

I/A

Aqua North Carolina
Docket No. W-218, Sub 526
Sewer Consumption Factors

Thill Rebuttal Exhibit 3

Metered water usage for ANC Sewer customers for whom ANC Water provides water billing

	2017			2018			2019			2020			Three-year Total			Test-Yr Average	Variance Test Yr vs 3-Yr Avg	Consumption Factor
	Sum of Bills	Sum of Cons WT (kG)	Average	Sum of Bills	Sum of Cons WT (kG)	Average	Sum of Bills	Sum of Cons WT (kG)	Average	Sum of Bills	Sum of Cons WT (kG)	Average	Sum of Bills	Sum of Cons WT (kG)	Average			
Jan				7,368	32,972	4.475	8,136	31,087	3.821	8,786	36,474	4.151	24,290	100,533	4.139	3.821	0.318	8.3%
Feb				7,656	29,280	3.824	8,186	31,140	3.804	8,817	33,801	3.834	24,659	94,221	3.821	3.804	0.017	0.4%
Mar				7,674	28,119	3.664	8,237	28,982	3.518	8,853	31,554	3.564	24,764	88,655	3.580	3.518	0.062	1.7%
Apr	7,388	33,010	4.468	7,731	29,501	3.816	8,303	30,552	3.680				23,422	93,063	3.973	3.680	0.294	8.0%
May	7,419	36,015	4.854	7,762	37,586	4.842	8,352	38,798	4.645				23,533	112,398	4.776	4.645	0.131	2.8%
Jun	7,421	41,794	5.632	7,794	43,678	5.604	8,396	54,476	6.488				23,611	139,948	5.927	6.488	-0.561	-8.6%
Jul	7,492	45,220	6.036	7,317	51,278	7.008	8,525	54,613	6.406				23,334	151,111	6.476	6.406	0.070	1.1%
Aug	7,278	38,368	5.272	7,837	39,900	5.091	8,571	49,775	5.807				23,686	128,042	5.406	5.807	-0.402	-6.9%
Sep	7,515	43,967	5.851	7,786	41,894	5.381	8,629	52,480	6.082				23,930	138,341	5.781	6.082	-0.301	-4.9%
Oct	7,560	43,349	5.734	8,018	40,678	5.073	8,679	49,586	5.713				24,257	133,613	5.508	5.073	0.435	8.6%
Nov	7,579	33,803	4.460	8,053	30,761	3.820	8,699	39,409	4.530				24,331	103,973	4.273	3.820	0.453	11.9%
Dec	7,596	31,359	4.128	7,993	33,513	4.193	8,747	30,803	3.522				24,336	95,675	3.931	4.193	-0.261	-6.2%
Residential Customers													288,153	1,379,573	4.788	4.797	-0.010	-0.2%
Commercial Customers													65,723	391,189	5.952	6.561	-0.608	-9.3%
Total Commercial and Residential													353,876	1,770,762	5.004	5.116	-0.113	-2.2%

Metered water usage for Fairways Sewer customers for whom Fairways Water provides water billing

	2017			2018			2019			2020			Three-year Total			Test-Yr Average	Variance Test Yr vs 3-Yr Avg	Consumption Factor
	Sum of Bills	Sum of Cons WT (kG)	Average	Sum of Bills	Sum of Cons WT (kG)	Average	Sum of Bills	Sum of Cons WT (kG)	Average	Sum of Bills	Sum of Cons WT (kG)	Average	Sum of Bills	Sum of Cons WT (kG)	Average			
Jan				2,598	11,520	4.434	2,822	9,598	3.401	2,871	10,378	3.615	8,291	31,495	3.799	3.401	0.398	11.7%
Feb				2,610	10,506	4.025	2,821	9,539	3.381	2,871	10,283	3.582	8,302	30,328	3.653	3.381	0.272	8.0%
Mar				2,617	9,182	3.508	2,822	9,431	3.342	2,877	9,582	3.331	8,316	28,194	3.390	3.342	0.048	1.5%
Apr	2,564	13,185	5.142	2,681	12,326	4.598	2,830	12,670	4.477				8,075	38,181	4.728	4.477	0.251	5.6%
May	2,580	18,271	7.082	2,697	16,620	6.162	2,831	19,957	7.049				8,108	54,848	6.765	7.049	-0.285	-4.0%
Jun	2,581	21,546	8.348	2,691	20,837	7.743	2,847	30,765	10.806				8,119	73,148	9.009	10.806	-1.797	-16.6%
Jul	2,584	21,860	8.460	2,694	22,444	8.331	2,855	25,241	8.841				8,133	69,545	8.551	8.841	-0.290	-3.3%
Aug	2,588	19,403	7.497	2,709	16,115	5.949	2,864	29,405	10.267				8,161	64,923	7.955	10.267	-2.312	-22.5%
Sep	2,591	17,656	6.814	2,552	19,944	7.815	2,863	25,579	8.934				8,006	63,179	7.891	8.934	-1.043	-11.7%
Oct	2,581	16,416	6.360	2,791	19,142	6.859	2,860	24,537	8.579				8,232	60,095	7.300	6.859	0.442	6.4%
Nov	2,592	15,527	5.990	2,808	15,426	5.494	2,868	19,942	6.953				8,268	50,895	6.156	5.494	0.662	12.1%
Dec	2,605	11,706	4.494	2,799	11,438	4.086	2,867	11,510	4.015				8,271	34,654	4.190	4.086	0.103	2.5%
Residential Customers													98,282	599,484	6.100	6.426	-0.327	-5.1%
Commercial Customers													1,090	13,521	12.404	12.106	0.298	2.5%
Total Commercial and Residential													99,372	613,005	6.169	6.486	-0.318	-4.9%

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