp-EASE CONTRACT
650514-WT-Trans-T&D OP-LICENSES	604856-WT-A&G Emp-EMPLOYMENT ADV
650515-WT-Trans-T&D OP-LEASE	604857-WT-A&G Emp-FLOWERS & FRUIT
650531-WT-Trans-T&D OP-DIESEL	604858-WT-A&G Emp-RETIREMENT GIFTS
650532-WT-Trans-T&D OP-GASOLINE	604859-WT-A&G Emp-HEALTH FAIR
650533-WT-Trans-T&D OP-MOTOR OIL	604860-WT-A&G Emp-RETIREMENT LUNCHS
650540-WT-Trans-T&D OP-PARTS AUTO&MCH	604861-WT-A&G Emp-OCC HLTH FACILITIES
650541-WT-Trans-T&D OP-BATTERIES	604862-WT-A&G Emp-PICNIC
650542-WT-Trans-T&D OP-BACKHOE PART	604863-WT-A&G Emp-PRE-EMPLOYMENT PHYS
650543-WT-Trans-T&D OP-BRAKES	604864-WT-A&G Emp-PROF SERV - HR
650544-WT-Trans-T&D OP-TIRES	604865-WT-A&G Emp-SEMINARS
650545-WT-Trans-T&D OP-TOOL PURCHASES	604866-WT-A&G Emp-SERVICE AWARDS
650553-WT-Trans-T&D OP-GAIN LEASED EQ	604867-WT-A&G Emp-TUITION RFND-NONTAX
650554-WT-Trans-T&D OP-GAIN SALE ASST	604868-WT-A&G Emp-VACCINATIONS
650555-WT-Trans-T&D OP-CRASH	604869-WT-A&G Emp-WELLNESS PROGRAMS
650600-WT-Trans-T&D MAINT	604870-WT-A&G Emp-EMPLY X-MAS GIFTS
Employee Benefits (cont.)	Telephone, Postage & Other Miscellaneous (cont.)
604880-WT-A&G Fees COLI Accounts	675834-WT-Misc-A&G-MEALS 100% DED
604891-WT-A&G Empl-INTERCO BENEFITS	675836-WT-Misc-A&G-MEALS 50% DED
604899-WT-A&G Empl-MISC	675840-WT-Misc-A&G-SEMINARS
In-State Charges	675842-WT-Misc-A&G-SUBSCRIPT
634700-WT-Cust Services-Cust Accts	675844-WT-Misc-A&G-TRADE ASSC-PER EXP
634800-WT-Cont Serv-Mgmt F-A & G	675846-WT-Misc-A&G-TRV
634801-WT-Cont Serv-Mgmt F-A & G	675847-WT-Misc-A&G-TRV-Auto Mile Reim
634810-State Billings Clearing	675848-WT-Misc-A&G-TRV-RENTAL CAR
Insurance	675849-WT-Misc-A&G-TRV-Airplane
656800-WT-Ins-Vehicle-A & G	675850-WT-Misc-A&G-TRV-HOTEL
657800-WT-Ins-Gen Liab-A & G	675855-WT-Misc-A&G-HEAT OIL
658800-WT-Ins-Work Comp-A & G	675856-WT-Misc-A&G-UNIFORMS
659800-WT-Ins-Other-A & G	675858-WT-Misc-A&G-Bank Fees
Materials & Supplies	675859-WT-Misc-A&G-CO Exp-All Other
620700-WT-Mat&Sup-Cust Accts	675860-WT-Misc-A&G-Payroll Overhead
620800-WT-Mat&Sup-A & G	675861-WT-Misc-A&G-SERVICE CLEARING
620802-WT-MAT&SUP-A&G-PAPER	675864-WT-Misc-A&G-Claims
Purchased Power	675865-WT-Misc-A&G-AR/AP Adj
615800-WT-Purchased Power-A & G EXPS	675866-WT-Misc-A&G-Utilities
616800-WT-Fuel PWR Prod-A & G EXPS	Transportation and Equipment Operation
Regulatory Expense	650800-WT-Trans-A & G
666800-WT-Reg Com-Amort Rate Case-A&G	650811-WT-Trans-A&G-Outside Svc
Rents	Other Expense
641800-WT-Rent Bldg/RP-A & G	Amortization Expense
642800-WT-Rent Equip-A & G	406000-Amort-Util Plant Acq Adj
Salaries and Wages	407201-Amort-Tank Painting
601710-WT-Cust Accts Labor-Employ-Rg	407300-Amort-Other Utility Plant
601719-WT-Cust Accts Labor-Employ-OT	407400-Amort Regulatory Debits
601810-WT-A & G Labor-Employ-Rg	428000-Amort-Debt Disc & Expense
601819-WT-A & G Labor-Employ-OT	Depreciation Expense
603810-WT-A & G Labor-Officers, Exec	403000-Deprec Exp-Utility Plant
603820-WT-A & G Labor-Bonuses	403010-Deprec Exp-IS
603830-WT-A & G Labor-Dividend Equiv	403020-Deprec Exp-Other Phy Prop

Aqua North Carolina, Inc.
Docket W-218 Sub 573
AQUA North Carolina Water and Sewer
Chart of Accounts used on Income Statement

Exhibit Pw

W A T E R

603840-WT-A & G Labor-Stock Option Co
603841-WT-A & G Restricted Stock Amor
603842-WT-A & G PSU Amortization
603843-WT-A & G RSU Amortization
Telephone, Postage & Other Miscellaneous
660800-WT-Advertising-A & G
675700-WT-Misc-Cust Accts
675800-WT-Misc-A&G
675802-WT-Misc-A&G-ACT&EVNT 100% D
675804-WT-Misc-A&G-ACT&EVNT 50% D
675805-WT-Misc-A&G-Civic Org Events
675808-WT-Misc-A&G-COMM EXP
675809-WT-Misc-A&G-TOLL FREE
675810-WT-Misc-A&G-DATA LINES
675811-WT-Misc-A&G-PC Support&SUPPLY
675812-WT-Misc-A&G-NETWORK SUPPORT
675815-WT-Misc-A&G-Computer Paper
675816-WT-Misc-A&G-CONTRIB
675817-WT-Misc-A&G-Toner
675818-WT-Misc-A&G-COPIES
675819-WT-Misc-A&G-Office Supplies
675820-WT-Misc-A&G-DIRECTORS
675822-WT-Misc-A&G-DISAST RECOV
675824-WT-Misc-A&G-DUES
675825-WT-Misc-A&G-Promotional Items
675826-WT-Misc-A&G-ENTERTAIN
675827-WT-Misc-A&G-FINES&PENALTIES
675828-WT-Misc-A&G-LIC&PER
675830-WT-Misc-A&G-MAIL&POST
675831-WT-Misc-A&G-MAIL OVERNIGHT
675832-WT-Misc-A&G-MAINT

Other Non-Periodic Benefit Costs

404827-Pension - Non Service Cost
404828-OPEB - Non Service Cost

Other Taxes

408110-Property Taxes
408121-Payroll Taxes-FICA
408122-Payroll Taxes-FUTA
408123-Payroll Taxes-SUTA
408139-Other Taxes-Misc
408201-Other Taxes-Capital Stock
408205-Other Taxes-Franchise Tax
408206-Other Taxes-Gross Receipts Tax
408209-Other Taxes-Other Misc

Regulatory Assessment Fee

408101-Assessment-PUC

407301-Amort-CIAC

Income Tax-Federal

409101-Federal Income Tax
409102-Federal Income Tax-OTHER
410101-Deferred Federal Income Taxes
410103-Deferred Fed Tax - Options

Income Tax-State

409111-State Income Tax
409112-State Income Tax-OTHER
410111-Deferred State Income Taxes

Interest Expense

427200-Interest Expense-Short-Term De
427300-Interest Expense-Long-Term Deb
427310-Interest Expense-Pushdown Debt
427400-Interest Expense-Customer Depo
427500-Interest Expense-Other
427600-Interest Expense-Amort Debt Issue Cost

Non-Utility Expense

426060-Misc NonUtil Exp-CHARIT CONTR
426080-Misc NonUtil Exp-ACQUISITIONS
426090-Misc NonUtil Exp-NON-CUST REL
426110-Misc NonUtil Exp-Bill Mat&Serv
426210-Misc NonUtil-Acq-Payroll-Rg
426219-Misc NonUtil-Acq-Payroll-Ot
426220-Misc NonUtil-Acq-Trv & Pers
426230-Misc NonUtil-Acq-Prof Services
426320-Misc NonUtil-N-Cust-Trv & Pers
426340-Misc NonUtil-N-Cust-Act & Evnt
426900-Misc NonUtil Exp-OTHER
426950-Misc NonUtil-Nontax Ded Bus Ex

NEW GL Accounts this proceeding

Revenue

Miscellaneous Revenues

421960 Nonutil Inc-CAC/CIAC Tax G/U
465000 Sales-Irrigation Customers
474050 Other Water Rev-VBA

Non-Utility Expense

426310 Misc NonUtil-N-Cust-Payroll-Rg

Aqua North Carolina, Inc.
Docket W-218 Sub 573
AQUA North Carolina Water and Sewer
Chart of Accounts used on Income Statement

Exhibit Ps

SEWER	
Revenue	Materials & Supplies (cont.)
Miscellaneous Revenues	720512-SW-Mat&Sup-T&D OP-MAINT SUPPLY
414000-Net Gain(Loss) Utility Prop	720600-SW-Mat&Sup-T&D Maint
414030-Gain (Loss) on Sale of Utility	Purchased Power
419010-Interest Inc-Other	715100-SW-Purchased PWR-Collect Oper
419015-Interest Inc-Banks	715300-SW-Purchased PWR-Pump Oper
420000-Allow Funds Used During Const	715500-SW-Purchased PWR-T&D Oper
420001-Allow Funds Used During Const	716100-SW-Fuel PWR Prod-Collect Oper
420002-Allow Funds Used During Const	716300-SW-Fuel PWR Prod-Pump Oper
421010-Nonutil Inc-Sale Of Prop	Purchased Sewer
463000-Abatement	710500-SW-Purchased WW-T&D-OPER
525000-SW-Interdepartmental Revenues	Rents
532000-SW-Forfeited Discounts/Abate	742100-SW-Rent Equip-Collect Oper
536000-SW-Other WW Revenues	742200-SW-Rent Equip-Collect Maint
536020-SW-Other WW Rev-Accrued Util	742300-SW-Rent Equip-Pump Oper
536030-SW-Other WW Rev-DSIC	742400-SW-Rent Equip-Pump Maint
536200-SW-ST Tax Surcharge	742500-SW-Rent Equip-T&D Oper
Non-Utility Revenue	742600-SW-Rent Equip-T&D Maint
415000-Rev-Merch,Job,Contract	Salaries and Wages
415010-Rev-Contract-WW Billing	701110-SW-Collect Oper-LBR-Employ-Rg
415030-Rev-Contract-Base	701119-SW-Collect Oper-LBR-Employ-OT
415040-Rev-Contract-Cost Plus	701210-SW-Collect Maint-LBR-Employ-Rg
421030-Nonutil Inc-Antennae	701219-SW-Collect Maint-LBR-Employ-OT
421900-Nonutil Inc-Other	701310-SW-Pump Oper-LBR-Employ-Rg
475000-Revenues From Other Systems	701319-SW-Pump Oper-LBR-Employ-OT
Service Revenues	701410-SW-Pump Maint-LBR-Employ-Rg
521100-SW-Flat Rate Rev-Residential	701419-SW-Pump Maint-LBR-Employ-OT
521200-SW-Flat Rate Rev-Commercial	701510-SW-T&D Oper-LBR-Employ-Rg
521700-SW-Flat Rate Rev-Avail Lot	701519-SW-T&D Oper-LBR-Employ-OT
522100-SW-Measured Rev-Residential	701610-SW-T&D Maint-LBR-Employ-Rg
522200-SW-Measured Rev-Commercial	701619-SW-T&D Maint-LBR-Employ-OT
522500-SW-Measured Rev-Mult-Family	701670-SW-T&D Maint LBR-Emp-OthWrk-Rg
536300-SW-Revenue Reserve	Sludge Removal
Uncollectibles	711500-SW-Sludge Removal-T&D-OPER
770700-SW-Bad Debt Exp-Cust Accts	711600-SW-Sludge Removal-T&D-MAINT
770710-SW-Recovery of Bad Debt	Telephone, Postage & Other Miscellaneous
770720-SW-Bad Debt Reserve Change	775100-SW-Misc-Coll Oper
O&M Expense	775200-SW-Misc-Coll Maint
Chemicals	775300-SW-Misc-Pump Oper
718100-SW-Chem-Coll Oper-GENERAL	775400-SW-Misc-Pump Maint
718200-SW-Chem-Coll Maint-GENERAL	775500-SW-Misc-T&D Oper
718300-SW-Chem-Pump Oper-GENERAL	775600-SW-Misc-T&D Maint
718500-SW-Chem-T&D Oper-GENERAL	Transportation and Equipment Operation
718600-SW-Chem-T&D Maint-GENERAL	750300-SW-Trans-Pump Oper
Contractual Services	750500-SW-Trans-T&D Oper
731100-SW-Cont Serv-Eng-Collect Oper	750511-SW-Trans-T&D Oper-Outside Svc
731200-SW-Cont Serv-Eng-Collect Maint	750514-SW-Trans-T&D Transp Licenses
731500-SW-Cont Serv-Eng-T&D Oper	750515-SW-Trans-T&D OP-Lease
731800-SW-Cont Serv-Eng-A&G	750532-SW-Trans-T&D OP Gasoline
735300-SW-Cont Serv-Test-Pump Oper	750540-SW-Trans-T&D Ops-Parts Auto &
735500-SW-Cont Serv-Test-T&D Oper	General Expense
736100-SW-Cont Serv-Oth-Collect Oper	Contra Expense - Capitalized Overheads
736200-SW-Cont Serv-Oth-Collect Maint	776210-SW-Cap OH Credit-Labor
736201-SW-Cont Serv-Oth-Collect Maint Hauling	776220-SW-Cap OH Credit-Benefits
736300-SW-Cont Serv-Oth-Pump Oper	776230-SW-Cap OH Credit-PR Taxes
736400-SW-Cont Serv-Oth-Pump Maint	776240-SW-Cap OH Credit-Other
736500-SW-Cont Serv-Oth-T&D Oper	Contractual Services
736503-SW-Cont Serv-Oth	732800-SW-Cont Serv-Acct-A&G
736600-SW-Cont Serv-Oth-T&D Maint	733800-SW-Cont Serv-Legal-A&G
736610-SW-Cont Serv Other Build & Grounds	736700-SW-Cont Serv-Oth-Cust Accts

Aqua North Carolina, Inc.
Docket W-218 Sub 573
AQUA North Carolina Water and Sewer
Chart of Accounts used on Income Statement

Exhibit Ps

SEWER	
Materials & Supplies	
720100-SW-Mat&Sup-Collect Oper	736710-SW-WorkFlow Processing Fee
720101-SW-Mat&Sup-Recl WT TRT-Maint	736720-SW-WorkFlow Billing Postage
720120-SW-Mat&Sup-Recl WT Dist-Maint	736740-SW-ACO Lockbox Fees
720200-SW-Mat&Sup-Collect Maint	736800-SW-Cont Serv-Oth-A&G
720300-SW-Mat&Sup-Pump Oper	736810-SW-Cont Serv-Oth-A&G-HRDW MANT
720400-SW-Mat&Sup-Pump Maint	736820-SW-Cont Serv-Oth-A&G-SFTW MANT
720500-SW-Mat&Sup-T&D Oper	736840-SW-Cont Serv-Oth-Lawson Supprt
Corp/ACO Charges	
734900-SW-Corp Mgmt Fees	
736730-ACO-SWR Allocations	
Employee Benefits	
704810-SW-A&G Empl-HEALTH PLANS	
704811-SW-A&G Emp-BCPPO	
704813-SW-A&G Emp-DENTAL PLAN	
704820-SW-A&G Emp-KEYSTONE HMO	
704821-SW-A&G Emp-US HEALTHCARE HMO	
704822-SW-A&G Empl-Insurance Payments	
704824-SW-A&G Empl-Contr Dental	
704827-SW-A&G Emp - Pension - Service	
704828-SW-A&G Emp - OPEB - Service Co	
704829-SW-A&G Emp - Nonqual - Service	
704831-SW-A&G Emp-POSTRT BEN(FAS 106)	
704833-SW-A&G Emp-Pension Paid	
704834-SW-A&G Emp-ANNUAL PHYSICALS	
704836-SW-A&G Empl-EXCESS PLAN & SERP	
704837-SW-A&G Empl-CONTRIB THRIFT PL	
704838-SW-Aqua Year End Contribution	
704840-SW-A&G Empl-GROUP LIFE INS	
704841-SW-A&G Empl-ST DISABILITY	
704842-SW-A&G Empl-LTD INSURANCE	
704845-SW-A&G Empl-EDUCATION	
704850-SW-A&G Empl-WELFARE EXP-Gen	
704851-SW-A&G Emp-BENEFIT STATEMENTS	
704852-SW-A&G Emp-BACKGROUND CHECKS	
704853-SW-A&G Emp-COFFEE & SUPPLIES	
704854-SW-A&G Emp-DOT PHYSICALS	
704855-SW-A&G Emp-EASE CONTRACT	
704856-SW-A&G Emp-EMPLOYMENT ADV	
704857-SW-A&G Emp-FLOWERS & FRUIT	
704858-SW-A&G Emp-RETIREMENT GIFTS	
704859-SW-A&G Emp-HEALTH FAIR	
704860-SW-A&G Emp-RETIREMENT LUNCHS	
704861-SW-A&G Emp-OCC HLTH FACILITIES	
704862-SW-A&G Emp-PICNIC	
704863-SW-A&G Emp-PRE-EMPLOYMENT PHYS	
704864-SW-A&G Emp-PROF SERV - HR	
704865-SW-A&G Emp-SEMINARS	
704866-SW-A&G Emp-SERVICE AWARDS	
704867-SW-A&G Emp-TUITION RFND-NONTAX	
704868-SW-A&G Emp-VACCINATIONS	
704869-SW-A&G Emp-WELLNESS PROGRAMS	
704870-SW-A&G Emp-EMPLY X-MAS GIFTS	
704880-SWR-A&G Fees COLI Accounts	
704891-SW-A&G Empl-INTERCO BENEFITS	
704899-SW-A&G Empl-MISC	
In-State Charges	
734700-SW-Cust Services-Cust Accts	
734800-SW-Cont Serv-MgtFee-A&G	
734801-SW-Regional Mgmt Fees	
	Rents
	741100-SW-Rent Bldg/RP-Collect Oper
	741700-SW-Rent Bldg/RP-Cust Accts
	741800-SW-Rent Bldg/RP-A&G
	742700-SW-Rent Equip-Cust Accts
	742800-SW-Rent Equip-A&G
	Salaries and Wages
	701710-SW-Cust Accts-LBR-Employ-Rg
	701719-SW-Cust Accts-LBR-Employ-OT
	701810-SW-A&G-LBR-Employ-Rg
	701819-SW-A&G-LBR-Employ-OT
	703810-SW-A&G-LBR-Officers,Executives
	703820-SW-A & G Labor-Bonuses
	703830-SW-A & G Labor-Dividend Equiv
	703840-SW-A & G Labor-Stock Option Co
	703841-SW-A & G Restricted Stock Amor
	Telephone, Postage & Other Miscellaneous
	760800-SW-Advertising-A&G
	775700-SW-Misc-Cust Accts
	775800-SW-Misc-A&G
	775802-SW-Misc-A&G-ACT&EVNT 100% D
	775804-SW-Misc-A&G-ACT&EVNT 50% D
	775805-SW-Misc-A&G-Civic Org Events
	775808-SW-Misc-A&G-COMM EXP
	775809-SW-Misc-A&G-TOLL FREE
	775810-SW-Misc-A&G-DATA LINES
	775811-SW-Misc-A&G-PC Support&SUPPLY
	775812-SW-Misc-A&G-NETWORK SUPPORT
	775815-SW-Misc-A&G-Computer Paper
	775816-SW-Misc-A&G-CONTRIB
	775817-SW-Misc-A&G-Toner
	775818-SW-Misc-A&G-COPIES
	775819-SW-Misc-A&G-Office Supplies
	775820-SW-Misc-A&G-DIRECTORS
	775822-SW-Misc-A&G-DISAST RECOV
	775824-SW-Misc-A&G-DUES
	775825-SW-Misc-A&G-Promotional Items
	775826-SW-Misc-A&G-ENTERTAIN
	775827-SW-Misc-A&G-FINES&PENALTIES
	775828-SW-Misc-A&G-LIC&PER
	775830-SW-Misc-A&G-MAIL&POST
	775831-SW-Misc-A&G-MAIL OVERNIGHT
	775832-SW-Misc-A&G-MAINT
	775834-SW-Misc-A&G-MEALS 100% DED
	775836-SW-Misc-A&G-MEALS 50% DED
	775840-SW-Misc-A&G-SEMINARS
	775842-SW-Misc-A&G-SUBSCRIPT
	775844-SW-Misc-A&G-TRADE ASSC-PER EXP
	775846-SW-Misc-A&G-TRV
	775847-SW-Misc-A&G-TRV-Mile Reim
	775848-SW-Misc-A&G-TRV-TRANSPOR
	775849-SW-Misc-A&G-TRV-Airplane

Aqua North Carolina, Inc.
Docket W-218 Sub 573
AQUA North Carolina Water and Sewer
Chart of Accounts used on Income Statement

Exhibit Ps

SEWER	
734810-State Billings Clearing-SWR	775850-SW-Misc-A&G-TRV-HOTEL
Insurance	775855-SW-Misc-A&G-HEAT OIL
756800-SW-Ins-Vehicle-A&G	775856-SW-Misc-A&G-UNIFORMS
757800-SW-Ins-Gen Liab-A&G	775858-SW-Misc-A&G-Bank Fees
758800-SW-Ins-Work Comp-A&G	775859-SW-Misc-A&G-CO Exp-All Other
759800-SW-Ins-Other-A&G	775860-SW-Misc-A&G-Payroll Overhead
Materials & Supplies	775861-SW-Misc-A&G-SERVICE CLEARING
720700-SW-Mat&Sup-Cust Accts	775864-SW-Misc-A&G-Claims
720800-SW-Mat&Sup-A&G	775865-SW-Misc-A&G-AR/AP Adj
720900-SW-Mat&Sup-Recl WT TRT-Oper	775866-SW-Misc-A&G-Utilities
Purchased Power	775900-SW-Misc-Recl WT
715800-SW-Purchased PWR-A&G	Transportation and Equipment Operation
Regulatory Expense	750540-SW-Trans-
766800-SW-Reg Com-Amort Rate Case-A&G	750555-SW-Trans-T&D OP-Crash
	750800-SW-Trans-A&G
Other Expense	NEW GL Accounts this proceeding
Amortization Expense	Revenue
406000-Amort-Util Plant Acq Adj	Miscellaneous Revenues
407201-Amort-Tank Painting	421960 Nonutil Inc-CAC/CIAC Tax G/U
407300-Amort-Other Utility Plant	
407400-Amort Regulatory Debits	
428000-Amort-Debt Disc & Expense	
Depreciation Expense	
403000-Deprec Exp-Utility Plant	
403020-Deprec Exp-Other Phy Prop	
403200-Deprec Exp-Utility Plant-SWR	
403220-Deprec Exp-Other Phy Prop-SWR	
407301-Amort-CIAC	
407321-Amort-CIAC-SWR	
Income Tax-Federal	
409101-Federal Income Tax	
409102-Federal Income Tax-OTHER	
410101-Deferred Federal Income Taxes	
410103-Deferred Fed Tax - Options	
Income Tax-State	
409111-State Income Tax	
409112-State Income Tax-OTHER	
410111-Deferred State Income Taxes	
Interest Expense	
427200-Interest Expense-Short-Term De	
427300-Interest Expense-Long-Term Deb	
427310-Interest Expense-Pushdown Debt	
427400-Interest Expense-Customer Depo	
427500-Interest Expense-Other	
427600-Interest Expense-Amort Debt Issue Cost	
Non-Utility Expense	
426060-Misc NonUtil Exp-CHARIT CONTR	
426080-Misc NonUtil Exp-ACQUISITIONS	
426090-Misc NonUtil Exp-NON-CUST REL	
426110-Misc NonUtil Exp-Bill Mat&Serv	
426210-Misc NonUtil-Acq-Payroll-Rg	
426219-Misc NonUtil-Acq-Payroll-Ot	
426220-Misc NonUtil-Acq-Trv & Pers	
426230-Misc NonUtil-Acq-Prof Services	
426320-Misc NonUtil-N-Cust-Trv & Pers	
426340-Misc NonUtil-N-Cust-Act & Evnt	
426900-Misc NonUtil Exp-OTHER	
426950-Misc NonUtil-Nontax Ded Bus Ex	
Other Non-Periodic Benefit Costs	
404827-Pension - Non Service Cost	

Aqua North Carolina, Inc.
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AQUA North Carolina Water and Sewer
Chart of Accounts used on Income Statement

Exhibit Ps

SEWER

- 404828-OPEB - Non Service Cost
- Other Taxes**
 - 408110-Property Taxes
 - 408121-Payroll Taxes-FICA
 - 408122-Payroll Taxes-FUTA
 - 408123-Payroll Taxes-SUTA
 - 408139-Other Taxes-Misc
 - 408201-Other Taxes-Capital Stock
 - 408205-Other Taxes-Franchise Tax
 - 408206-Other Taxes-Gross Receipts Tax
 - 408209-Other Taxes-Other Misc
- Regulatory Assessment Fee**
 - 408101-Assessment-PUC

Company Name	AQUA North Carolina Water and Sewer	
Filing Name lookup (this line doesn't print) ->	K:\NC 2021-2022 Rate Case\MFRs for filing\MFR Upd	
Docket No.	Docket W-218 Sub 573	
Enter Historic Test Year Ending Date - heading below will update accordingly for all tabs	12/31/2021	
MFR Primary Entity Name Accounting - used for LOOKUPS AND SUMIF(S)	ANC_WATER	ANC_WW

Rate Years	
Base	2022
RY1	2023
RY2	2024
RY3	2025

Capitalization and Associated Costs	Debt	Equity
Capitalization	50.00%	50.00%
Cost		
2021	3.86%	10.40%
2022	4.01%	10.40%
Rate Year 1	4.01%	10.40%
Rate Year 2	4.01%	10.40%
Rate Year 3	4.01%	10.40%

Rates for Tax Calculations:	
Regulatory Fee	0.130%
Gross Receipts Tax	
Water	0.00%
Sewer	0.00%
Income Tax Rates:	
Federal	21.00%
State - 2022-2024	2.50%
State - 2025	2.25%

Put PSC mandated BFC %s here

Water	Sewer
35.00%	35.00%

Exhibit A		
2022 Split - 9/30/2022	0.75	0.25
Annual Depreciation/Amortization	Water	Sewer
UPIS	\$ 7,928,045.00	\$ 5,035,001.00
Common	\$ 465,765.00	\$ 130,805.00
IT	\$ 950,118.00	\$ 266,892.00

PTY	Use Additions dataset	
CIAC	\$ (2,018,089.00)	\$ (2,481,472.00)
IT CIAC	\$ (500.00)	\$ 140.00
Neg AA Amort	\$ (113,027.00)	\$ (119,194.00)
Positive AA Amort	\$ 300,146.00	\$ 12,506.00
AIA Amort	\$ 79,544.00	\$ 11,756.00

Excess Deferred Income Taxes	(74,802)	(19,304)
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Accumulated Deferred Income Taxes	Water	Sewer
Test Year	(17,651,775)	(10,578,499)
Base Year	(19,983,443)	(11,547,230)
Rate Year 1	(20,671,131)	(11,787,201)
Rate Year 2	(21,164,886)	(11,654,694)
Rate Year 3	(21,709,081)	(11,643,922)

Cash Working Capital Adjustments	Water	Sewer
Abatements	-0.14137%	-0.00206%
Late Payment Fees (Penalties)	-0.16579%	-0.11137%
Bad Debt	-0.30581%	-0.33013%

Put Rates here to be used in Ex L:

Long term debt rate:	3.86%	
Cost of Equity:	10.40%	
Cost of Customer deposits:	8.00%	<- not used
Debt portion of Capitalization	50.00%	<-as of 12/31/2021

dates\Aqua NC MFR_11182022.xlsb

<----- DO NOT CHANGE THESE VALUES

Source

NCUC 919-731-5265

NCUC 877-919-1919x30200

NCUC 877-919-1919x30200

(note: Franchise Tax only used if > GRT)

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|Updated May 31 - see D. franceski email dated May 31, 2022 @ 7:36 AM

x=INDIRECT(ADDRESS(ROW(),COLUMN()),4,1,'Cover Sheet'!\$E\$7))
x=INDEX(namelookup!J6:J64,MATCH(\$B\$1,Filing_Name,0))