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Aqua North Carolina, Inc.
Docket No. W-218, Sub 526
Historical Conservation Experience

Thill Direct Exhibit 1

Test Year Ended	Total Customers Bills	Total kGallons Billed	Total 100kGallons Billed	Avg Gallons per Month	3-Yr Avg Gallons per Month	Change in 3-Yr Avg	Compounded Annual Growth Rate
Consolidated							
Sep-09	844,871	47,428,082	474,281	5,614			
Sep-10	849,911	49,188,432	491,884	5,787			
Sep-11	857,409	49,885,466	498,855	5,818	5,740		
Sep-12	861,297	46,813,921	468,139	5,435	5,680	-1.06%	
Sep-13	878,244	43,607,549	436,075	4,965	5,403	-4.87%	
Sep-14	895,252	46,482,452	464,825	5,192	5,196	-3.83%	
Sep-15	912,661	47,565,124	475,651	5,212	5,125	-1.37%	
Sep-16	926,901	47,287,963	472,880	5,102	5,168	0.85%	
Sep-17	937,577	48,076,057	480,761	5,128	5,147	-0.41%	
Sep-18	952,244	47,845,083	478,451	5,024	5,084	-1.21%	
Sep-19	966,565	48,891,837	488,918	5,058	5,070	-0.28%	-1.54%
Aqua NC							
Sep-09	639,606	34,171,851	341,719	5,343			
Sep-10	643,070	35,433,430	354,334	5,510			
Sep-11	649,629	36,092,568	360,926	5,556	5,470		
Sep-12	654,306	33,950,878	339,509	5,189	5,417	-0.96%	
Sep-13	670,955	31,553,318	315,533	4,703	5,144	-5.04%	
Sep-14	687,071	33,766,698	337,667	4,915	4,933	-4.11%	
Sep-15	702,835	35,297,154	352,972	5,022	4,882	-1.03%	
Sep-16	714,272	35,083,286	350,833	4,912	4,950	1.38%	
Sep-17	724,037	36,060,305	360,603	4,980	4,971	0.44%	
Sep-18	734,818	35,757,333	357,573	4,866	4,919	-1.05%	
Sep-19	745,135	36,044,481	360,445	4,837	4,894	-0.51%	-1.38%
Brookwood							
Sep-09	165,505	10,141,652	101,417	6,128			
Sep-10	166,045	10,461,136	104,611	6,300			
Sep-11	166,461	10,249,282	102,493	6,157	6,195		
Sep-12	164,677	9,521,052	95,211	5,782	6,081	-1.85%	
Sep-13	164,018	9,163,475	91,635	5,587	5,843	-3.90%	
Sep-14	162,951	9,523,561	95,236	5,844	5,737	-1.81%	
Sep-15	163,099	8,993,485	89,935	5,514	5,648	-1.55%	
Sep-16	164,015	8,760,644	87,606	5,341	5,566	-1.45%	
Sep-17	162,897	8,564,599	85,646	5,258	5,371	-3.50%	
Sep-18	163,535	8,497,683	84,977	5,196	5,265	-1.97%	
Sep-19	164,873	8,332,197	83,322	5,054	5,169	-1.83%	-2.24%
Fairways							
Sep-09	39,760	3,114,579	31,146	7,833			
Sep-10	40,817	3,293,866	32,939	8,070			
Sep-11	41,361	3,543,616	35,436	8,568	8,162		
Sep-12	42,185	3,341,991	33,420	7,922	8,185	0.29%	
Sep-13	43,277	2,890,756	28,908	6,680	7,709	-5.82%	
Sep-14	45,230	3,192,193	31,922	7,058	7,212	-6.45%	
Sep-15	46,727	3,274,485	32,745	7,008	6,919	-4.05%	
Sep-16	48,614	3,444,033	34,440	7,084	7,050	1.89%	
Sep-17	50,643	3,451,153	34,512	6,815	6,966	-1.19%	
Sep-18	53,891	3,590,067	35,901	6,662	6,846	-1.72%	
Sep-19	56,557	4,515,159	45,152	7,983	7,174	4.78%	-1.60%

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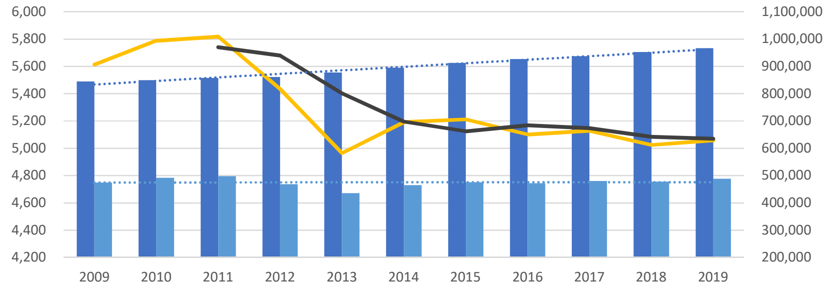
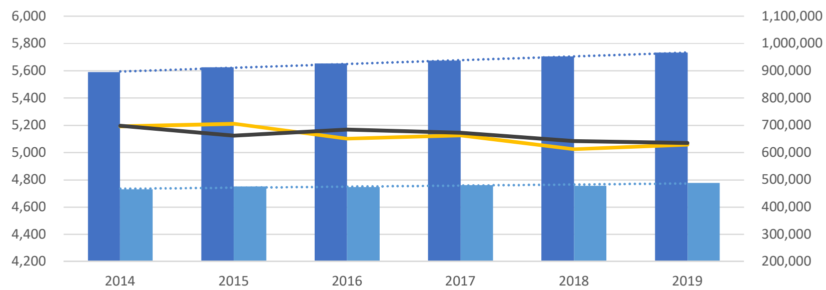
Consolidated Water - TY Avg and 3 Yr Avg vs. Time (2009-2019)



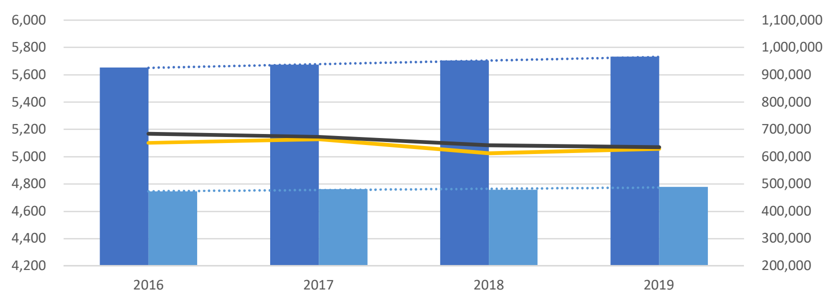
	Sep-09	Sep-10	Sep-11	Sep-12	Sep-13	Sep-14	Sep-15	Sep-16	Sep-17	Sep-18	Sep-19
Total Customers Bills	844,871	849,911	857,409	861,297	878,244	895,252	912,661	926,901	937,577	952,244	966,565
Total 100kGallons Billed	474,281	491,884	498,855	468,139	436,075	464,825	475,651	472,880	480,761	478,451	488,918
Avg Gallons per Month	5,614	5,787	5,818	5,435	4,965	5,192	5,212	5,102	5,128	5,024	5,058
3-Yr Avg Gallons per Month			5,740	5,680	5,403	5,196	5,125	5,168	5,147	5,084	5,070

Consolidated Water - TY Avg and 3 Yr Avg vs. Time (2014-2019)



	Sep-14	Sep-15	Sep-16	Sep-17	Sep-18	Sep-19
Total Customers Bills	895,252	912,661	926,901	937,577	952,244	966,565
Total 100kGallons Billed	464,825	475,651	472,880	480,761	478,451	488,918
Avg Gallons per Month	5,192	5,212	5,102	5,128	5,024	5,058
3-Yr Avg Gallons per Month	5,196	5,125	5,168	5,147	5,084	5,070

Consolidated Water - TY Avg and 3 Yr Avg vs. Time (2016-2019)



	Sep-16	Sep-17	Sep-18	Sep-19
Total Customers Bills	926,901	937,577	952,244	966,565
Total 100kGallons Billed	472,880	480,761	478,451	488,918
Avg Gallons per Month	5,102	5,128	5,024	5,058
3-Yr Avg Gallons per Month	5,168	5,147	5,084	5,070

Entitity	Year	TY Ended	TY Avg	3 Yr Avg	3Yr Ch	Pct Ch		Values
ANC	0	9/30/2011	5,556	5,470				
	1	9/30/2012	5,189	5,417	(53)	-0.96%		
	2	9/30/2013	4,703	5,144	(273)	-5.04%		
	3	9/30/2014	4,915	4,933	(211)	-4.11%		
	4	9/30/2015	5,022	4,882	(51)	-1.03%		
	5	9/30/2016	4,912	4,950	67	1.38%		
	6	9/30/2017	4,980	4,971	22	0.44%		
	7	9/30/2018	4,866	4,919	(52)	-1.05%		
	8	9/30/2019	4,837	4,894	(25)	-0.51%	CAGR	-1.38%
BW	0	9/30/2011	6,157	6,195				
	1	9/30/2012	5,782	6,081	(115)	-1.8%		
	2	9/30/2013	5,587	5,843	(237)	-3.9%		
	3	9/30/2014	5,844	5,737	(106)	-1.8%		
	4	9/30/2015	5,514	5,648	(89)	-1.6%		
	5	9/30/2016	5,341	5,566	(82)	-1.5%		
	6	9/30/2017	5,258	5,371	(195)	-3.5%		
	7	9/30/2018	5,196	5,265	(106)	-2.0%		
	8	9/30/2019	5,054	5,169	(96)	-1.8%	CAGR	-2.24%
FW	0	9/30/2011	8,568	8,162				
	1	9/30/2012	7,922	8,185	24	0.3%		
	2	9/30/2013	6,680	7,709	(477)	-5.8%		
	3	9/30/2014	7,058	7,212	(497)	-6.4%		
	4	9/30/2015	7,008	6,919	(292)	-4.1%		
	5	9/30/2016	7,084	7,050	131	1.9%		
	6	9/30/2017	6,815	6,966	(84)	-1.2%		
	7	9/30/2018	6,662	6,846	(120)	-1.7%		
	8	9/30/2019	7,983	7,174	327	4.8%	CAGR	-1.60%

		TY Ended	TY Avg	3 Yr Avg	3Yr Ch	Pct Ch		
CONSOL	0	9/30/2011	5,818	5,740				
	1	9/30/2012	5,435	5,680	(61)	-1.1%		
	2	9/30/2013	4,965	5,403	(277)	-4.9%		
	3	9/30/2014	5,192	5,196	(207)	-3.8%		
	4	9/30/2015	5,212	5,125	(71)	-1.4%		
	5	9/30/2016	5,102	5,168	43	0.8%		
	6	9/30/2017	5,128	5,147	(21)	-0.4%		
	7	9/30/2018	5,024	5,084	(62)	-1.2%		
	8	9/30/2019	5,058	5,070	(14)	-0.3%	CAGR	-1.54%

	Actual Conservation Trend (8 Yr)	Years (3 Yr Avg to TYE)	Conservation Normalization Factor
ANC Water	-1.38%	1.5	-2.07%
Brookwood	-2.24%	1.5	-3.36%
Fairways Water	-1.60%	1.5	-2.40%

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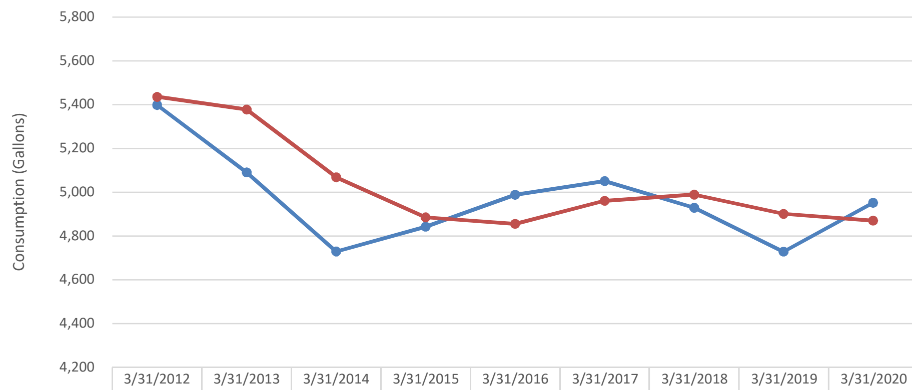
Entitity	Year	TY Ended	TY Avg	3 Yr Avg	3Yr Ch	Pct Ch		Values
ANC	0	3/31/2012	5,398	5,436				
	1	3/31/2013	5,091	5,378	(58)	-1.07%		
	2	3/31/2014	4,729	5,068	(310)	-5.76%		
	3	3/31/2015	4,842	4,885	(183)	-3.61%		
	4	3/31/2016	4,988	4,855	(30)	-0.61%		
	5	3/31/2017	5,051	4,961	106	2.18%		
	6	3/31/2018	4,929	4,989	28	0.56%		
	7	3/31/2019	4,728	4,901	(88)	-1.76%		
	8	3/31/2020	4,952	4,870	(31)	-0.63%	CAGR	-1.36%
BW	0	3/31/2012	6,053	6,128				
	1	3/31/2013	5,785	6,045	(83)	-1.4%		
	2	3/31/2014	5,691	5,844	(201)	-3.3%		
	3	3/31/2015	5,619	5,699	(145)	-2.5%		
	4	3/31/2016	5,437	5,582	(117)	-2.1%		
	5	3/31/2017	5,395	5,484	(98)	-1.8%		
	6	3/31/2018	5,201	5,345	(139)	-2.5%		
	7	3/31/2019	5,114	5,237	(108)	-2.0%		
	8	3/31/2020	4,936	5,083	(154)	-2.9%	CAGR	-2.31%
FW	0	3/31/2012	8,281	8,097				
	1	3/31/2013	7,741	8,109	12	0.1%		
	2	3/31/2014	6,771	7,582	(527)	-6.5%		
	3	3/31/2015	6,864	7,114	(468)	-6.2%		
	4	3/31/2016	6,850	6,829	(285)	-4.0%		
	5	3/31/2017	7,253	6,994	165	2.4%		
	6	3/31/2018	6,866	6,989	(5)	-0.1%		
	7	3/31/2019	6,552	6,877	(112)	-1.6%		
	8	3/31/2020	7,956	7,139	262	3.8%	CAGR	-1.56%

		TY Ended	TY Avg	3 Yr Avg	3Yr Ch	Pct Ch		
CONSOL	0	3/31/2012	5,664	5,699				
	1	3/31/2013	5,352	5,639	(60)	-1.1%		
	2	3/31/2014	5,008	5,338	(301)	-5.3%		
	3	3/31/2015	5,085	5,146	(192)	-3.6%		
	4	3/31/2016	5,164	5,087	(59)	-1.1%		
	5	3/31/2017	5,228	5,160	73	1.4%		
	6	3/31/2018	5,083	5,158	(2)	0.0%		
	7	3/31/2019	4,900	5,069	(89)	-1.7%		
	8	3/31/2020	5,126	5,036	(33)	-0.7%	CAGR	-1.53%

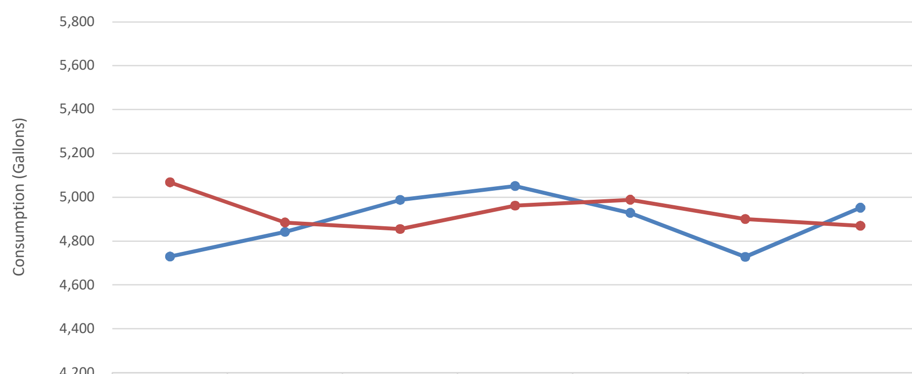
	Actual Conservation Trend (8 Yr)	Years (3 Yr Avg to TYE)	Conservation Normalization Factor
ANC Water	-1.36%	1.5	-2.05%
Brookwood	-2.31%	1.5	-3.46%
Fairways Water	-1.56%	1.5	-2.34%

ANC Water - TY Avg and 3 Yr Avg vs. Time (2012-2020)



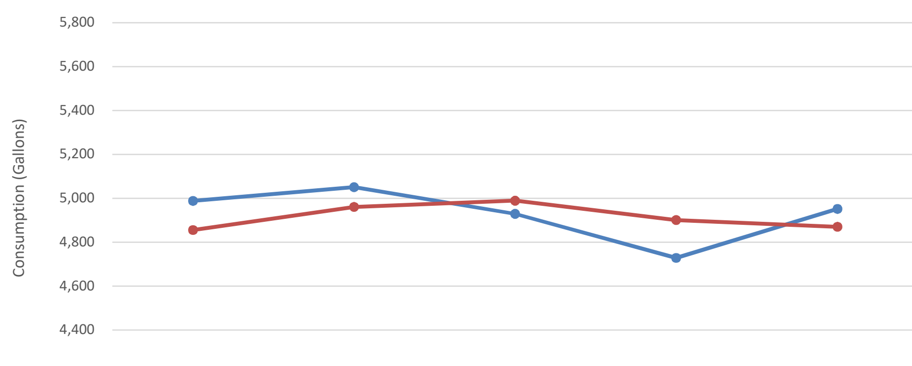
	3/31/2012 0	3/31/2013 1	3/31/2014 2	3/31/2015 3	3/31/2016 4	3/31/2017 5	3/31/2018 6	3/31/2019 7	3/31/2020 8
TY Avg	5,398	5,091	4,729	4,842	4,988	5,051	4,929	4,728	4,952
3 Yr Avg	5,436	5,378	5,068	4,885	4,855	4,961	4,989	4,901	4,870

ANC Water - TY Avg and 3 Yr Avg vs. Time (2014-2020)



	3/31/2014 2	3/31/2015 3	3/31/2016 4	3/31/2017 5	3/31/2018 6	3/31/2019 7	3/31/2020 8
TY Avg	4,729	4,842	4,988	5,051	4,929	4,728	4,952
3 Yr Avg	5,068	4,885	4,855	4,961	4,989	4,901	4,870

ANC Water - TY Avg and 3 Yr Avg vs. Time (2016-2020)



	3/31/2016 4	3/31/2017 5	3/31/2018 6	3/31/2019 7	3/31/2020 8
TY Avg	4,988	5,051	4,929	4,728	4,952
3 Yr Avg	4,855	4,961	4,989	4,901	4,870

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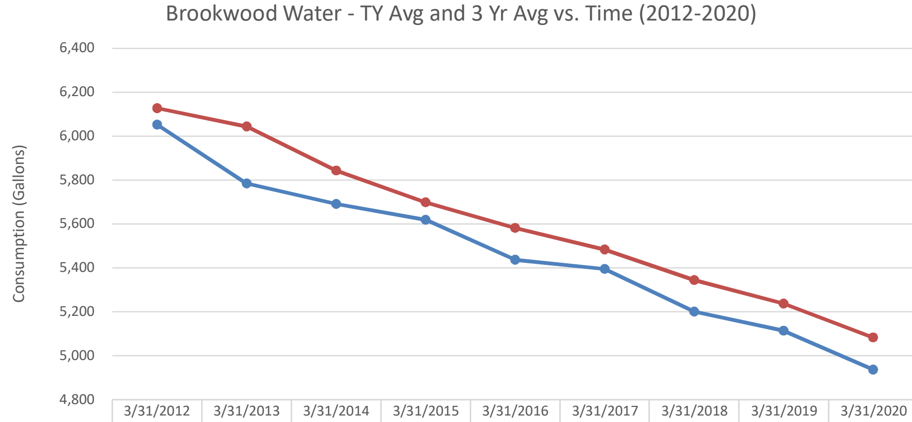
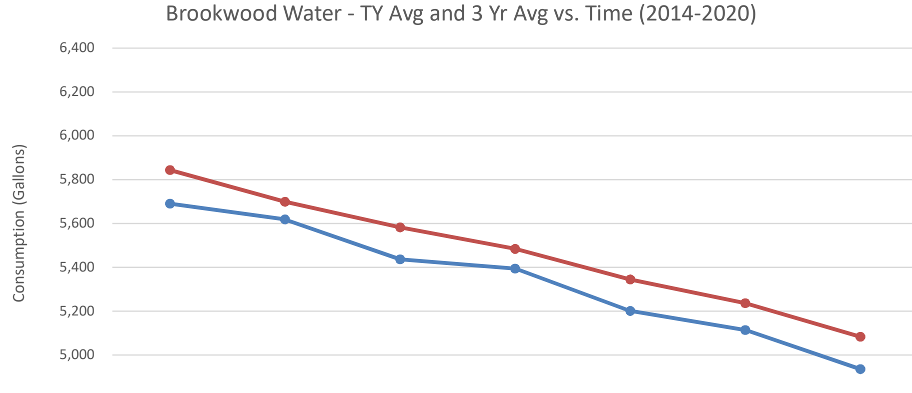
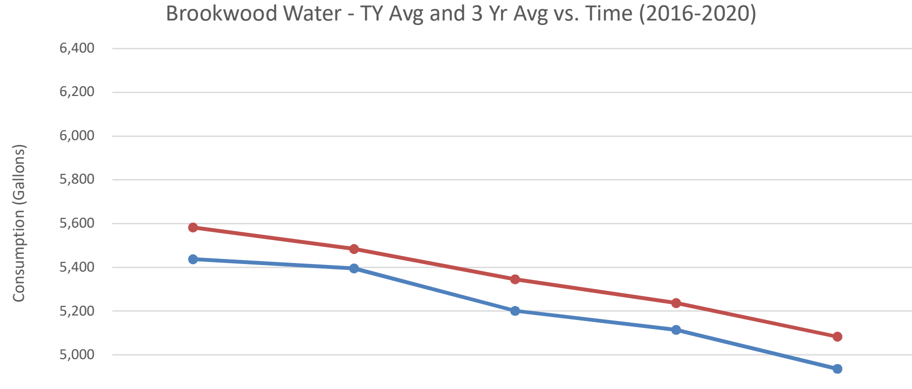


	3/31/2012 0	3/31/2013 1	3/31/2014 2	3/31/2015 3	3/31/2016 4	3/31/2017 5	3/31/2018 6	3/31/2019 7	3/31/2020 8
TY Avg	6,053	5,785	5,691	5,619	5,437	5,395	5,201	5,114	4,936
3 Yr Avg	6,128	6,045	5,844	5,699	5,582	5,484	5,345	5,237	5,083



	3/31/2014 2	3/31/2015 3	3/31/2016 4	3/31/2017 5	3/31/2018 6	3/31/2019 7	3/31/2020 8
TY Avg	5,691	5,619	5,437	5,395	5,201	5,114	4,936
3 Yr Avg	5,844	5,699	5,582	5,484	5,345	5,237	5,083



	3/31/2016 4	3/31/2017 5	3/31/2018 6	3/31/2019 7	3/31/2020 8
TY Avg	5,437	5,395	5,201	5,114	4,936
3 Yr Avg	5,582	5,484	5,345	5,237	5,083

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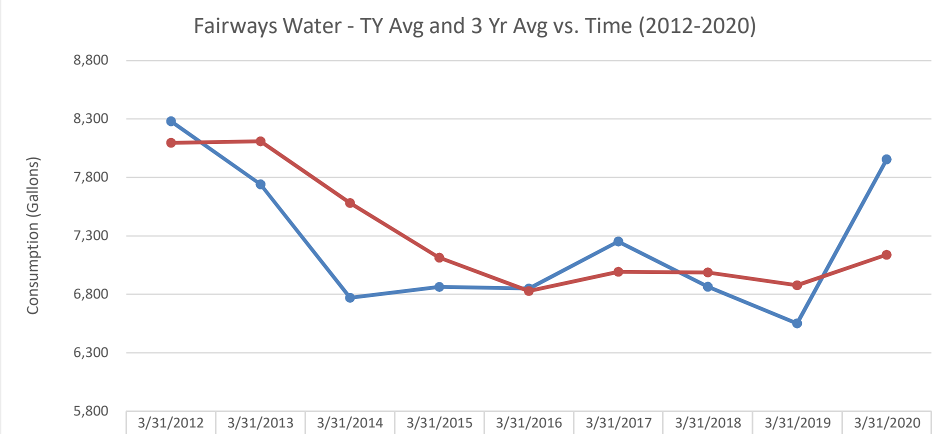
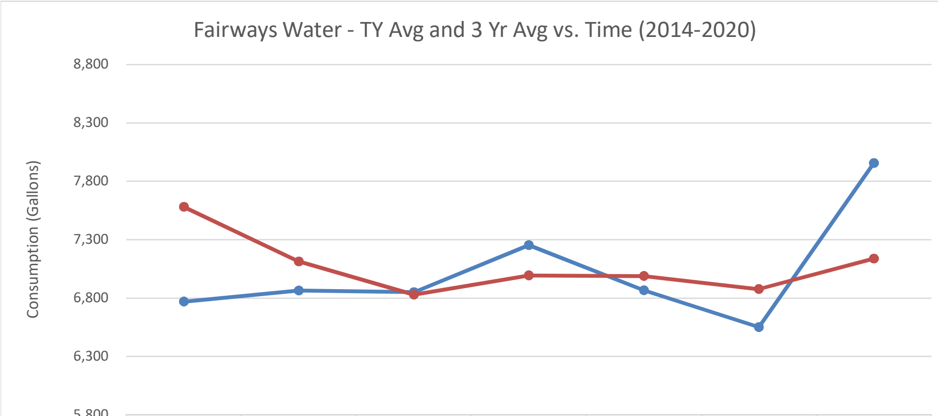
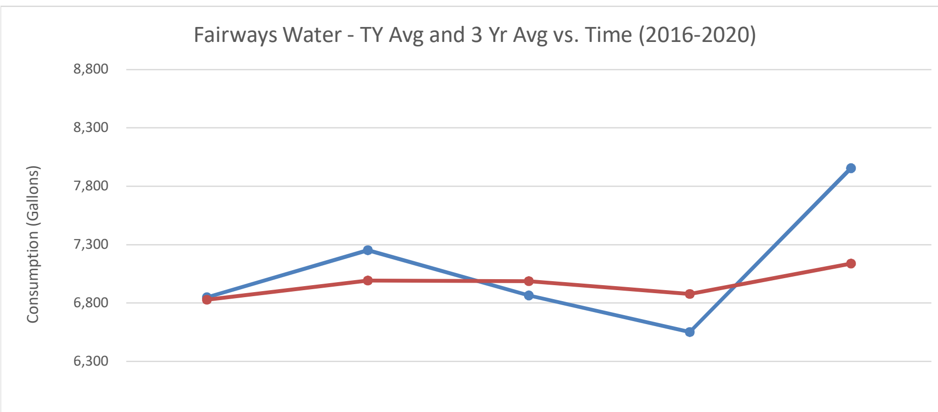


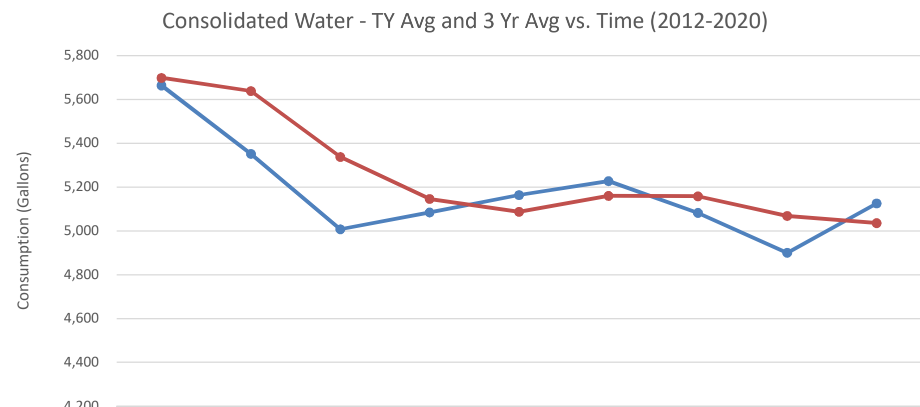
	3/31/2012 0	3/31/2013 1	3/31/2014 2	3/31/2015 3	3/31/2016 4	3/31/2017 5	3/31/2018 6	3/31/2019 7	3/31/2020 8
TY Avg	8,281	7,741	6,771	6,864	6,850	7,253	6,866	6,552	7,956
3 Yr Avg	8,097	8,109	7,582	7,114	6,829	6,994	6,989	6,877	7,139



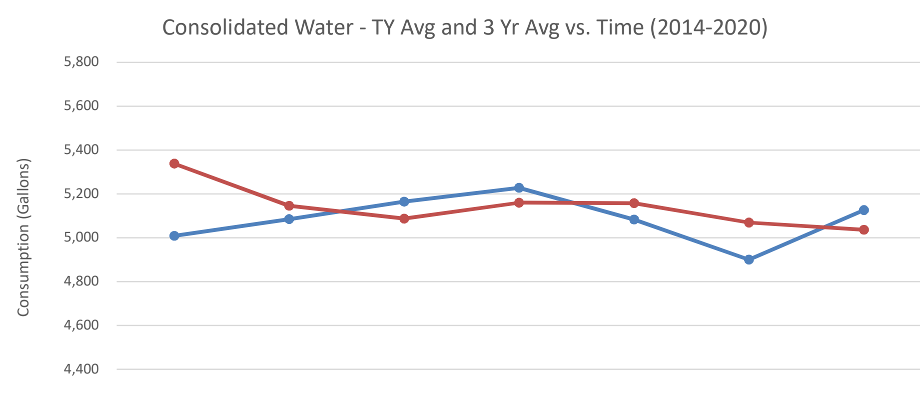
	3/31/2014 2	3/31/2015 3	3/31/2016 4	3/31/2017 5	3/31/2018 6	3/31/2019 7	3/31/2020 8
TY Avg	6,771	6,864	6,850	7,253	6,866	6,552	7,956
3 Yr Avg	7,582	7,114	6,829	6,994	6,989	6,877	7,139



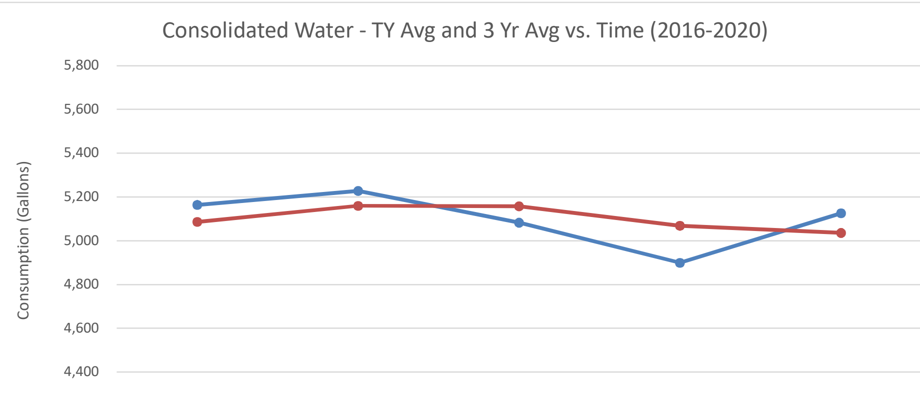
	3/31/2016 4	3/31/2017 5	3/31/2018 6	3/31/2019 7	3/31/2020 8
TY Avg	6,850	7,253	6,866	6,552	7,956
3 Yr Avg	6,829	6,994	6,989	6,877	7,139



	3/31/2012 0	3/31/2013 1	3/31/2014 2	3/31/2015 3	3/31/2016 4	3/31/2017 5	3/31/2018 6	3/31/2019 7	3/31/2020 8
TY Avg	5,664	5,352	5,008	5,085	5,164	5,228	5,083	4,900	5,126
3 Yr Avg	5,699	5,639	5,338	5,146	5,087	5,160	5,158	5,069	5,036



	3/31/2014 2	3/31/2015 3	3/31/2016 4	3/31/2017 5	3/31/2018 6	3/31/2019 7	3/31/2020 8
TY Avg	5,008	5,085	5,164	5,228	5,083	4,900	5,126
3 Yr Avg	5,338	5,146	5,087	5,160	5,158	5,069	5,036



	3/31/2016 4	3/31/2017 5	3/31/2018 6	3/31/2019 7	3/31/2020 8
TY Avg	5,164	5,228	5,083	4,900	5,126
3 Yr Avg	5,087	5,160	5,158	5,069	5,036

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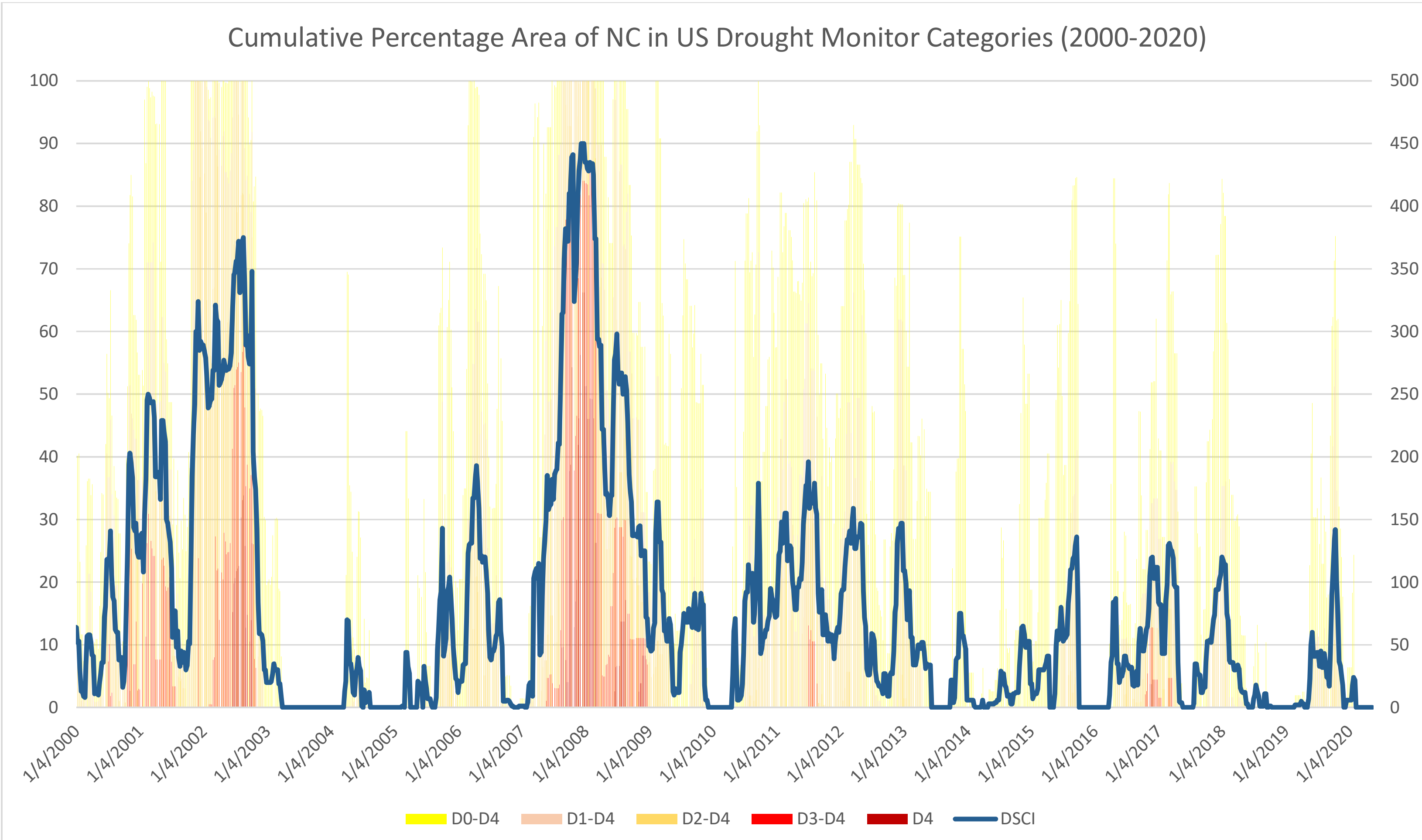

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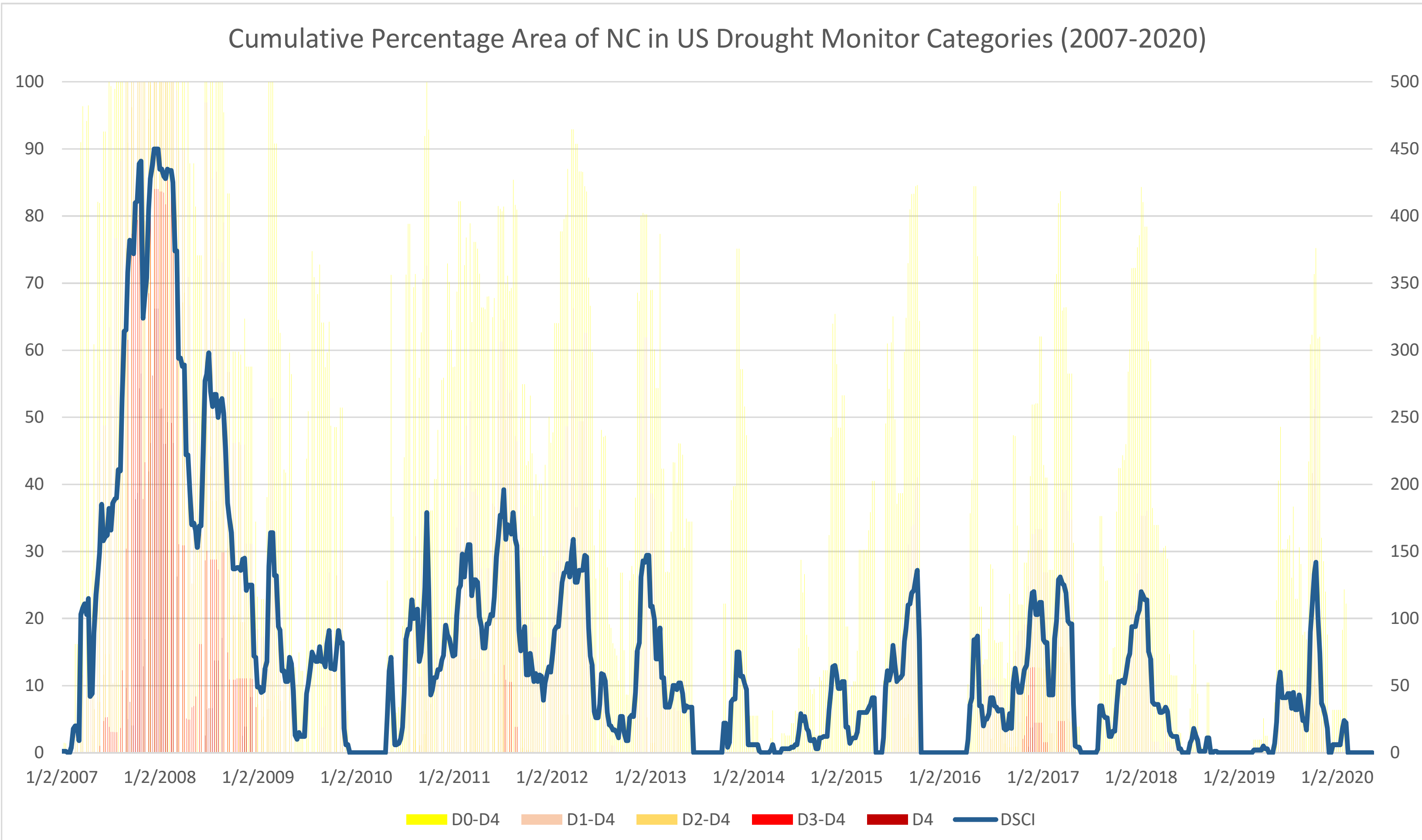

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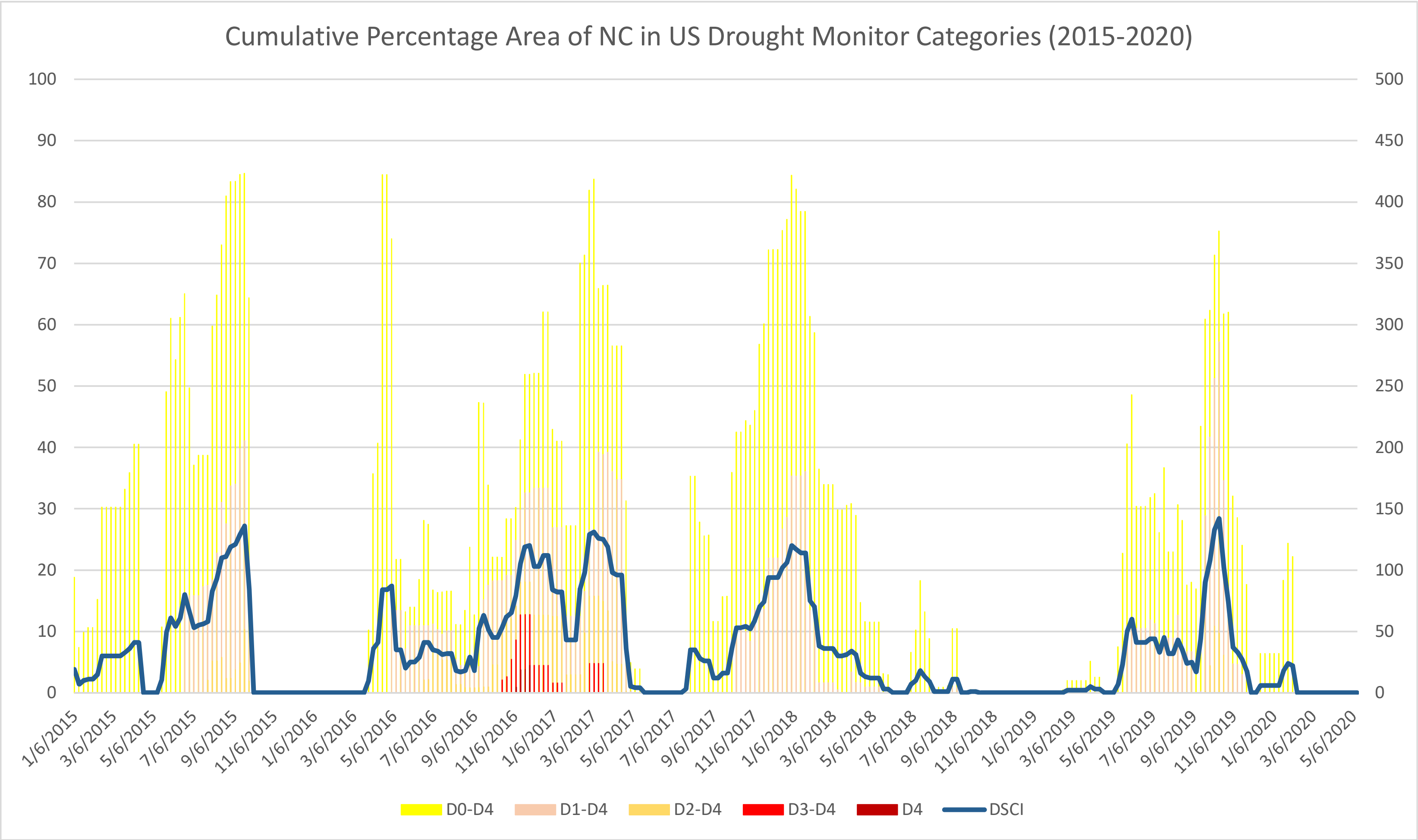

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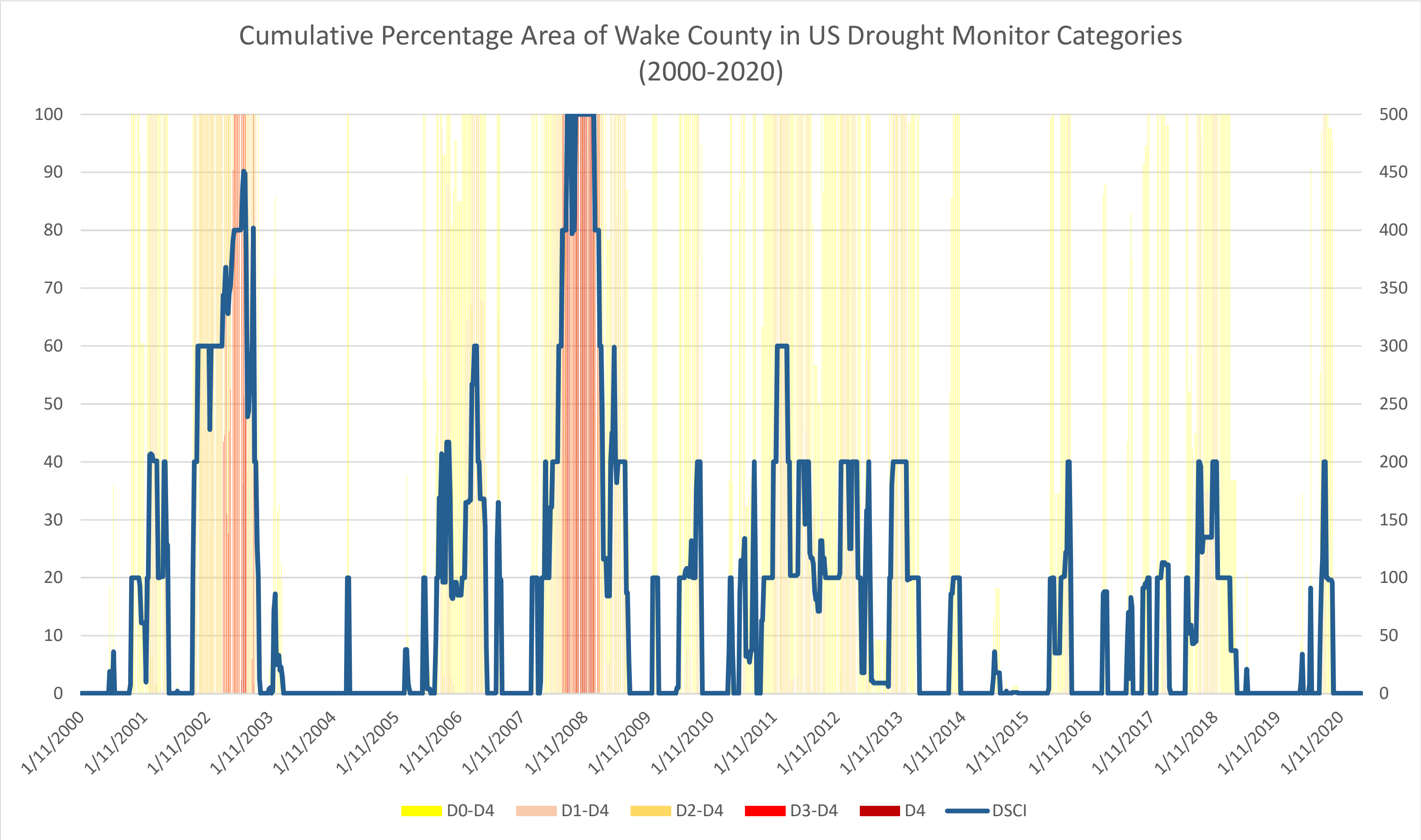

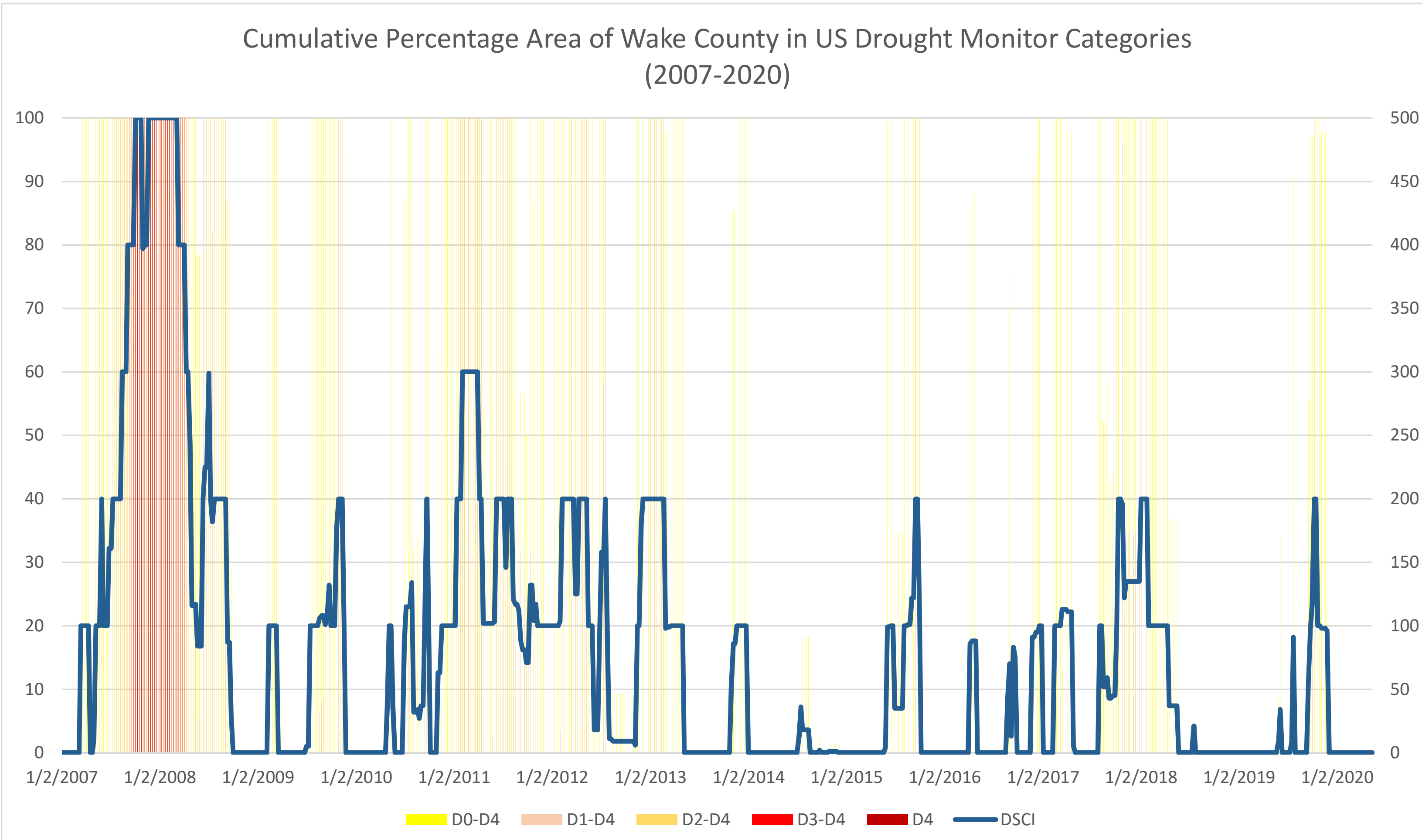
Cumulative Percentage Area of Wake County in US Drought Monitor Categories
(2007-2020)
100
90
80
70
60
50
40
30
20
10
0
500
450
400
350
300
250
200
150
100
50
0
1/2/2007
1/2/2008
1/2/2009
1/2/2010
1/2/2011
1/2/2012
1/2/2013
1/2/2014
1/2/2015
1/2/2016
1/2/2017
1/2/2018
1/2/2019
1/2/2020
D0-D4
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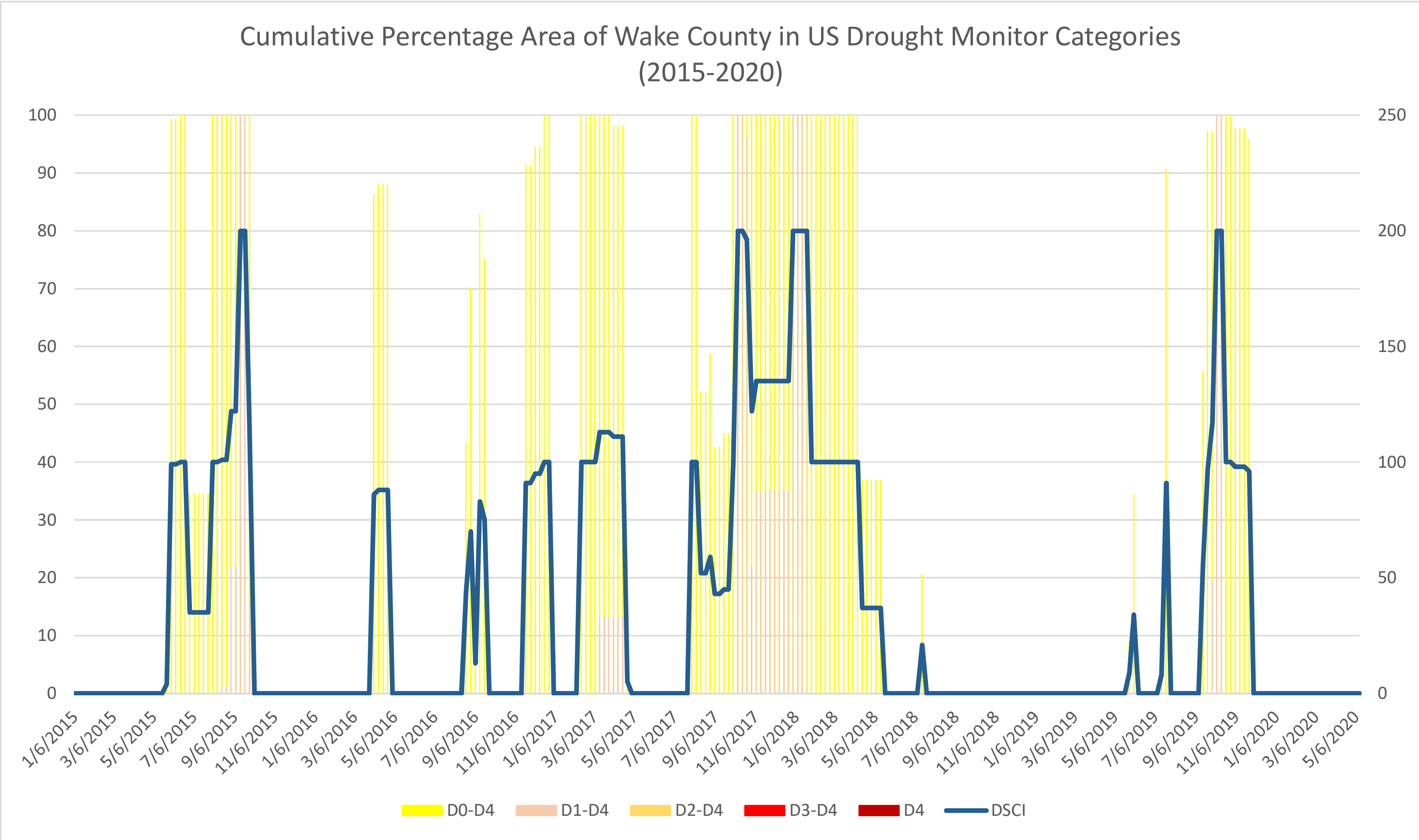

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Public Staff
Junis Exhibit 5

Aqua North Carolina, Inc.
Docket W-218 Sub 526
Aqua North Carolina, Inc. Water
Billing Analysis - Revenue, Water
Test Year Revenue at Present Rates, Total Period Volumes
Test Year Ending Mar 31, 2020

EXHIBIT Hw
Test Year updated 6 months

Col #	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
						Pro Forma at Presnt Rates			Intermediate Calcs Before Repression			After Repression		
Line No.	Class/Meter Size	Test Yr Units	Wghtd Test Year Rate	Test Year Revenue	Normlzd TY Units	ProFrma Prsnt Units	Rate Prior to Filing	PF Rev at Rate Prior	ProFrma Intrmt Prpsd Units	Intrm Prpsd Rate	PF Rev at Intrm Rate	ProFrma Prpsd Units	Proposed Rate	PF Rev at Proposed
1	**All Measured Bills**													
2	ANC Main Non-Tier													
3	<1"	655,706	$ 19.32	$ 12,668,117	661,004	661,004	$ 19.25	$ 12,724,327	661,004	$ 21.57	$ 14,257,856	661,004	$ 21.57	$ 14,257,856
4	1"	3,801	51.65	196,322	3,816	3,816	48.13	183,664	3,816	53.93	205,797	3,816	53.93	205,797
5	1.5"	220	128.63	28,298	228	228	96.25	21,945	228	107.85	24,590	228	107.85	24,590
6	2"	551	170.77	94,094	552	552	154.00	85,008	552	172.56	95,253	552	172.56	95,253
7	3"	24	288.75	6,930	24	24	288.75	6,930	24	323.55	7,765	24	323.55	7,765
8	4"	72	481.25	34,650	72	72	481.25	34,650	72	539.25	38,826	72	539.25	38,826
9	6"	12	962.50	11,550	12	12	962.50	11,550	12	1,078.50	12,942	12	1,078.50	12,942
10	Prpsd Tier <1"	81,173	19.25	1,562,580	81,504	81,504	19.25	1,568,952	81,504	21.57	1,758,041	81,504	21.57	1,758,041
11	Prpsd Tier 1"	464	48.13	22,332	468	468	48.13	22,525	468	53.93	25,239	468	53.93	25,239
12	Clear Meadow <1"	734	19.25	14,130	720	720	19.25	13,860	720	21.57	15,530	720	21.57	15,530
13	Timberlake etc <1"	1,361	19.25	26,199	1,368	1,368	19.25	26,334	1,368	21.57	29,508	1,368	21.57	29,508
14	Wimbledon, etc <1"	1,020	19.25	19,635	1,020	1,020	19.25	19,635	1,020	21.57	22,001	1,020	21.57	22,001
15		745,138		$ 14,684,837	750,788	750,788		$ 14,719,380	750,788		$ 16,493,349	750,788		$ 16,493,349
16														
17	**Residential & Commercial Unmeasured Bills**													
18	Flat Rate Res	2,313	$ 39.66	$ 91,734	2,304	2,304	$ 39.66	$ 91,377	2,304	$ 48.77	$ 112,366	2,304	$ 48.77	$ 112,366
19	FR Com billed Res	84	39.66	3,331	84	84	39.66	3,331	84	48.77	4,097	84	48.77	4,097
20	Flat Rate Com	48	67.42	3,236	48	48	67.42	3,236	48	74.37	3,570	48	74.37	3,570
21	Flat Rate Total	2,445		$ 98,301	2,436	2,436		$ 97,944	2,436		$ 120,033	2,436		$ 120,033
22														
23	**Gallonage (kGals)**													
24	**Aqua Provided Water**													
25	Main Non-Tier	2,726,574	$ 5.83	$ 15,895,925	2,738,082	2,691,809	$ 5.83	$ 15,693,244	2,691,809	$ 6.80	$ 18,304,299	2,691,809	$ 6.80	$ 18,304,299
26	Tier Block 1	602,584	5.83	3,513,065	605,294	595,065	5.83	3,469,228	268,587	4.65	1,248,929	268,587	4.65	1,248,929
27	Tier Block 2	(all Tier area data at Present Rates are shown in Block 1)							113,500	6.98	792,230	113,500	6.98	792,230
28	Tier Block 3								84,852	10.46	887,554	83,706	10.46	875,563
29	Tier Block 4								118,664	13.95	1,655,368	79,352	13.95	1,106,956
30	Clear Meadow	2,718	5.83	15,844	2,666	2,621	5.83	15,279	2,621	6.80	17,822	2,621	6.80	17,822
31	Timberlake, etc	4,812	5.83	28,052	4,836	4,755	5.83	27,720	4,755	6.80	32,332	4,755	6.80	32,332
32	Wimbledon, etc	3,983	5.83	23,221	3,983	3,916	5.83	22,828	3,916	6.80	26,627	3,916	6.80	26,627
33	Aqua Subtot	3,340,670	$ 5.83	$ 19,476,107	3,354,862	3,298,165	$ 5.83	$ 19,228,300	3,288,703	6.98	$ 22,965,160	3,248,244	$ 6.79	$ 22,404,757

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Aqua North Carolina, Inc.
Docket W-218 Sub 526
Aqua North Carolina, Inc. Water
Billing Analysis - Revenue, Water
Test Year Revenue at Present Rates, Total Period Volumes
Test Year Ending Mar 31, 2020

EXHIBIT Hw
Test Year updated 6 months

Col #	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
						Pro Forma at Presnt Rates			Intermediate Calcs Before Repression			After Repression		
Line No.	Class/Meter Size	Test Yr Units	Wghtd Test Year Rate	Test Year Revenue	Normlzd TY Units	ProFrma Prsnt Units	Rate Prior to Filing	PF Rev at Rate Prior	ProFrma Intrmt Prpsd Units	Intrm Prpsd Rate	PF Rev at Intrm Rate	ProFrma Prpsd Units	Proposed Rate	PF Rev at Proposed
34	**Purchased Water**													
35	**Provider**													
36	ChthmCnty-	10,514	$ 7.04	$ 74,016	10,551	10,373	$ 7.04	$ 73,026	10,373	$ 7.04	$ 73,026	10,373	$ 7.04	$ 73,026
37	ChthmCntyCPP	8,441	10.01	84,496	8,380	8,238	10.01	82,465	8,238	10.01	82,465	8,238	10.01	82,465
38	CtyAshvll	999	4.26	4,256	1,012	994	4.26	4,237	994	4.26	4,237	994	4.26	4,237
39	CtyBlmnt	3,911	14.40	56,316	3,911	3,845	14.40	55,364	3,845	14.40	55,364	3,845	14.40	55,364
40	CtyChrltt	32,013	2.00	64,119	32,021	31,480	1.81	56,979	31,480	1.81	56,979	31,480	1.81	56,979
41	CtyCncrd	1,927	5.11	9,845	1,923	1,891	5.11	9,662	1,891	5.11	9,662	1,891	5.11	9,662
42	CtyHckry(in)	3,225	2.83	9,127	3,290	3,235	2.83	9,154	3,235	2.83	9,154	3,235	2.83	9,154
43	CtyHckry(out)	583	5.04	2,939	592	582	5.04	2,933	582	5.04	2,933	582	5.04	2,933
44	CtyHndrsnv	9,187	3.06	28,113	9,399	9,240	3.06	28,274	9,240	3.06	28,274	9,240	3.06	28,274
45	CtyLnclntn	5,759	7.70	44,340	5,744	5,647	7.70	43,482	5,647	7.70	43,482	5,647	7.70	43,482
46	CtyMrgntn	5,347	2.52	13,475	5,351	5,260	2.52	13,256	5,260	2.52	13,256	5,260	2.52	13,256
47	CtyMtAiry	4,108	7.15	29,371	4,097	4,028	7.15	28,797	4,028	7.15	28,797	4,028	7.15	28,797
48	CtyNwtn	779	2.85	2,219	779	765	2.85	2,182	765	2.85	2,182	765	2.85	2,182
49	DvdsnWtr	6,019	5.30	31,899	6,073	5,971	5.30	31,645	5,971	5.30	31,645	5,971	5.30	31,645
50	HrnttCnty	37,288	2.84	105,887	37,784	37,145	2.77	102,893	37,145	2.77	102,893	37,145	2.77	102,893
51	IredllWtr	1,114	2.72	3,030	1,141	1,122	2.72	3,052	1,122	2.72	3,052	1,122	2.72	3,052
52	JhnstnCnty	191,705	2.60	497,569	204,765	201,304	2.70	543,522	201,304	2.70	543,522	201,304	2.70	543,522
53	TwnFqy-Vrna	3,038	4.35	13,217	3,086	3,034	4.35	13,198	3,034	4.35	13,198	3,034	4.35	13,198
54	TwnFrstCty	1,917	5.95	11,407	1,917	1,885	5.95	11,214	1,885	5.95	11,214	1,885	5.95	11,214
55	TwnPttsbro	30,455	13.69	416,923	31,345	30,815	13.69	421,859	30,815	13.69	421,859	30,815	13.69	421,859
56	TwnSprcPn	1,919	4.93	9,459	1,906	1,874	4.93	9,240	1,874	4.93	9,240	1,874	4.93	9,240
57	Purchased Subtot	360,246	$ 4.20	$ 1,512,025	375,067	368,729	$ 4.19	$ 1,546,431	368,729	$ 4.19	$ 1,546,431	368,729	$ 4.19	$ 1,546,431
58	Billed Usage Total	3,700,916	$ 5.67	$ 20,988,132	3,729,929	3,666,893	$ 5.67	$ 20,774,731	3,657,432	$ 6.70	$ 24,511,591	3,616,973	$ 6.53	$ 23,951,188
59												kGals Repressed @ 3.0%		
60												40,459		
61	**Total Service Revenue**			$ 35,771,270				$ 35,592,056			$ 41,124,973			$ 40,564,570
62	**Availability**	2,024	$ 5.00	10,120	2,004	2,004	$ 5.00	$ 10,020	2,004	$ 5.00	$ 10,020	2,004	$ 5.00	$ 10,020
63	**SIC Revenue**			416,602				957,426			0			0
64														
65														
66	**Total Billed Revenue Calc'd**			$ 36,197,993				$ 36,559,502			$ 41,134,993			$ 40,574,590
67	Public Staff distributed the pro forma consumption based on an average of the Company's calculated tiered usage ending September 2019 and March 2020. See Junis Exhibit 6.													

Public Staff
Junis Exhibit 6

ANC Water Tiered Consumption
3YE 2019 09

	ProFrma Prsnt Units	ProFrma Intrm Prpsd Units	% of Prsnt Units	ProFrma Prpsd Units	% of Intrm Prpsd Units
Main Non-Tier	2,688,939	2,688,939		2,688,939	
Tier Block 1	562,364	260,924	46.4%	260,924	46.4%
Tier Block 2		111,167	19.8%	111,167	19.8%
Tier Block 3		79,220	14.1%	78,158	13.9%
Tier Block 4		110,668	19.7%	73,774	13.1%
Tier Total		561,979		524,022	
Grand Total	3,251,303	3,250,918	100%	3,212,961	93%
Difference		(385)		(37,956)	

3YE 2020 03

	ProFrma Prsnt Units	ProFrma Intrm Prpsd Units	% of Prsnt Units	ProFrma Prpsd Units	% of Intrm Prpsd Units
Main Non-Tier	2,635,774	2,635,774		2,635,774	
Tier Block 1	582,898	255,740	43.9%	255,740	43.9%
Tier Block 2		107,133	18.4%	107,133	18.4%
Tier Block 3		84,122	14.4%	82,977	14.2%
Tier Block 4		117,767	20.2%	78,991	13.6%
Tier Total		564,762		524,841	
Grand Total	3,218,672	3,200,535	97%	3,160,614	90%
Difference		(18,137)		(39,921)	

Public Staff Pro Forma
3YE 2020 03

	ProFrma Prsnt Units	ProFrma Intrm Prpsd Units	% of Prsnt Units	ProFrma Prpsd Units	% of Intrm Prpsd Units
Main Non-Tier	2,691,809	2,691,809		2,691,809	
Tier Block 1	595,065	268,587	45.1%	268,587	45.1%
Tier Block 2		113,500	19.1%	113,500	19.1%
Tier Block 3		84,852	14.3%	83,706	14.1%
Tier Block 4		118,664	19.9%	79,352	13.3%
Tier Total		585,603		545,144	
Grand Total	3,286,873	3,277,412	98%	3,236,953	92%
Difference		(9,461)		(40,459)	

Aqua North Carolina, Inc.
Docket W-218 Sub 526
Aqua North Carolina, Inc. Water
Billing Analysis - Revenue, Water
Test Year Revenue at Present Rates, Total Period Volumes
Test Year Ending Mar 31, 2020

EXHIBIT Hw
Test Year updated 6 months

Col #	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
						Pro Forma at Presnt Rates			Pro Forma at PS Recommended Rates		
Line No.	Class/Meter Size	Test Yr Units	Wghtd Test Year Rate	Test Year Revenue	Normlzd TY Units	ProFrma Prsnt Units	Rate Prior to Filing	PF Rev at Rate Prior	ProFrma Reco Units	PS Reco Rate	PF Rev at Reco Rate
1	**All Measured Bills**										
2	ANC Main Non-Tier										
3	<1"	655,706	$ 19.32	$ 12,668,117	661,004	661,004	$ 19.25	$ 12,724,327	661,004	$ 14.50	$ 9,584,558
4	1"	3,801	51.65	196,322	3,816	3,816	48.13	183,664	3,816	36.25	138,330
5	1.5"	220	128.63	28,298	228	228	96.25	21,945	228	72.50	16,530
6	2"	551	170.77	94,094	552	552	154.00	85,008	552	116.00	64,032
7	3"	24	288.75	6,930	24	24	288.75	6,930	24	217.50	5,220
8	4"	72	481.25	34,650	72	72	481.25	34,650	72	362.50	26,100
9	6"	12	962.50	11,550	12	12	962.50	11,550	12	725.00	8,700
10	Prpsd Tier <1"	81,173	19.25	1,562,580	81,504	81,504	19.25	1,568,952	81,504	14.50	1,181,808
11	Prpsd Tier 1"	464	48.13	22,332	468	468	48.13	22,525	468	36.25	16,965
12	Clear Meadow <1"	734	19.25	14,130	720	720	19.25	13,860	720	14.50	10,440
13	Timberlake etc <1"	1,361	19.25	26,199	1,368	1,368	19.25	26,334	1,368	14.50	19,836
14	Wimbledon, etc <1"	1,020	19.25	19,635	1,020	1,020	19.25	19,635	1,020	14.50	14,790
15		745,138		$ 14,684,837	750,788	750,788		$ 14,719,380	750,788		$ 11,087,309
16											
17	**Residential & Commercial Unmeasured Bills**										
18	Flat Rate Res	2,313	$ 39.66	$ 91,734	2,304	2,304	$ 39.66	$ 91,377	2,304	$ 43.82	$ 100,961
19	FR Com billed Res	84	39.66	3,331	84	84	39.66	3,331	84	43.82	3,681
20	Flat Rate Com	48	67.42	3,236	48	48	67.42	3,236	48	72.56	3,483
21	Flat Rate Total	2,445		$ 98,301	2,436	2,436		$ 97,944	2,436		$ 108,125
22											
23	**Gallonage (kGals)**										
24	**Aqua Provided Water**										
25	Main Non-Tier	2,726,574	$ 5.83	$ 15,895,925	2,738,082	2,691,809	$ 5.83	$ 15,693,244	2,691,809	$ 7.33	$ 19,730,957
26	Tier Block 1	602,584	5.83	3,513,065	605,294	595,065	5.83	3,469,228	595,065	7.33	4,361,825
27	Tier Block 2	(all Tier area data at Present Rates are shown in Block 1)									
28	Tier Block 3										
29	Tier Block 4										
30	Clear Meadow	2,718	5.83	15,844	2,666	2,621	5.83	15,279	2,621	7.33	19,211
31	Timberlake, etc	4,812	5.83	28,052	4,836	4,755	5.83	27,720	4,755	7.33	34,852
32	Wimbledon, etc	3,983	5.83	23,221	3,983	3,916	5.83	22,828	3,916	7.33	28,702
33	Aqua Subtot	3,340,670	$ 5.83	$ 19,476,107	3,354,862	3,298,165	$ 5.83	$ 19,228,300	3,298,165	7.33	$ 24,175,547

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Aqua North Carolina, Inc.
Docket W-218 Sub 526
Aqua North Carolina, Inc. Water
Billing Analysis - Revenue, Water
Test Year Revenue at Present Rates, Total Period Volumes
Test Year Ending Mar 31, 2020

EXHIBIT Hw
Test Year updated 6 months

Col #	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
						Pro Forma at Presnt Rates			Pro Forma at PS Recommended Rates		
Line No.	Class/Meter Size	Test Yr Units	Wghtd Test Year Rate	Test Year Revenue	Normlzd TY Units	ProFrma Prsnt Units	Rate Prior to Filing	PF Rev at Rate Prior	ProFrma Reco Units	PS Reco Rate	PF Rev at Reco Rate
34	**Purchased Water**										
35	**Provider**										
36	ChthmCnty-	10,514	$ 7.04	$ 74,016	10,551	10,373	$ 7.04	$ 73,026	10,373	$ 7.04	$ 73,026
37	ChthmCntyCPP	8,441	10.01	84,496	8,380	8,238	10.01	82,465	8,238	9.98	82,218
38	CtyAshvll	999	4.26	4,256	1,012	994	4.26	4,237	994	4.96	4,933
39	CtyBlmnt	3,911	14.40	56,316	3,911	3,845	14.40	55,364	3,845	14.40	55,364
40	CtyChrltt	32,013	2.00	64,119	32,021	31,480	1.81	56,979	31,480	2.19	68,942
41	CtyCncrd	1,927	5.11	9,845	1,923	1,891	5.11	9,662	1,891	5.42	10,248
42	CtyHckry(in)	3,225	2.83	9,127	3,290	3,235	2.83	9,154	3,235	3.25	10,513
43	CtyHckry(out)	583	5.04	2,939	592	582	5.04	2,933	582	3.25	1,891
44	CtyHndrsnv	9,187	3.06	28,113	9,399	9,240	3.06	28,274	9,240	3.47	32,062
45	CtyLnclntn	5,759	7.70	44,340	5,744	5,647	7.70	43,482	5,647	9.21	52,009
46	CtyMrgntn	5,347	2.52	13,475	5,351	5,260	2.52	13,256	5,260	2.51	13,203
47	CtyMtAiry	4,108	7.15	29,371	4,097	4,028	7.15	28,797	4,028	6.69	26,944
48	CtyNwtn	779	2.85	2,219	779	765	2.85	2,182	765	3.29	2,518
49	DvdsnWtr	6,019	5.30	31,899	6,073	5,971	5.30	31,645	5,971	4.76	28,421
50	HrnttCnty	37,288	2.84	105,887	37,784	37,145	2.77	102,893	37,145	2.78	103,264
51	IredllWtr	1,114	2.72	3,030	1,141	1,122	2.72	3,052	1,122	3.61	4,050
52	JhnstnCnty	191,705	2.60	497,569	204,765	201,304	2.70	543,522	201,304	2.66	535,470
53	TwnFqy-Vrna	3,038	4.35	13,217	3,086	3,034	4.35	13,198	3,034	5.18	15,716
54	TwnFrstCty	1,917	5.95	11,407	1,917	1,885	5.95	11,214	1,885	5.63	10,611
55	TwnPttsbro	30,455	13.69	416,923	31,345	30,815	13.69	421,859	30,815	13.69	421,859
56	TwnSprcPn	1,919	4.93	9,459	1,906	1,874	4.93	9,240	1,874	5.96	11,170
57	Purchased Subtot	360,246	$ 4.20	$ 1,512,025	375,067	368,729	$ 4.19	$ 1,546,431	368,729	$ 4.24	$ 1,564,432
58	Billed Usage Total	3,700,916	$ 5.67	$ 20,988,132	3,729,929	3,666,893	$ 5.67	$ 20,774,731	3,666,893	$ 7.02	$ 25,739,979
59											
60											
61	**Total Service Revenue**			$ 35,771,270				$ 35,592,056			$ 36,935,413
62	**Availability**	2,024	$ 5.00	10,120	2,004	2,004	$ 5.00	$ 10,020	2,004	$ 5.00	$ 10,020
63	**SIC Revenue**			416,602				957,426			0
64											
65											
66	**Total Billed Revenue Calc'd**			$ 36,197,993				$ 36,559,502			$ 36,945,433
67	Public Staff witness Junis determined/calculated an appropirate pass-through of purchased water rates based on the workpapers of witness Darden and grossed-up for the Commission's regulatory fee of 0.13%.										

I / A

Public Staff
Junis Exhibit 8
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Aqua North Carolina, Inc. EXHIBIT Hw

Docket W-218 Sub 526 Test Yr Updated 6 months

Brookwood Water

Billing Analysis - Revenue, Water

Test Year Revenue at Present Rates, Total Period Volumes

Test Year Ending Mar 31, 2020

Col # Line No.	(1) Class/Meter Size	(2) Test Yr Units	(3) Wghtd Test Year Rate	(4) Test Year Revenue	(5) Normlzd TY Units	(6) ProFrma Units	(7) Rate Prior to Filing	(8) PF Rev at Rate Prior	(9) Proposed Rate	(10) PF Rev at Proposed
1	**Residential & Commercial Measured**									
2	**Bills**									
3	<1"	164,985	$ 14.03	$ 2,314,740	165,372	165,372	$ 14.03	$ 2,320,169	$ 16.76	$ 2,771,635
4	1"	650	35.08	22,802	684	684	35.08	23,995	41.90	28,660
5	1.5"	24	70.15	1,684	24	24	70.15	1,684	83.80	2,011
6	2"	348	112.24	39,060	348	348	112.24	39,060	134.08	46,660
7	3"	60	210.45	12,627	60	60	210.45	12,627	251.40	15,084
8	4"	12	350.75	4,209	12	12	350.75	4,209	419.00	5,028
9	6"	0	--	-	0	0	701.50	0	838.00	0
10	8"									
11	Base Total	166,079		$ 2,395,121	166,500	166,500		$ 2,401,743		$ 2,869,077
12										
13										
14	**Residential & Commercial Unmeasured**									
15	Flat Rate Res	0	--	$ -	0	0	$ 33.17	$ -	$ 39.95	$ -
16	Flat Rate Com	0	--	-	0	0	56.39	-	56.69	-
17									1.419	
18	**Class/Meter Size**									
19	**Gallonage (kGals)**									
20	Aqua Water	720,200	$ 3.76	$ 2,707,953	722,329	743,927	$ 3.76	$ 2,797,166	$ 4.89	$ 3,637,804
21	**Purchased Water**									
22	Fayetteville PWC	95,384	2.92	278,522	95,448	98,301	2.92	287,040	2.92	287,040
23	Town of Linden	1,728	4.98	8,604	1,819	1,873	4.98	9,328	4.98	9,328
24	Purchased Subtot	97,112		$ 287,126	97,266	100,174		$ 296,368		$ 296,368
25	Usage Total	817,312		$ 2,995,078	819,596	844,102		$ 3,093,534		$ 3,934,171
26										
27										
28	**Total Service Revenue**			$ 5,390,199				$ 5,495,277		$ 6,803,249
29	**SIC Revenue**		471100	92,638				281,924		0
30										
31										
32	**Total Billed Revenue**			$ 5,482,837				$ 5,777,200		$ 6,803,249

Aqua North Carolina, Inc.
Docket W-218 Sub 526
Brookwood Water
Billing Analysis - Revenue, Water
Test Year Revenue at Present Rates, Total Period Volumes
Test Year Ending Mar 31, 2020

EXHIBIT Hw
Test Yr Updated 6 months

Col # / Line No.	(1) Class/Meter Size	(2) Test Yr Units	(3) Wghtd Test Year Rate	(4) Test Year Revenue	(5) Normlzd TY Units	(6) ProFrma Units	(7) Rate Prior to Filing	(8) PF Rev at Rate Prior	(9) PS Reco Rate	(10) PF Rev at Recommend
1	**Residential & Commercial Measured**									
2	**Bills**									
3	<1"	164,985	$ 14.03	$ 2,314,740	165,372	165,372	$ 14.03	$ 2,320,169	$ 10.18	$ 1,683,487
4	1"	650	35.08	22,802	684	684	35.08	23,995	25.45	17,408
5	1.5"	24	70.15	1,684	24	24	70.15	1,684	50.90	1,222
6	2"	348	112.24	39,060	348	348	112.24	39,060	81.44	28,341
7	3"	60	210.45	12,627	60	60	210.45	12,627	152.70	9,162
8	4"	12	350.75	4,209	12	12	350.75	4,209	254.50	3,054
9	6"	0	--	-	0	0	701.50	0	509.00	0
10	8"									
11	Base Total	166,079		$ 2,395,121	166,500	166,500		$ 2,401,743		$ 1,742,673
12										
13										
14	**Residential & Commercial Unmeasured**									
15	Flat Rate Res	0	--	$ -	0	0	$ 33.17	$ -	$ 34.62	$ -
16	Flat Rate Com	0	--	-	0	0	56.39	-	48.95	-
17									1.414	
18	**Class/Meter Size**									
19	**Gallonage (kGals)**									
20	Aqua Water	720,200	$ 3.76	$ 2,707,953	722,329	743,927	$ 3.76	$ 2,797,166	$ 5.08	$ 3,779,150
21	**Purchased Water**									
22	Fayetteville PWC	95,384	2.92	278,522	95,448	98,301	2.92	287,040	2.92	287,040
23	Town of Linden	1,728	4.98	8,604	1,819	1,873	4.98	9,328	5.23	9,796
24	Purchased Subtot	97,112		$ 287,126	97,266	100,174		$ 296,368		$ 296,836
25	Usage Total	817,312		$ 2,995,078	819,596	844,102		$ 3,093,534		$ 4,075,986
26										
27										
28	**Total Service Revenue**			$ 5,390,199				$ 5,495,277		$ 5,818,659
29	**SIC Revenue**		471100	92,638				281,924		0
30										
31										
32	**Total Billed Revenue**			$ 5,482,837				$ 5,777,200		$ 5,818,659

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Aqua North Carolina, Inc.
Docket W-218 Sub 526
Fairways Water
Billing Analysis - Revenue, Water
Test Year Revenue at Present Rates, Total Period Volumes
Test Year Ending Mar 31, 2020

EXHIBIT Hw
Test Year updated 6 months

Col #	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
						Pro Forma at Presnt Rates			Intermediate Calcs Before Repression			After Repression		
Line No.	Class/Meter Size	Test Yr Units	Wghtd Test Year Rate	Test Year Revenue	Normlzd TY Units	ProFrma Prsnt Units	Rate Prior to Filing	PF Rev at Rate Prior	ProFrma Intrmt Prpsd Units	Intrm Prpsd Rate	PF Rev at Intrm Rate	ProFrma Prpsd Units	Proposed Rate	PF Rev at Proposed
1	**All Measured**													
2	**Bills**													
3	<1"	56,535	$ 8.37	$ 472,950	57,156	57,156	$ 8.36	$ 477,824	57,156	$ 9.10	$ 520,120	57,156	$ 9.10	$ 520,120
4	1"	421	21.40	9,008	468	468	20.90	9,781	468	22.75	10,647	468	22.75	10,647
5	1.5"	45	44.59	2,006	48	48	41.80	2,006	48	45.50	2,184	48	45.50	2,184
6	2"	193	71.39	13,777	204	204	66.88	13,644	204	72.80	14,851	204	72.80	14,851
7	3"	22	136.80	3,010	24	24	125.40	3,010	24	136.50	3,276	24	136.50	3,276
8	4"	0	--	0	0	0	209.00	0	0	227.50	0	0	227.50	0
9	6"	0	--	0	0	0	418.00	0	0	455.00	0	0	455.00	0
10														
11	Base Subtotal	57,216		$ 500,751	57,900	57,900		$ 506,265	57,900		$ 551,078	57,900		$ 551,078
12														
13	**Residential & Commercial Unmeasured**													
14	Flat Rate Res	0		$ -	0	0	$ -	$ -	0	$ 19.35	$ -	0	$ 19.12	$ -
15	Flat Rate Com	0		-	0	0	-	-	0	25.54	-	0	29.34	0
16										1.320			1.535	
17	**Gallonage (kGals)**													
18	Res Block 1	350,374	$ 1.53	$ 536,072	351,969	316,104	$ 1.53	$ 483,638	155,410	$ 0.64	$ 99,463	155,373	$ 0.71	$ 110,315
19	Res Block 2								52,210	1.28	66,829	52,205	1.42	74,131
20	Res Block 3								53,549	2.24	119,950	53,539	2.49	133,311
21	Res Block 4								54,830	3.20	175,456	43,617	3.55	154,840
22	Res SubTotal	350,374		$ 536,072	351,969	316,104		$ 483,638	315,999		$ 461,697	304,734		$ 472,597
23	Irr Block 3	89,764	$ 1.53	$ 137,339	91,518	82,192	$ 1.53	$ 125,754	47,339	2.24	106,039	45,847	2.49	114,160
24	Irr Block 4								34,850	3.20	111,521	24,425	3.55	86,710
25	Irr SubTotal	89,764		$ 137,339	91,518	82,192		$ 125,754	82,189		$ 217,560	70,273		$ 200,870
26	Com	15,980	1.53	24,450	18,586	16,692	1.53	25,538	16,692	1.19	19,863	16,692	1.69	28,209
27	Total	456,118		$ 697,861	462,073	414,988		$ 634,931	414,880		$ 699,120	391,698		$ 701,676
28												kGals Repressed @ 3.0%		
29												23,182		
30	**Total Service Revenue Calc'd**			$ 1,198,612				$ 1,141,196			$ 1,250,197			$ 1,252,754
31	**SIC Revenue**			(1,856)				(2,437)			0			0
32														
33														
34	**Total Billed Revenue Calc'd**			$ 1,196,756				$ 1,138,759			$ 1,250,197			$ 1,252,754
35	Public Staff distributed the pro forma consumption based on an average of the Company's calculated tiered usage ending September 2019 and March 2020. See Junis Exhibits 11 and 12.													

Fairways Water Tiered Consumption
3YE 2019 09

	ProFrma Prsnt Units	ProFrma Intrm Prpsd Units	% of Prsnt Units	ProFrma Prpsd Units	% of Intrm Prpsd Units
Tier Block 1	307,287	152,181	49.5%	152,181	49.5%
Tier Block 2		50,301	16.4%	50,301	16.4%
Tier Block 3		50,964	16.6%	50,964	16.6%
Tier Block 4		53,815	17.5%	42,752	13.9%
Tier Total		307,261		296,199	
Grand Total	307,287	307,261	100%	296,199	96%
Difference		(26)		(11,062)	

3YE 2020 03

	ProFrma Prsnt Units	ProFrma Intrm Prpsd Units	% of Prsnt Units	ProFrma Prpsd Units	% of Intrm Prpsd Units
Tier Block 1	308,552	150,588	48.8%	150,516	48.8%
Tier Block 2		51,417	16.7%	51,407	16.7%
Tier Block 3		53,365	17.3%	53,345	17.3%
Tier Block 4		53,004	17.2%	42,221	13.7%
Tier Total		308,374		297,489	
Grand Total	308,552	308,374	100%	297,489	96%
Difference		(178)		(10,885)	

PS Pro Forma
3YE 2020 03

	ProFrma Prsnt Units	ProFrma Intrm Prpsd Units	% of Prsnt Units	ProFrma Prpsd Units	% of Intrm Prpsd Units
Tier Block 1	316,104	155,410	49.2%	155,373	49.2%
Tier Block 2		52,210	16.5%	52,205	16.5%
Tier Block 3		53,549	16.9%	53,539	16.9%
Tier Block 4		54,830	17.3%	43,617	13.8%
Tier Total		315,999		304,734	
Grand Total	316,104	315,999	100%	304,734	96%
Difference		(105)		(11,265)	

Fairways Water Irrigation Tiered Usage
3YE 2019 09

	ProFrma Prsnt Units	ProFrma Intrm Prpsd Units	% of Prsnt Units	ProFrma Prpsd Units	% of Intrm Prpsd Units
Tier Block 3	81,838	46,783	57.2%	45,345	55.4%
Tier Block 4		35,065	42.8%	24,704	30.2%
Tier Total		81,849		70,049	
Grand Total	81,838	81,849	100%	70,049	86%
Difference		11		(11,800)	

3YE 2020 03

	ProFrma Prsnt Units	ProFrma Intrm Prpsd Units	% of Prsnt Units	ProFrma Prpsd Units	% of Intrm Prpsd Units
Tier Block 3	79,838	46,325	58.0%	44,831	56.2%
Tier Block 4		33,495	42.0%	23,352	29.2%
Tier Total		79,821		68,183	
Grand Total	79,838	79,821	100%	68,183	85%
Difference		(17)		(11,638)	

PS Pro Forma
3YE 2020 03

	ProFrma Prsnt Units	ProFrma Intrm Prpsd Units	% of Prsnt Units	ProFrma Prpsd Units	% of Intrm Prpsd Units
Tier Block 3	82,192	47,339	57.6%	45,847	55.8%
Tier Block 4		34,850	42.4%	24,425	29.7%
Tier Total		82,189		70,273	
Grand Total	82,192	82,189	100%	70,273	85%
Difference		(3)		(11,916)	

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Aqua North Carolina, Inc.
Docket W-218 Sub 526
Fairways Water
Billing Analysis - Revenue, Water
Test Year Revenue at Present Rates, Total Period Volumes
Test Year Ending Mar 31, 2020

EXHIBIT Hw
Test Year updated 6 months

Col #	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
						Pro Forma at Presnt Rates			Pro Forma at PS Recommended Rates		
Line No.	Class/Meter Size	Test Yr Units	Wghtd Test Year Rate	Test Year Revenue	Normlzd TY Units	ProFrma Prsnt Units	Rate Prior to Filing	PF Rev at Rate Prior	ProFrma Reco Units	PS Reco Rate	PF Rev at Reco Rates
1	**All Measured**										
2	**Bills**										
3	<1"	56,535	$ 8.37	$ 472,950	57,156	57,156	$ 8.36	$ 477,824	57,156	$ 5.23	$ 298,926
4	1"	421	21.40	9,008	468	468	20.90	9,781	468	13.08	6,121
5	1.5"	45	44.59	2,006	48	48	41.80	2,006	48	26.15	1,255
6	2"	193	71.39	13,777	204	204	66.88	13,644	204	41.84	8,535
7	3"	22	136.80	3,010	24	24	125.40	3,010	24	78.45	1,883
8	4"	0	--	0	0	0	209.00	0	0	130.75	0
9	6"	0	--	0	0	0	418.00	0	0	261.50	0
10											
11	Base Subtotal	57,216		$ 500,751	57,900	57,900		$ 506,265	57,900		$ 316,721
12											
13	**Residential & Commercial Unmeasured**										
14	Flat Rate Res	0		$ -	0	0	$ -	$ -	0	$ 16.11	$ -
15	Flat Rate Com	0		-	0	0	-	-	0	22.26	-
16										1.382	
17	**Gallonage (kGals)**										
18	Res Block 1	350,374	$ 1.53	$ 536,072	351,969	316,104	$ 1.53	$ 483,638	316,104	$ 1.76	$ 556,342
19	Res Block 2										
20	Res Block 3										
21	Res Block 4										
22	Res SubTotal	350,374		$ 536,072	351,969	316,104		$ 483,638	316,104		$ 556,342
23	Irr Block 3	89,764	$ 1.53	$ 137,339	91,518	82,192	$ 1.53	$ 125,754	82,192	1.76	144,658
24	Irr Block 4										0
25	Irr SubTotal	89,764		$ 137,339	91,518	82,192		$ 125,754	82,192		$ 144,658
26	Com	15,980	1.53	24,450	18,586	16,692	1.53	25,538	16,692	1.76	29,378
27	Total	456,118		$ 697,861	462,073	414,988		$ 634,931	414,988		$ 730,378
28											
29											
30	**Total Service Revenue Calc'd**			$ 1,198,612				$ 1,141,196			$ 1,047,099
31	**SIC Revenue**			(1,856)				(2,437)			0
32											
33											
34	**Total Billed Revenue Calc'd**			$ 1,196,756				$ 1,138,759			$ 1,047,099
35											

I / A

Public Staff
Junis Exhibit 14

Aqua North Carolina, Inc.
Docket W-218 Sub 526
Aqua North Carolina, Inc. Sewer
Billing Analysis - Revenue, Sewer
Test Year Revenue at Present Rates, Total Period Volumes
Test Year Ending Mar 31, 2020

EXHIBIT Hs
Test Yr moved 6 months

Col # Line No.	(1) Class/Meter Size	(2) Test Yr Units	(3) Wghtd Test Year Rate	(4) Test Year Revenue	(5) Normlzd TY Units	(6) ProFrma Prsnt Units	(7) Rate Prior to Filing	(8) PF Rev at Rate Prior	(8) ProFrma Prpsd Units	(9) Proposed Rate	(10) PF Rev at Proposed
1	**ANC Main**										
2	**Residential & Commercial Measured (all Com)**										
3	**Bills**										
4	<1"	1,454	$ 26.11	$ 37,964	1,428	1,428	$ 26.11	$ 37,285	1,428	$ 27.48	$ 39,241
5	1"	553	65.28	36,100	564	564	65.28	36,818	564	68.70	38,747
6	1.5"	325	130.55	42,429	336	336	130.55	43,865	336	137.40	46,166
7	2"	439	208.88	91,698	444	444	208.88	92,743	444	219.84	97,609
8	3"	59	391.65	23,107	60	60	391.65	23,499	60	412.20	24,732
9	4"	36	652.75	23,499	36	36	652.75	23,499	36	687.00	24,732
10	6"	12	1,305.50	15,666	12	12	1,305.50	15,666	12	1,374.00	16,488
11	Main Base Total	2,878		$ 270,463	2,880	2,880		$ 273,375	2,880		$ 287,716
12											
13	**Gallonage (kGals)**	67,172	8.92	$ 599,174	68,766	68,395	$ 8.92	$ 610,079	68,395	$ 10.54	$ 720,878
14	Measured Base + Usage			$ 869,637				$ 883,454			$ 1,008,594
15											
16	**Residential & Commercial Unmeasured**										
17	Flat Rate Res	184,017	72.04	$ 13,256,585	188,100	188,100	$ 72.04	$ 13,550,724	186,308	$ 80.18	$ 14,938,175
18	Flat Rate Com	420	100.86	42,361	420	420	100.86	42,361	420	106.94	44,915
19	Flat Rate Total Bills	184,437		$ 13,298,946	188,520	188,520		$ 13,593,085	186,728		$ 14,983,090
20										1.33	
21	**Carolina Meadows (Com, Bulk)**										
22	6" Bills	12	-	0	12	12	$ -	$ -	12	$ 1,374.00	$ 16,488
23	Gallonage (kGals)	18,157	8.92	$ 161,963	18,157	18,059	8.92	161,089	18,059	$ 10.54	190,345
24											

Public Staff
Junis Exhibit 14

Aqua North Carolina, Inc.
Docket W-218 Sub 526
Aqua North Carolina, Inc. Sewer
Billing Analysis - Revenue, Sewer
Test Year Revenue at Present Rates, Total Period Volumes
Test Year Ending Mar 31, 2020

EXHIBIT Hs
Test Yr moved 6 months

Col # Line No.	(1) Class/Meter Size	(2) Test Yr Units	(3) Wghtd Test Year Rate	(4) Test Year Revenue	(5) Normlzd TY Units	(6) ProFrma Prsnt Units	(7) Rate Prior to Filing	(8) PF Rev at Rate Prior	(8) ProFrma Prpsd Units	(9) Proposed Rate	(10) PF Rev at Proposed
25	**from Charlotte (Purchased Sewer Treatment) , Park South & Parkway Crossing (Res & Com)**										
26	<1" Bills	11,841	$ 26.11	309,169	11,844	11,844	$ 26.11	$ 309,247	11,844	$ 27.48	$ 325,473
27	2" Bills	84	208.88	17,546	84	84	208.88	17,546	84	219.84	18,467
28	4" Bills	12	652.75	7,833	12	12	652.75	7,833	12	687.00	8,244
29	Gallonage (kGals)	35,067	6.45	$ 226,181	35,075	34,885	6.45	225,011	34,885	6.45	225,011
30											
31	**from Carolina (BFC passed to treatment provider) Hwthrn Grn, Bvr Frms, Wdlnd Frms**										
32	<1"	0	--	0	0	0	$ 47.94	$ -	1,792	$ 47.94	$ 85,908
33	1"	12	119.85	1,438	12	12	119.85	$ 1,438	12	119.85	1,438.20
33	1.5" (5 REUs)	12	239.70	2,876	12	12	239.70	$ 2,876	12	239.70	2,876.40
34	8" (168.686 REUs)	12	8,086.81	97,042	12	12	8,086.81	97,042	12	8,086.81	97,042
35	Gallonage (kGals)	11,839	6.11	$ 72,335	11,839	11,775	6.11	71,944	18,982	7.32	138,948
36											
37	**Total Service Revenue**			$ 15,064,966				$ 15,370,565			$ 17,101,924
38											
39	**Availability (Billed Months)**										
40	Gov's Club (Mnthly)	2,138	$ 20.00	$ 42,753	2,112	2,112	$ 20.00	$ 42,240	2,112	$ 20.00	$ 42,240
41	Gov's Village (Yrly)	32	12.50	396	32	32	12.50	400	32	12.50	400
42	Woodlake (Mnthly)	2,024	3.75	7,590	2,004	2,004	3.75	7,515	2,004	3.75	7,515
43	AvailabilityTotal	4,193		$ 50,739	4,148	4,148		$ 50,155	4,148		$ 50,155
44											
45	**SIC Revenue**			61,024				186,921			0
46											
47	**Total Billed Revenue**			$ 15,176,729				$ 15,607,641			$ 17,152,079

I / A

Aqua North Carolina, Inc.
Docket W-218 Sub 526
Aqua North Carolina, Inc. Sewer
Billing Analysis - Revenue, Sewer
Test Year Revenue at Present Rates, Total Period Volumes
Test Year Ending Mar 31, 2020

EXHIBIT Hs
Test Yr moved 6 months

Col #	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(8)	(9)	(10)
Line No.	Class/Meter Size	Test Yr Units	Wghtd Test Year Rate	Test Year Revenue	Normlzd TY Units	ProFrma Prsnt Units	Rate Prior to Filing	PF Rev at Present Rate	ProFrma Reco Units	PS Reco Rate	PF Rev at Recommend
1	**ANC Main**										
2	**Residential & Commercial Measured (all Com)**										
3	**Bills**										
4	<1"	1,454	$ 26.11	$ 37,964	1,428	1,428	$ 26.11	$ 37,285	107,556	$ 44.71	$ 4,808,829
5	1"	553	65.28	36,100	564	564	65.28	36,818	660	111.78	73,775
6	1.5"	325	130.55	42,429	336	336	130.55	43,865	348	223.55	77,795
7	2"	439	208.88	91,698	444	444	208.88	92,743	444	357.68	158,810
8	3"	59	391.65	23,107	60	60	391.65	23,499	60	670.65	40,239
9	4"	36	652.75	23,499	36	36	652.75	23,499	36	1,117.75	40,239
10	6"	12	1,305.50	15,666	12	12	1,305.50	15,666	12	2,235.50	26,826
11	Main Base Total	2,878		$ 270,463	2,880	2,880		$ 273,375	109,116		$ 5,226,513
12											
13	**Gallonage (kGals)**	67,172	8.92	$ 599,174	68,766	68,395	$ 8.92	$ 610,079	577,934	$ 6.06	$ 3,502,282
14	Measured Base + Usage			$ 869,637				$ 883,454			$ 8,728,795
15											
16	**Residential & Commercial Unmeasured**										
17	Flat Rate Res	184,017	72.04	$ 13,256,585	188,100	188,100	$ 72.04	$ 13,550,724	80,072	$ 75.01	$ 6,006,201
18	Flat Rate Com	420	100.86	42,361	420	420	100.86	42,361	420	105.00	44,101
19	Flat Rate Total Bills	184,437		$ 13,298,946	188,520	188,520		$ 13,593,085	80,492		$ 6,050,302
20										1.40	
21	**Carolina Meadows (Com, Bulk)**										
22	6" Bills	12	-	0	12	12	$ -	$ -	12	$ 2,235.50	$ 26,826
23	Gallonage (kGals)	18,157	8.92	$ 161,963	18,157	18,059	8.92	161,089	18,059	$ 6.06	109,439
24											

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Aqua North Carolina, Inc.
Docket W-218 Sub 526
Aqua North Carolina, Inc. Sewer
Billing Analysis - Revenue, Sewer
Test Year Revenue at Present Rates, Total Period Volumes
Test Year Ending Mar 31, 2020

EXHIBIT Hs
Test Yr moved 6 months

Col #	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(8)	(9)	(10)
Line No.	Class/Meter Size	Test Yr Units	Wghtd Test Year Rate	Test Year Revenue	Normlzd TY Units	ProFrma Prsnt Units	Rate Prior to Filing	PF Rev at Present Rate	ProFrma Reco Units	PS Reco Rate	PF Rev at Recommend
25	**from Charlotte (Purchased Sewer Treatment) , Park South & Parkway Crossing (Res & Com)**										
26	<1" Bills	11,841	$ 26.11	309,169	11,844	11,844	$ 26.11	$ 309,247	11,844	$ 44.71	$ 529,545
27	2" Bills	84	208.88	17,546	84	84	208.88	17,546	84	357.68	30,045
28	4" Bills	12	652.75	7,833	12	12	652.75	7,833	12	1,117.75	13,413
29	Gallonage (kGals)	35,067	6.45	$ 226,181	35,075	34,885	6.45	225,011	34,885	6.45	225,011
30											
31	**from Carolina (BFC passed to treatment provider) Hwthrn Grn, Bvr Frms, Wdlnd Frms**										
32	<1"	0	--	0	0	0	$ 47.94	$ -	1,792	$ 47.94	$ 85,908
33	1"	12	119.85	1,438	12	12	119.85	$ 1,438	12	119.85	1,438.20
33	1.5" (5 REUs)	12	239.70	2,876	12	12	239.70	$ 2,876	12	239.70	2,876.40
34	8" (168.686 REUs)	12	8,086.81	97,042	12	12	8,086.81	97,042	12	8,086.81	97,042
35	Gallonage (kGals)	11,839	6.11	$ 72,335	11,839	11,775	6.11	71,944	18,982	6.47	122,881
36											
37	**Total Service Revenue**			$ 15,064,966				$ 15,370,565			$ 16,023,521
38											
39	**Availability (Billed Months)**										
40	Gov's Club (Mnthly)	2,138	$ 20.00	$ 42,753	2,112	2,112	$ 20.00	$ 42,240	2,112	$ 20.00	$ 42,240
41	Gov's Village (Yrly)	32	12.50	396	32	32	12.50	400	32	12.50	400
42	Woodlake (Mnthly)	2,024	3.75	7,590	2,004	2,004	3.75	7,515	2,004	3.75	7,515
43	AvailabilityTotal	4,193		$ 50,739	4,148	4,148		$ 50,155	4,148		$ 50,155
44											
45	**SIC Revenue**			61,024				186,921			0
46											
47	**Total Billed Revenue**			$ 15,176,729				$ 15,607,641			$ 16,073,676
48	Public Staff recommends implementation of a metered sewer rate using the customers' ANC Water metered usage data through March 2020.										

Public Staff
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Aqua North Carolina, Inc.
Docket W-218 Sub 526
Fairways Sewer
Billing Analysis - Revenue, Sewer
Test Year Revenue at Present Rates, Total Period Volumes
Test Year Ending Mar 31, 2020

EXHIBIT Hs
Test Yr moved 6 months

Col # Line No.	(1) Class/Meter Size	(2) Test Yr Units	(3) Wghtd Test Year Rate	(4) Test Year Revenue	(5) Normlzd TY Units	(6) ProFrma Units	(7) Rate Prior to Filing	(8) PF Rev at Rate Prior	(9) Proposed Rate	(10) PF Rev at Proposed
1	**Residential & Commercial Measured (Com)**									
2	**Bills**									
3	<1"	227	$ 20.72	$ 4,703	228	228	$ 20.72	$ 4,724	$ 21.04	$ 4,797
4	1"	60	51.80	3,108	60	60	51.80	3,108	52.60	3,156
5	1.5"	24	103.60	2,486	24	24	103.60	2,486	105.20	2,525
6	2"	48	165.76	7,956	48	48	165.76	7,956	168.32	8,079
7	3"	0	--	0	0	0	310.80	0	315.60	0
8	4"	0	--	0	0	0	518.00	0	526.00	0
9	6"	0	--	0	0	0	1,036.00	0	1,052.00	0
10										
11	Base Subtotal	359		$ 18,254	360	360	$ 2,206.68	$ 18,275	$ 2,240.8	$ 18,557
12										
13	**Gallonage (kGals)**	4,523	$ 9.46	42,785	4,527	4,457	$ 9.46	$ 42,165	$ 9.56	$ 42,610
14	Measured Base + Gllnge			$ 61,039				$ 60,440		$ 61,168
15	*Avg Usg <1" Bill*									
16										
17	**Residential & Commercial Unmeasured**								*1.550*	
18	Flat Rate Res Bills	36,169	$ 58.56	$ 2,118,057	36,336	36,336	$ 58.56	$ 2,127,836	$ 60.83	$ 2,210,319
19	Flat Rate Com Bills	0	--	0	0	0	81.98	0	94.27	0
20	FR Imputed Usage (kGals)				151,230	151,230				
21										
22	**Total Service Revenue**			$ 2,179,096				$ 2,188,276		$ 2,271,487
23	**SIC Revenue**			1,042				1,313		0
24										
25										
26	**Total Billed Revenue**			$ 2,180,138				$ 2,189,589		$ 2,271,487

Public Staff
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Aqua North Carolina, Inc.
Docket W-218 Sub 526
Fairways Sewer
Billing Analysis - Revenue, Sewer
Test Year Revenue at Present Rates, Total Period Volumes
Test Year Ending Mar 31, 2020

EXHIBIT Hs
Test Yr moved 6 months

Col # Line No.	(1) Class/Meter Size	(2) Test Yr Units	(3) Wghtd Test Year Rate	(4) Test Year Revenue	(5) Normlzd TY Units	(6) ProFrma Units	(7) Rate Prior to Filing	(8) PF Rev at Rate Prior	(9) ProFrma Reco Units	(10) PS Reco Rate	(11) PF Rev at Recommend
1	**Residential & Commercial Measured (Com)**										
2	**Bills**										
3	<1"	227	$ 20.72	$ 4,703	228	228	$ 20.72	$ 4,724	34,584	$ 32.67	$ 1,129,859
4	1"	60	51.80	3,108	60	60	51.80	3,108	216	81.68	17,643
5	1.5"	24	103.60	2,486	24	24	103.60	2,486	24	163.35	3,920
6	2"	48	165.76	7,956	48	48	165.76	7,956	60	261.36	15,682
7	3"	0	--	0	0	0	310.80	0	0	490.05	0
8	4"	0	--	0	0	0	518.00	0	0	816.75	0
9	6"	0	--	0	0	0	1,036.00	0	0	1,633.50	0
10											
11	Base Subtotal	359		$ 18,254	360	360	$ 2,206.68	$ 18,275	34,884	$ 3,479.4	$ 1,167,104
12											
13	**Gallonage (kGals)**	4,523	$ 9.46	42,785	4,527	4,457	$ 9.46	$ 42,165	215,280	$ 3.67	$ 790,078
14	Measured Base + Gllnge			$ 61,039				$ 60,440			$ 1,957,183
15	*Avg Usg <1" Bill*										
16											
17	**Residential & Commercial Unmeasured**									*1.422*	
18	Flat Rate Res Bills	36,169	$ 58.56	$ 2,118,057	36,336	36,336	$ 58.56	$ 2,127,836	1,812	$ 47.94	$ 86,876
19	Flat Rate Com Bills	0	--	0	0	0	81.98	0	0	68.16	0
20	FR Imputed Usage (kGals)				7,542	7,542			7,542		
21											
22	**Total Service Revenue**			$ 2,179,096				$ 2,188,276			$ 2,044,058
23	**SIC Revenue**			1,042				1,313			0
24											
25											
26	**Total Billed Revenue**			$ 2,180,138				$ 2,189,589			$ 2,044,058
27	Public Staff recommends implementation of a metered sewer rate using the customers' Fairways Water metered usage data through March 2020.										