Aqua North Carolina, Inc.
Docket W-218 Sub 573
Aqua North Carolina, Inc. Water
Billing Analysis - Revenue, Water
Test Year Revenues; Base Year Revenue at Present and Proposed BY Rates
Test Year = 2021; Base Year = 2022

EXHIBIT Hw - BY

The "Base Year" rate design is the alternative for a single year filing if the MYRP filing is denied.

Col #	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
							Pro Forma at Presnt Rates		Pro Forma at Proposed Rates		Block
Line No.	Class/Meter Size	Test Yr Units	Effctv Test Year Rate	Test Year Revenue	Normlzd TY Units	ProFrma Units Bs Yr	Rate Prior to Filing	Bs Yr Rev at Rate Prior	Proposed Bs Yr Rate	Bs Yr Rev at Proposed	Top Lmt Gallons
1	**All Measured Bills**						w/o SIC				
2	ANC Main Non-Tier										
3	<1"	680,269	$ 20.70	$ 14,079,578	680,640	685,656	$ 20.70	$ 14,193,079	$ 24.83	$ 17,024,838	
4	1"	3,894	51.66	201,150	3,636	3,636	51.75	188,163	62.08	225,723	
5	1.5"	374	103.52	38,716	312	312	103.50	32,292	124.15	38,735	
6	2"	657	165.65	108,831	612	612	165.60	101,347	198.64	121,568	
7	3"	24	311.36	7,473	24	24	310.50	7,452	372.45	8,939	
8	4"	72	518.22	37,312	72	72	517.50	37,260	620.75	44,694	
9	6"	12	1,055.13	12,662	12	12	1,035.00	12,420	1,241.50	14,898	
10	ANC Main Tier Domestic										
11	Tier <1"	80,115	20.70	1,658,241	80,484	81,180	20.70	1,680,426	24.83	2,015,699	
12	Tier 1"	118	51.75	6,107	120	120	51.75	6,210	62.08	7,450	
13	ANC Main Tier Irrigation										
14	Tier <1"	2,869	20.69	59,369	3,024	3,024	20.70	62,597	24.83	75,086	
15	Tier 1"	406	51.69	20,985	408	408	51.75	21,114	62.08	25,329	
16	Tier 1.5"	12	103.50	1,242	12	12	103.50	1,242	124.15	1,490	
17											
18	Measured Total	768,822		$ 16,231,664	769,356	775,068		$ 16,343,602		$ 19,604,448	
19											
20	**Residential & Commercial Unmeasured Bills**										
21	Flat Rate Res	0	--	$ -	0	0	$ 46.22	$ -	$ 62.08	$ -	
22	FR Com billed Res	2,363	46.23	109,238	2,340	2,340	46.22	108,155	62.08	145,267	
23	Flat Rate Com	58	73.63	4,271	60	60	73.63	4,418	84.42	5,065	
24	Flat Rate Total	2,421		$ 113,508	2,400	2,400		$ 112,573		$ 150,332	
25	Tot Fixed			$ 16,345,172				$ 16,456,175		$ 19,754,780	
26	**Gallonage (kGals)**										
27	**Aqua Provided Water**										
28	Main Non-Tier	2,791,989	$ 6.38	$ 17,812,419	2,754,387	2,777,559	$ 6.38	$ 17,720,826	$ 7.730	$ 21,470,531	
29	Domestic Tiers										Blk Top
30	Block1	263,929	4.14	1,093,134	261,304	263,594	4.14	1,091,280	$ 4.680	$ 1,233,621	4,000
31	Block2	120,292	6.21	747,015	119,096	120,140	6.21	746,068	$ 7.020	$ 843,381	8,000
32	Block3	82,754	9.32	771,254	81,932	82,649	9.32	770,290	$ 10.540	$ 871,122	15,000
33	Block4	86,083	12.42	1,069,134	85,228	85,974	12.42	1,067,802	$ 14.040	$ 1,207,080	none
34	Irrigation Tiers										
35	Block1Irr	16,524	9.31	153,786	17,053	17,053	9.32	158,938	$ 10.540	$ 179,744	15,000
36	Block2Irr	10,570	12.41	131,173	10,832	10,832	12.42	134,528	$ 14.040	$ 152,075	none
37	Aqua Subtot	3,372,142	$ 6.46	$ 21,777,916	3,329,833	3,357,801	$ 6.46	$ 21,689,732	$ 7.730	$ 25,957,554	

printed 11/18/2022

Col #	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
							Pro Forma at Presnt Rates		Pro Forma at Proposed Rates		Block
Line No.	Class/Meter Size	Test Yr Units	Effctv Test Year Rate	Test Year Revenue	Normlzd TY Units	ProFrma Units Bs Yr	Rate Prior to Filing	Bs Yr Rev at Rate Prior	Proposed Bs Yr Rate	Bs Yr Rev at Proposed	Top Lmt Gallons
38	**Purchased Water**										
39	**Provider**										
40	ChthmCnty-	10,486	$ 7.04	$ 73,818	10,320	10,320	$ 7.04	$ 72,653	7.04	$ 72,653	
41	ChthmCntyCPP	7,982	9.98	79,634	7,747	7,747	9.98	77,315	9.98	$ 77,315	
42	CtyAshvll	1,340	4.96	6,649	1,287	1,287	4.96	6,384	4.96	$ 6,384	
43	CtyBlmnt	3,945	14.40	56,792	3,813	3,813	14.40	54,907	14.40	$ 54,907	
44	CtyChrltt	36,014	2.19	78,863	33,991	33,991	2.19	74,440	2.19	$ 74,440	
45	CtyCncrd	1,774	5.42	9,615	1,754	1,754	5.42	9,507	5.42	$ 9,507	
46	CtyHckry(in)	3,179	3.25	10,332	3,151	3,151	3.25	10,241	3.25	$ 10,241	
47	CtyHckry(out)	598	3.25	1,944	592	592	3.25	1,924	3.25	$ 1,924	
48	CtyHndrsnv	9,904	3.47	34,361	9,987	9,987	4.83	48,237	4.83	$ 48,237	
49	CtyLnclntn	5,561	9.21	51,212	5,497	5,497	9.21	50,627	9.21	$ 50,627	
50	CtyMrgntn	5,808	2.51	14,576	5,712	5,712	2.51	14,337	2.51	$ 14,337	
51	CtyMtAiry	3,827	6.69	25,598	3,788	3,788	6.69	25,342	6.69	$ 25,342	
52	CtyNwtn	863	3.29	2,841	850	850	3.29	2,797	3.29	$ 2,797	
53	DvdsnWtr	5,748	4.76	27,364	5,649	5,649	4.76	26,889	4.76	$ 26,889	
54	HrnttCnty	40,164	2.78	111,689	38,962	38,962	2.78	108,314	2.78	$ 108,314	
55	IredllWtr	1,138	3.61	4,107	1,186	1,186	3.61	4,281	3.61	$ 4,281	
56	JhnstnCnty	246,270	2.89	712,013	235,247	235,247	3.21	755,143	3.21	$ 755,143	
57	TwnFqy-Vrna	3,139	5.18	16,261	3,090	3,090	5.18	16,006	5.18	$ 16,006	
58	TwnFrstCty	2,057	5.63	11,582	2,031	2,031	5.63	11,435	5.63	$ 11,435	
59	TwnPttsbro	34,512	15.34	529,332	35,801	35,801	23.72	849,200	23.72	$ 849,200	
60	TwnSprcPn	2,684	5.96	16,002	2,658	2,658	5.96	15,842	5.96	$ 15,842	
61	Purchased Subtot	426,995	$ 4.39	$ 1,874,585	413,113	413,113	$ 5.41	$ 2,235,820	$ 5.41	$ 2,235,820	
62	Billed Usage Total	3,799,136	$ 6.23	$ 23,652,501	3,742,946	3,770,914	$ 6.34	$ 23,925,553	$ 7.48	$ 28,193,374	
63											
64	**Availability**	1,929	$ 5.00	9,647	1,836	1,776	$ 5.00	$ 8,880	$ 5.00	$ 8,880	
65											
66	**Total Service Revenue Billed**			$ 40,007,319				$ 40,390,607		$ 47,957,034	
67	**SIC Revenue**		4711	185,386				1,336,635		0	
68	**Misc Chrgs**		4710	204,516				275,564		286,248	
69	**St Tax Adj**		4712	(3,070,198)				-		-	
70	**Abatements**			(74,763)				(58,990)		(68,100)	
71	**Subtot Non-Srvc**			(2,755,058)				1,553,209		218,148	
72	**Total Billed Revenue**			$ 37,252,261				$ 41,943,817		$ 48,175,182	
73											
74	**Booked Revenue**		**Acct#**								
75	Unmetered Rev-RESIDENTIAL		460100	$ 0					Proposed Revenue Requirement:	$ 48,171,507	
76	Unmetered Rev-COMMERCIAL		460200	$ 113,410					Rounding Difference:	$ 3,675	
77	Unmetered Rev-AVAILABILTY		460700	$ 9,508					Pct Diff:	0.01%	
78	Sales-Irrigation Customers		465000	$ 365,845							
79	Metered Sales-Residential		461100	$ 38,296,876							
80	Metered Sales-Commercial		461200	$ 1,159,000							
81	SIC Revenue		471100	$ 185,656							
82	Misc Chrgs		4710	$ 205,046							
83	St Tax Adj		471200	$ (3,069,964)							

Col #	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
							Pro Forma at Presnt Rates		Pro Forma at Proposed Rates		Block
Line No.	Class/Meter Size	Test Yr Units	Effctv Test Year Rate	Test Year Revenue	Normlzd TY Units	ProFrma Units Bs Yr	Rate Prior to Filing	Bs Yr Rev at Rate Prior	Proposed Bs Yr Rate	Bs Yr Rev at Proposed	Top Lmt Gallons
84	Total Rev Booked			$ 37,265,378							
85	Acct'g Adjustments (UB&JE)			(14,092)							
86	Total Adjusted Booked Revenue			$ 37,251,286							
87	Difference			(976)							
88	% Difference			0.00%							

Aqua North Carolina, Inc.
Docket W-218 Sub 573
Aqua North Carolina, Inc. Water
Billing Analysis - Revenue, Water
Test Year Revenues; Rate Year 1 Revenue at Present and Proposed RY 1 Rates
Test Year =2021; Rate Years 1, 2, 3 = 2023, 2024, 2025

EXHIBIT Hw - RY1

Col #	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
							Pro Forma at Presnt Rates		Pro Forma at Proposed Rates		Block
Line No.	Class/Meter Size	Test Yr Units	Effctv Test Year Rate	Test Year Revenue	Normlzd TY Units	ProFrma Units RY 1	Rate Prior to Filing w/o SIC	RY 1 Rev at Rate Prior	Proposed RY 1 Rate	RY 1 Rev at Proposed	Top Lmt Gallons
1	**All Measured Bills**										
2	ANC Main Non-Tier										
3	<1"	680,269	$ 20.70	$ 14,079,578	680,640	695,676	$ 20.70	$ 14,400,493	$ 25.59	$ 17,802,349	
4	1"	3,894	51.66	201,150	3,636	3,636	51.75	188,163	63.98	232,631	
5	1.5"	374	103.52	38,716	312	312	103.50	32,292	127.95	39,920	
6	2"	657	165.65	108,831	612	612	165.60	101,347	204.72	125,289	
7	3"	24	311.36	7,473	24	24	310.50	7,452	383.85	9,212	
8	4"	72	518.22	37,312	72	72	517.50	37,260	639.75	46,062	
9	6"	12	1,055.13	12,662	12	12	1,035.00	12,420	1,279.50	15,354	
10	ANC Main Tier Domestic										
11	Tier <1"	80,115	20.70	1,658,241	80,484	82,584	20.70	1,709,489	25.59	2,113,325	
12	Tier 1"	118	51.75	6,107	120	120	51.75	6,210	63.98	7,678	
13	ANC Main Tier Irrigation										
14	Tier <1"	2,869	20.69	59,369	3,024	3,024	20.70	62,597	25.59	77,384	
15	Tier 1"	406	51.69	20,985	408	408	51.75	21,114	63.98	26,104	
16	Tier 1.5"	12	103.50	1,242	12	12	103.50	1,242	127.95	1,535	
17											
18	Measured Total	768,822		$ 16,231,664	769,356	786,492		$ 16,580,079		$ 20,496,843	
19											
20	**Residential & Commercial Unmeasured Bills**										
21	Flat Rate Res	0	--	$ -	0	0	$ 46.22	$ -	$ 63.98	$ -	
22	FR Com billed Res	2,363	46.23	109,238	2,340	2,340	46.22	108,155	63.98	149,713	
23	Flat Rate Com	58	73.63	4,271	60	60	73.63	4,418	87.01	5,221	
24	Flat Rate Total	2,421		$ 113,508	2,400	2,400		$ 112,573		$ 154,934	
25	Tot Fixed			$ 16,345,172				$ 16,692,652		$ 20,651,777	

printed 11/18/2022

Col #	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
							Pro Forma at Presnt Rates		Pro Forma at Proposed Rates		Block
Line No.	Class/Meter Size	Test Yr Units	Effctv Test Year Rate	Test Year Revenue	Normlzd TY Units	ProFrma Units RY 1	Rate Prior to Filing	RY 1 Rev at Rate Prior	Proposed RY 1 Rate	RY 1 Rev at Proposed	Top Lmt Gallons
26	**Gallonage (kGals)**										
27	**Aqua Provided Water**										
28	Main Non-Tier	2,791,989	$ 6.38	$ 17,812,419	2,754,387	2,823,843	$ 6.38	$ 18,016,118	$ 7.98	$ 22,534,267	
29	Domestic Tiers										Blk Top
30	Block1	263,929	4.14	1,093,134	261,304	268,146	4.14	1,110,125	$ 4.81	$ 1,289,783	4,000
31	Block2	120,292	6.21	747,015	119,096	122,214	6.21	758,948	$ 7.22	$ 882,384	8,000
32	Block3	82,754	9.32	771,254	81,932	84,075	9.32	783,581	$ 10.84	$ 911,376	15,000
33	Block4	86,083	12.42	1,069,134	85,228	87,457	12.42	1,086,218	$ 14.44	$ 1,262,882	none
34	Irrigation Tiers										
35	Block1Irr	16,524	9.31	153,786	17,053	17,053	9.32	158,938	$ 10.84	$ 184,860	15,000
36	Block2Irr	10,570	12.41	131,173	10,832	10,832	12.42	134,528	$ 14.44	$ 156,407	none
37	Aqua Subtot	3,372,142	$ 6.46	$ 21,777,916	3,329,833	3,413,620	$ 6.46	$ 22,048,457	$ 7.98	$ 27,221,958	
38	**Purchased Water**										
39	**Provider**										
40	ChthmCnty-	10,486	$ 7.04	$ 73,818	10,320	10,320	$ 7.04	$ 72,653	7.04	$ 72,653	
41	ChthmCntyCPP	7,982	9.98	79,634	7,747	7,747	9.98	77,315	9.98	$ 77,315	
42	CtyAshvll	1,340	4.96	6,649	1,287	1,287	4.96	6,384	4.96	$ 6,384	
43	CtyBlmnt	3,945	14.40	56,792	3,813	3,813	14.40	54,907	14.40	$ 54,907	
44	CtyChrltt	36,014	2.19	78,863	33,991	33,991	2.19	74,440	2.19	$ 74,440	
45	CtyCncrd	1,774	5.42	9,615	1,754	1,754	5.42	9,507	5.42	$ 9,507	
46	CtyHckry(in)	3,179	3.25	10,332	3,151	3,151	3.25	10,241	3.25	$ 10,241	
47	CtyHckry(out)	598	3.25	1,944	592	592	3.25	1,924	3.25	$ 1,924	
48	CtyHndrsnv	9,904	3.47	34,361	9,987	9,987	4.83	48,237	4.83	$ 48,237	
49	CtyLnclntn	5,561	9.21	51,212	5,497	5,497	9.21	50,627	9.21	$ 50,627	
50	CtyMrgntn	5,808	2.51	14,576	5,712	5,712	2.51	14,337	2.51	$ 14,337	
51	CtyMtAiry	3,827	6.69	25,598	3,788	3,788	6.69	25,342	6.69	$ 25,342	
52	CtyNwtn	863	3.29	2,841	850	850	3.29	2,797	3.29	$ 2,797	
53	DvdsnWtr	5,748	4.76	27,364	5,649	5,649	4.76	26,889	4.76	$ 26,889	
54	HrnttCnty	40,164	2.78	111,689	38,962	38,962	2.78	108,314	2.78	$ 108,314	
55	IredllWtr	1,138	3.61	4,107	1,186	1,186	3.61	4,281	3.61	$ 4,281	
56	JhnstnCnty	246,270	2.89	712,013	235,247	235,247	3.21	755,143	3.21	$ 755,143	
57	TwnFqy-Vrna	3,139	5.18	16,261	3,090	3,090	5.18	16,006	5.18	$ 16,006	
58	TwnFrstCty	2,057	5.63	11,582	2,031	2,031	5.63	11,435	5.63	$ 11,435	
59	TwnPttsbro	34,512	15.34	529,332	35,801	35,801	23.72	849,200	23.72	$ 849,200	
60	TwnSprcPn	2,684	5.96	16,002	2,658	2,658	5.96	15,842	5.96	$ 15,842	
61	Purchased Subtot	426,995	$ 4.39	$ 1,874,585	413,113	413,113	$ 5.41	$ 2,235,820	$ 5.41	$ 2,235,820	
62	Billed Usage Total	3,799,136	$ 6.23	$ 23,652,501	3,742,946	3,826,733	$ 6.35	$ 24,284,277	$ 7.70	$ 29,457,779	
63											
64	**Availability**	1,929	$ 5.00	9,647	1,836	1,656	$ 5.00	$ 8,280	$ 5.00	$ 8,280	

Col #	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
							Pro Forma at Presnt Rates		Pro Forma at Proposed Rates		Block
Line No.	Class/Meter Size	Test Yr Units	Effctv Test Year Rate	Test Year Revenue	Normlzd TY Units	ProFrma Units RY 1	Rate Prior to Filing	RY 1 Rev at Rate Prior	Proposed RY 1 Rate	RY 1 Rev at Proposed	Top Lmt Gallons
65											
66	**Total Service Revenue Billed**			$ 40,007,319				$ 40,985,209		$ 50,117,836	
67	**SIC Revenue**		4711	185,386				1,356,336		0	
68	**Misc Chrgs**		4710	204,516				286,248		289,855	
69	**St Tax Adj**		4712	(3,070,198)				-		-	
70	**Abatements**			(74,763)				(68,100)		(71,176)	
71	**Subtot Non-Srvc**			(2,755,058)				1,574,484		218,679	
72	**Total Billed Revenue**			$ 37,252,261				$ 42,559,693		$ 50,336,515	
73											
74	**Booked Revenue**		**Acct#**								
75	Unmetered Rev-RESIDENTIAL		460100	$ 0				Proposed Revenue Requirement:		$ 50,347,146	
76	Unmetered Rev-COMMERCIAL		460200	$ 113,410				Rounding Difference:		$ (10,631)	
77	Unmetered Rev-AVAILABILTY		460700	$ 9,508				Pct Diff:		-0.02%	
78	Sales-Irrigation Customers		465000	$ 365,845							
79	Metered Sales-Residential		461100	$ 38,296,876							
80	Metered Sales-Commercial		461200	$ 1,159,000							
81	SIC Revenue		471100	$ 185,656							
82	Misc Chrgs		4710	$ 205,046							
83	St Tax Adj		471200	$ (3,069,964)							
84	Total Rev Booked			$ 37,265,378							
85	Acct'g Adjustments (UB&JE)			(14,092)							
86	Total Adjusted Booked Revenue			$ 37,251,286							
87	Difference			(976)							
88	% Difference			0.00%							

Aqua North Carolina, Inc.
Docket W-218 Sub 573
Aqua North Carolina, Inc. Water
Billing Analysis - Revenue, Water
Rate Year 2 Revenue at RY 1 Rates and Proposed RY 2 Rates
Test Year =2021; Rate Years 1, 2, 3 = 2023, 2024, 2025

EXHIBIT Hw - RY2

Col #	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
							Pro Forma at Presnt Rates		Pro Forma at Proposed Rates		Block
Line No.	Class/Meter Size	Test Yr Units	Normlzd TY Units	ProFrma Units RY1	-- --	ProFrma Units RY 2	Rate as of Rate Yr 1	PF Rev at RY 1 Rate	Proposed RY 2 Rate	RY 2 Rev at Proposed	Top Lmt Gallons
1	**All Measured Bills**						w/o SIC				
2	ANC Main Non-Tier										
3	<1"	680,269	680,640	695,676		705,696	$ 25.59	$ 18,058,761	$ 26.50	$ 18,700,944	
4	1"	3,894	3,636	3,636		3,636	63.98	232,631	66.25	240,885	
5	1.5"	374	312	312		312	127.95	39,920	132.50	41,340	
6	2"	657	612	612		612	204.72	125,289	212.00	129,744	
7	3"	24	24	24		24	383.85	9,212	397.50	9,540	
8	4"	72	72	72		72	639.75	46,062	662.50	47,700	
9	6"	12	12	12		12	1,279.50	15,354	1,325.00	15,900	
10	ANC Main Tier Domestic										
11	Tier <1"	80,115	80,484	82,584		83,988	25.59	2,149,253	26.50	2,225,682	
12	Tier 1"	118	120	120		120	63.98	7,678	66.25	7,950	
13	ANC Main Tier Irrigation										
14	Tier <1"	2,869	3,024	3,024		3,024	25.59	77,384	26.50	80,136	
15	Tier 1"	406	408	408		408	63.98	26,104	66.25	27,030	
16	Tier 1.5"	12	12	12		12	127.95	1,535	132.50	1,590	
17											
18	Measured Total	768,822	769,356	786,492		797,916		$ 20,789,183		$ 21,528,441	
19											
20	**Residential & Commercial Unmeasured Bills**										
21	Flat Rate Res	0	0	0		0	$ 63.98	$ -	$ 66.25	$ -	
22	FR Com billed Res	2,363	2,340	2,340		2,340	63.98	149,713	66.25	155,025	
23	Flat Rate Com	58	60	60		60	87.01	5,221	92.75	5,565	
24	Flat Rate Total	2,421	2,400	2,400		2,400		$ 154,934		$ 160,590	
25	Tot Fixed							$ 20,944,117		$ 21,689,031	
26	**Gallonage (kGals)**										
27	**Aqua Provided Water**										
28	Main Non-Tier	2,791,989	2,754,387	2,823,843		2,827,700	$ 7.98	$ 22,565,046	$ 8.400	$ 23,752,680	
29	Domestic Tiers										Blk Top
30	Block1	263,929	261,304	268,146		268,146	$ 4.81	1,289,783	$ 5.080	$ 1,362,182	4,000
31	Block2	120,292	119,096	122,214		122,214	7.22	882,384	$ 7.620	$ 931,270	8,000
32	Block3	82,754	81,932	84,075		84,075	10.84	911,376	$ 11.440	$ 961,821	15,000
33	Block4	86,083	85,228	87,457		87,457	14.44	1,262,882	$ 15.250	$ 1,333,722	none
34	Irrigation Tiers										
35	Block1Irr	16,524	17,053	17,053		17,053	$ 10.84	184,860	$ 11.440	$ 195,092	15,000
36	Block2Irr	10,570	10,832	10,832		10,832	14.44	156,407	$ 15.250	$ 165,181	none
37	Aqua Subtot	3,372,142	3,329,833	3,413,620		3,417,477	$ 7.98	$ 27,252,738	$ 8.400	$ 28,701,948	

printed 11/18/2022

Col #	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
							Pro Forma at Presnt Rates		Pro Forma at Proposed Rates		Block
Line No.	Class/Meter Size	Test Yr Units	Normlzd TY Units	ProFrma Units RY1	-- --	ProFrma Units RY 2	Rate as of Rate Yr 1	PF Rev at RY 1 Rate	Proposed RY 2 Rate	RY 2 Rev at Proposed	Top Lmt Gallons
38	**Purchased Water**										
39	**Provider**										
40	ChthmCnty-	10,486	10,320	10,320		10,320	$ 7.04	$ 72,653	7.04	$ 72,653	
41	ChthmCntyCPP	7,982	7,747	7,747		7,747	9.98	77,315	9.98	$ 77,315	
42	CtyAshvll	1,340	1,287	1,287		1,287	4.96	6,384	4.96	$ 6,384	
43	CtyBlmnt	3,945	3,813	3,813		3,813	14.40	54,907	14.40	$ 54,907	
44	CtyChrltt	36,014	33,991	33,991		33,991	2.19	74,440	2.19	$ 74,440	
45	CtyCncrd	1,774	1,754	1,754		1,754	5.42	9,507	5.42	$ 9,507	
46	CtyHckry(in)	3,179	3,151	3,151		3,151	3.25	10,241	3.25	$ 10,241	
47	CtyHckry(out)	598	592	592		592	3.25	1,924	3.25	$ 1,924	
48	CtyHndrsnv	9,904	9,987	9,987		9,987	4.83	48,237	4.83	$ 48,237	
49	CtyLnclntn	5,561	5,497	5,497		5,497	9.21	50,627	9.21	$ 50,627	
50	CtyMrgntn	5,808	5,712	5,712		5,712	2.51	14,337	2.51	$ 14,337	
51	CtyMtAiry	3,827	3,788	3,788		3,788	6.69	25,342	6.69	$ 25,342	
52	CtyNwtn	863	850	850		850	3.29	2,797	3.29	$ 2,797	
53	DvdsnWtr	5,748	5,649	5,649		5,649	4.76	26,889	4.76	$ 26,889	
54	HrnttCnty	40,164	38,962	38,962		38,962	2.78	108,314	2.78	$ 108,314	
55	IredllWtr	1,138	1,186	1,186		1,186	3.61	4,281	3.61	$ 4,281	
56	JhnstnCnty	246,270	235,247	235,247		235,247	3.21	755,143	3.21	$ 755,143	
57	TwnFqy-Vrna	3,139	3,090	3,090		3,090	5.18	16,006	5.18	$ 16,006	
58	TwnFrstCty	2,057	2,031	2,031		2,031	5.63	11,435	5.63	$ 11,435	
59	TwnPttsbro	34,512	35,801	35,801		35,801	23.72	849,200	23.72	$ 849,200	
60	TwnSprcPn	2,684	2,658	2,658		2,658	5.96	15,842	5.96	$ 15,842	
61	Purchased Subtot	426,995	413,113	413,113		413,113	$ 5.41	$ 2,235,820	$ 5.41	$ 2,235,820	
62	Billed Usage Total	3,799,136	3,742,946	3,826,733		3,830,590	$ 7.70	$ 29,488,558	$ 8.08	$ 30,937,768	
63											
64	**Availability**	1,929	1,836	1,656		1,536	$ 5.00	$ 7,680	$ 5.00	$ 7,680	
65											
66	**Total Service Revenue Billed**			$ 50,117,836				$ 50,440,355		$ 52,634,479	
67	**SIC Revenue**		4711	0				-		0	
68	**Misc Chrgs**		4710	289,855				289,855		296,226	
69	**St Tax Adj**		4712	0				-		-	
70	**Abatements**			(71,176)				(71,176)		(76,609)	
71	**Subtot Non-Srvc**			218,679				218,679		219,617	
72	**Total Billed Revenue**			$ 50,336,515				$ 50,659,034		$ 52,854,097	
73											
74											
75									Proposed Revenue Requirement:	$ 52,864,503	
76									Rounding Difference:	$ (10,407)	
77									Pct Diff:	-0.02%	
78											
79											
80											

Aqua North Carolina, Inc.
Docket W-218 Sub 573
Aqua North Carolina, Inc. Water
Billing Analysis - Revenue, Water
Rate Year 3 Revenue at RY 2 Rates and Proposed RY 3 Rates
Test Year =2021; Rate Years 1, 2, 3 = 2023, 2024, 2025

EXHIBIT Hw - RY3

Col #	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
							Pro Forma at Presnt Rates		Pro Forma at Proposed Rates		Block
Line No.	Class/Meter Size	Test Yr Units	Normlzd TY Units	ProFrma Units RY1	ProFrma Units RY2	ProFrma Units RY 3	Rate as of Rate Yr 2	PF Rev at RY 2 Rate	Proposed RY 3 Rate	RY 3 Rev at Proposed	Top Lmt Gallons
1	**All Measured Bills**						w/o SIC				
2	ANC Main Non-Tier										
3	<1"	680,269	680,640	695,676	705,696	715,716	$ 26.50	$ 18,966,474	$ 27.44	$ 19,639,247	
4	1"	3,894	3,636	3,636	3,636	3,636	66.25	240,885	68.60	249,430	
5	1.5"	374	312	312	312	312	132.50	41,340	137.20	42,806	
6	2"	657	612	612	612	612	212.00	129,744	219.52	134,346	
7	3"	24	24	24	24	24	397.50	9,540	411.60	9,878	
8	4"	72	72	72	72	72	662.50	47,700	686.00	49,392	
9	6"	12	12	12	12	12	1,325.00	15,900	1,372.00	16,464	
10	ANC Main Tier Domestic										
11	Tier <1"	82,984	80,484	82,584	83,988	85,392	26.50	2,262,888	27.44	2,343,156	
12	Tier 1"	524	120	120	120	120	66.25	7,950	68.60	8,232	
13	ANC Main Tier Irrigation										
14	Tier <1"	82,984	3,024	3,024	3,024	3,024	26.50	80,136	27.44	82,979	
15	Tier 1"	524	408	408	408	408	66.25	27,030	68.60	27,989	
16	Tier 1.5"	12	12	12	12	12	132.50	1,590	137.20	1,646	
17											
18	Measured Total	852,330	769,356	786,492	797,916	809,340		$ 21,831,177		$ 22,605,566	
19											
20	**Residential & Commercial Unmeasured Bills**										
21	Flat Rate Res	0	0	0	0	0	$ 66.25	$ -	$ 68.60	$ -	
22	FR Com billed Res	2,363	2,340	2,340	2,340	2,340	66.25	155,025	68.60	160,524	
23	Flat Rate Com	58	60	60	60	60	92.75	5,565	96.04	5,762	
24	Flat Rate Total	2,421	2,400	2,400	2,400	2,400		$ 160,590		$ 166,286	
25	Tot Fixed							$ 21,991,767		$ 22,771,852	
26	**Gallonage (kGals)**										
27	**Aqua Provided Water**										
28	Main Non-Tier	2,791,989	2,754,387	2,823,843	2,827,700	2,831,557	$ 8.40	$ 23,785,079	$ 8.85	$ 25,059,279	
29	Domestic Tiers										Blk Top
30	Block1	263,929	261,304	268,146	268,146	268,146	$ 5.08	1,362,182	$ 5.34	$ 1,431,900	4,000
31	Block2	120,292	119,096	122,214	122,214	122,214	7.62	931,270	8.01	$ 978,933	8,000
32	Block3	82,754	81,932	84,075	84,075	84,075	11.44	961,821	12.03	$ 1,011,426	15,000
33	Block4	86,083	85,228	87,457	87,457	87,457	15.25	1,333,723	16.04	$ 1,402,814	none
34	Irrigation Tiers										
35	Block1Irr	16,524	17,053	17,053	17,053	17,053	$ 11.44	195,092	$ 12.03	$ 205,153	15,000
36	Block2Irr	10,570	10,832	10,832	10,832	10,832	15.25	165,181	16.04	$ 173,738	none
37	Aqua Subtot	3,372,142	3,329,833	3,413,620	3,417,477	3,421,335	$ 8.40	$ 28,734,347	$ 8.85	$ 30,263,244	

printed 11/18/2022

Col #	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
							Pro Forma at Presnt Rates		Pro Forma at Proposed Rates		Block
Line No.	Class/Meter Size	Test Yr Units	Normlzd TY Units	ProFrma Units RY1	ProFrma Units RY2	ProFrma Units RY 3	Rate as of Rate Yr 2	PF Rev at RY 2 Rate	Proposed RY 3 Rate	RY 3 Rev at Proposed	Top Lmt Gallons
38	**Purchased Water**										
39	**Provider**										
40	ChthmCnty-	10,486	10,320	10,320	10,320	10,320	$ 7.04	$ 72,653	7.04	$ 72,653	
41	ChthmCntyCPP	7,982	7,747	7,747	7,747	7,747	9.98	77,315	9.98	$ 77,315	
42	CtyAshvll	1,340	1,287	1,287	1,287	1,287	4.96	6,384	4.96	$ 6,384	
43	CtyBlmnt	3,945	3,813	3,813	3,813	3,813	14.40	54,907	14.40	$ 54,907	
44	CtyChrltt	36,014	33,991	33,991	33,991	33,991	2.19	74,440	2.19	$ 74,440	
45	CtyCncrd	1,774	1,754	1,754	1,754	1,754	5.42	9,507	5.42	$ 9,507	
46	CtyHckry(in)	3,179	3,151	3,151	3,151	3,151	3.25	10,241	3.25	$ 10,241	
47	CtyHckry(out)	598	592	592	592	592	3.25	1,924	3.25	$ 1,924	
48	CtyHndrsnv	9,904	9,987	9,987	9,987	9,987	4.83	48,237	4.83	$ 48,237	
49	CtyLnclntn	5,561	5,497	5,497	5,497	5,497	9.21	50,627	9.21	$ 50,627	
50	CtyMrgntn	5,808	5,712	5,712	5,712	5,712	2.51	14,337	2.51	$ 14,337	
51	CtyMtAiry	3,827	3,788	3,788	3,788	3,788	6.69	25,342	6.69	$ 25,342	
52	CtyNwtn	863	850	850	850	850	3.29	2,797	3.29	$ 2,797	
53	DvdsnWtr	5,748	5,649	5,649	5,649	5,649	4.76	26,889	4.76	$ 26,889	
54	HrnttCnty	40,164	38,962	38,962	38,962	38,962	2.78	108,314	2.78	$ 108,314	
55	IredllWtr	1,138	1,186	1,186	1,186	1,186	3.61	4,281	3.61	$ 4,281	
56	JhnstnCnty	246,270	235,247	235,247	235,247	235,247	3.21	755,143	3.21	$ 755,143	
57	TwnFqy-Vrna	3,139	3,090	3,090	3,090	3,090	5.18	16,006	5.18	$ 16,006	
58	TwnFrstCty	2,057	2,031	2,031	2,031	2,031	5.63	11,435	5.63	$ 11,435	
59	TwnPttsbro	34,512	35,801	35,801	35,801	35,801	23.72	849,200	23.72	$ 849,200	
60	TwnSprcPn	2,684	2,658	2,658	2,658	2,658	5.96	15,842	5.96	$ 15,842	
61	Purchased Subtot	426,995	413,113	413,113	413,113	413,113	$ 5.41	$ 2,235,820	$ 5.41	$ 2,235,820	
62	Billed Usage Total	3,799,136	3,742,946	3,826,733	3,830,590	3,834,448	$ 8.08	$ 30,970,168	$ 8.48	$ 32,499,064	
63											
64	**Availability**	1,929	1,836	1,656	1,536	1,536	$ 5.00	$ 7,680	$ 5.00	$ 7,680	
65											
66	**Total Service Revenue Billed**			$ 50,117,836	$ 52,634,479			$ 52,969,615		$ 55,278,596	
67	**SIC Revenue**		4711	0	0			-		0	
68	**Misc Chrgs**		4710	289,855	296,226			294,162		298,469	
69	**St Tax Adj**		4712	0	0			-		-	
70	**Abatements**			(71,176)	(76,609)			(74,849)		(78,522)	
71	**Subtot Non-Srvc**			218,679	219,617			219,313		219,948	
72	**Total Billed Revenue**			$ 50,336,515	$ 52,854,097			$ 53,188,928		$ 55,498,544	
73											
74											
75								Proposed Revenue Requirement:		$ 55,507,728	
76								Rounding Difference:		$ (9,185)	
77								Pct Diff:		-0.02%	
78											
79											
80											

Aqua North Carolina, Inc.
Docket W-218 Sub 573
Aqua North Carolina, Inc. Water
Comparison of Present and Applied for Rates
Test Yr = 2021; Base Yr = 2022; Rate Years 1, 2, 3 = 2023, 2024, 2025

EXHIBIT Jw

WATER

Residential & Commercial

Line #	Meter Size		Present Tariff Rate	Present Rate w/SIC	Single * Proposed Base Year	WSIP (MYRP) Proposed Rate Year 1	WSIP (MYRP) Proposed Rate Year 2	WSIP (MYRP) Proposed Rate Year 3
1	**Metered Bills**			3.31%				
2	**Base Facility Charge**							
3	< 1 Inch		$ 20.70	$ 21.39	$ 24.83	$ 25.59	$ 26.50	$ 27.44
4	1 Inch		51.75	53.46	62.08	63.98	66.25	68.60
5	1.5 Inch		103.50	106.93	124.15	127.95	132.50	137.20
6	2 Inch		165.60	171.08	198.64	204.72	212.00	219.52
7	3 Inch		310.50	320.78	372.45	383.85	397.50	411.60
8	4 Inch		517.50	534.63	620.75	639.75	662.50	686.00
9	6 Inch		1,035.00	1,069.26	1,241.50	1,279.50	1,325.00	1,372.00
10								
11	**Consumption**	Charge per 1,000 gallons						
12	ANC Provided Water							
13	Non-Tier		$ 6.38	$ 6.59	$ 7.73	$ 7.98	$ 8.40	$ 8.85
14	Tier Blocks, Res	To kGals						
15	Tier Block 1	4.000	$ 4.14	$ 4.28	$ 4.68	$ 4.81	$ 5.08	$ 5.34
16	Tier Block 2	8.000	6.21	6.42	7.02	7.22	7.62	8.01
17	Tier Block 3	15.000	9.32	9.63	10.54	10.84	11.44	12.03
18	Tier Block 4	9,999.999	12.42	12.83	14.04	14.44	15.25	16.04
19	Tier Blocks, Irrigation							
20	Tier Block 1 Irr	15.000	$ 9.32	$ 9.63	$ 10.54	$ 10.84	$ 11.44	$ 12.03
21	Tier Block 2 Irr	9,999.999	12.42	12.83	14.04	14.44	15.25	16.04
22	Purchased Water - next page							
23								
24	**Flat Rate**							
25	Monthly Bill - Res		$ 46.22	$ 47.75	$ 62.08	$ 63.98	$ 66.25	$ 68.60
26	Monthly Bill - Com as Res		46.22	47.75	62.08	63.98	66.25	68.60
27	Monthly Bill - Com		73.63	76.07	84.42	87.01	92.75	96.04
28								
29	**Availability**							
30	Woodlake		$ 5.00	$ 5.00	$ 5.00	$ 5.00	$ 5.00	$ 5.00

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

EXHIBIT Jw

Line #	Meter Size		Present Tariff Rate	Present Rate w/SIC	Proposed Base Year	Proposed Rate Year 1	Proposed Rate Year 2	Proposed Rate Year 3
1	**Purchased Water**							
2	**Provider**							
3	ChthmCnty-		$ 7.04	$ 7.27	$ 7.04	$ 7.04	$ 7.04	$ 7.04
4	ChthmCntyCPP		9.98	10.31	9.98	9.98	9.98	9.98
5	CtyAshvll		4.96	5.12	4.96	4.96	4.96	4.96
6	CtyBlmnt		14.40	14.88	14.40	14.40	14.40	14.40
7	CtyChrltt		2.19	2.26	2.19	2.19	2.19	2.19
8	CtyCncrd		5.42	5.60	5.42	5.42	5.42	5.42
9	CtyHckry(in)		3.25	3.36	3.25	3.25	3.25	3.25
10	CtyHckry(out)		3.25	3.36	3.25	3.25	3.25	3.25
11	CtyHndrsnv		4.83	4.99	4.83	4.83	4.83	4.83
12	CtyLnclntn		9.21	9.51	9.21	9.21	9.21	9.21
13	CtyMrgntn		2.51	2.59	2.51	2.51	2.51	2.51
14	CtyMtAiry		6.69	6.91	6.69	6.69	6.69	6.69
15	CtyNwtn		3.29	3.40	3.29	3.29	3.29	3.29
16	DvdsnWtr		4.76	4.92	4.76	4.76	4.76	4.76
17	HrnttCnty		2.78	2.87	2.78	2.78	2.78	2.78
18	IredllWtr		3.61	3.73	3.61	3.61	3.61	3.61
19	JhnstnCnty		3.21	3.32	3.21	3.21	3.21	3.21
20	TwnFqy-Vrna		5.18	5.35	5.18	5.18	5.18	5.18
21	TwnFrstCty		5.63	5.82	5.63	5.63	5.63	5.63
22	TwnPttsbro		23.72	24.51	23.72	23.72	23.72	23.72
23	TwnSprcPn		5.96	6.16	5.96	5.96	5.96	5.96
24								
25				Bill Prsnt	Bill Prpsd	Bill Prpsd	Bill Prpsd	Bill Prpsd
26	**Average Residential Statistics**			Rate w/SIC	Base Year	Rate Year 1	Rate Year 2	Rate Year 3
27	Avg <1" Bill at Specified Usage							
28	Res in main Tariff Area							
29	Avg <1" kGals/Mnth	4.790		$ 52.96	$ 61.86	$ 63.81	$ 66.74	$ 69.83
30	% Incrs				16.8%	20.5%	4.6%	4.6%
31	Res in Tier Block Area							
32	at sample kGals->	4.790		$ 43.56	$ 49.10	$ 50.53	$ 52.84	$ 55.13
33	at sample kGals->	8.000		64.16	71.63	73.71	77.30	80.84
34	at sample kGals->	15.000		131.55	145.41	149.59	157.38	165.05
35	at sample kGals->	30.000		324.02	356.01	366.19	386.13	405.65

* The "Base Year" rate design is the alternative for a single year filing if the MYRP filing is denied.