



**NORTH CAROLINA
PUBLIC STAFF
UTILITIES COMMISSION**

November 18, 2021

Ms. A. Shonta Dunston, Chief Clerk
North Carolina Utilities Commission
4325 Mail Service Center
Raleigh, North Carolina 27699-4300

Re: Docket No. W-354, Sub 384 – Application by Carolina Water Service, Inc. of North Carolina, 4944 Parkway Plaza Boulevard, Suite 375, Charlotte North Carolina 28217 for Authority to Adjust and Increase Rates for Water and Sewer Utility Service in All of Its Service Areas in North Carolina

Dear Ms. Dunston:

Attached for filing on behalf of the Public Staff in the above-referenced docket are the supplemental testimony and exhibits of Lindsay Q. Darden, Utilities Engineer, Public Staff Water, Sewer, and Telephone Division.

By copy of this letter, I am forwarding a copy to all parties of record by electronic delivery.

Sincerely,

Electronically submitted
s/John D. Little
Staff Attorney
john.little@psncuc.nc.gov

Attachments

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BEFORE THE NORTH CAROLINA UTILITIES COMMISSION

DOCKET NO. W-354, SUB 384

In the Matter of)	
Application by Carolina Water Service,)	SUPPLEMENTAL
Inc. of North Carolina, 4944 Parkway)	TESTIMONY OF
Plaza Boulevard, Suite 375, Charlotte,)	LINDSAY Q. DARDEN
North Carolina 28217 for Authority to)	PUBLIC STAFF-NORTH
Adjust and Increase Rates for Water)	CAROLINA UTILITIES
and Sewer Service in All of Its Service)	COMMISSION
Areas in North Carolina)	

BEFORE THE NORTH CAROLINA UTILITIES COMMISSION

DOCKET NO. W-354, SUB 384

TESTIMONY OF LINDSAY Q. DARDEN

ON BEHALF OF THE PUBLIC STAFF
NORTH CAROLINA UTILITIES COMMISSION

NOVEMBER 18, 2021

1 Q. WHAT REVISIONS WILL YOU DISCUSS?

2 A. After discussing the Public Staff's November 5, 2021 filing with the
3 Company, I made revisions to the following items based on new
4 information:

- 5 (1) Exhibit 5 – EOP Sewer Customers;
- 6 (2) Exhibit 7 – Uniform Sewer Consumption;
- 7 (3) Exhibit 9 – Uniform Sewer at Present Rates;
- 8 (4) Exhibit 13 – Uniform Sewer at Proposed Rates;
- 9 (5) Exhibit 17 – Uniform Water at PS Recommended Rates;
- 10 (6) Exhibit 18 – Uniform Sewer at PS Recommended Rates;
- 11 (7) Exhibit 19 – BFFHTC Water at PS Recommended Rates; and
- 12 (8) Exhibit 20 – BFFHTC Sewer at PS Recommended Rates.

13 UNIFORM SEWER BILLING ANALYSIS

14 Q. WHAT CHANGES WERE MADE TO THE UNIFORM BILLING
15 ANALYSIS?

16 A. On **Revised Darden Exhibits Nos. 9, 13, and 18** the 1-inch,
17 1.5-inch, and 2-inch residential meter base charges were corrected

1 for Metered Residential customers. Typically, for meter sizes 1-inch
2 or larger a factor is utilized to calculate the base charge to reflect the
3 larger meter size, typically sized for higher demand. For Uniform
4 Sewer, some residential water meters and service lines have been
5 upsized in the mountain systems to help address customers' water
6 pressure issues. CWSNC and Public Staff have agreed that since
7 the meter upsize was due to water pressure and not production
8 demand and associated increased sewer flow capacity, the sewer
9 base facility charge should not be increased for these customers.
10 The factors to the base charges were removed and the same base
11 charge that applies to the less than 1-inch meters was applied to all
12 the residential meter sizes.

13 **UNIFORM SEWER EOP AND CONSUMPTION**

14 **Q. HAVE ANY POST TEST YEAR CUSTOMERS BEEN ADDED TO**
15 **THE BILLING ANALYSIS?**

16 **A.** Two commercial uniform sewer customers were added into the EOP
17 data, consumption data, and billing analysis. The Danby system has
18 been serving the customers, Townhomes at Bridlestone and
19 Lancaster Highway Daycare, since July 2021 and March 2021,
20 respectively. A contiguous extension application to serve Lancaster
21 Highway Daycare was filed in Docket No. W-354, Sub 366 on

1 September 23, 2021. A contiguous extension application to serve
2 Townhomes at Bridlestone was filed in Docket No. W-354, Sub 367
3 on November 12, 2021. CWSNC filed the Developer Agreements for
4 these customers in Docket Nos. W-354, Subs 366 and 367 on
5 December 19, 2019 and December 20, 2019, respectively. In June
6 2021, the Public Staff and CWSNC discussed the WR-3496
7 application applicable to resell of water and sewer service to the
8 townhomes. Unaware that the agreement in Docket No. W-354, Sub
9 367 was relevant, the Public Staff advised CWSNC that they needed
10 to file a tariff revision to include the new 8-inch commercial sewer
11 customer rate so CWSNC could accurately charge the townhomes
12 customer. Due to the size of these commercial customers, the impact
13 on revenue is significant. The customers should be incorporated in
14 the billing analysis because these are known and measurable
15 changes with material significance, the customers have been active
16 and CWSNC has had the opportunity to complete the contiguous
17 extension applications and could be charging the customers. The
18 combined annual revenue for the two customers is \$160,955 under
19 the Public Staff's recommended rates. If this amount is not
20 incorporated into the billing analysis and after the rate case the
21 contiguous extensions applications are recognized and rates are
22 approved, this significant amount of annual revenue would not

1 properly reduce the revenue requirement of other uniform sewer
2 customers.

3 **Q. HOW ARE THE ADDITIONAL CUSTOMERS REFLECTED IN THE**
4 **REVISED EXHIBITS?**

5 A. The EOP customer count has been revised for the Danby system to
6 include Bridlestone Townhomes as an 8-inch commercial customer
7 and the Lancaster Highway Daycare customer has been listed under
8 the Subdivision Specific Rates section, see **Revised Darden Exhibit**
9 **No. 5**. CWSNC provided the Public Staff with a projected annual
10 usage of 9,968,592 for the Bridlestone Townhomes. CWSNC based
11 this projected annual usage on available actual usage data. This
12 annualized usage amount has been added to the Danby system
13 consumption data shown on **Revised Darden Exhibit 7**. The
14 Lancaster Highway Daycare customer will be charged a flat sewer
15 rate based on 15.3 REUs. Usage data for the daycare customer is
16 currently not available to CWSNC from the water provider, Charlotte
17 Water. The billing analysis for Uniform Sewer at Present Rates,
18 Proposed Rates, and Public Staff Recommended Rates incorporate
19 the usage and EOP adjustments described above. The Public Staff
20 and CWSNC agree that commercial meter base charge factor for an
21 8-inch meter is 80. The Public Staff and CWSNC also agree on the
22 REU factor of 15.3 for the daycare facility used to determine the flat

1 rate. See **Revised Darden Exhibits Nos. 9, 13, and 18** for these
2 revisions.

3 **PUBLIC STAFF RECOMMENDED RATES REVISION**

4 **Q. PLEASE EXPLAIN YOUR REVISIONS TO THE RECOMMENDED**
5 **RATES EXHIBITS.**

6 A. Due to the adjustments described above, in addition to revisions
7 made by Public Staff Accountant Lynn Feasel, the service revenue
8 requirement for each rate entity was revised. **Darden Revised**
9 **Exhibits Nos. 17, 18, 19, and 20** have been updated to reflect the
10 Public Staff recommended rates that support the revised service
11 revenue requirements.

12 **Q. DOES THIS CONCLUDE YOUR SUPPLEMENTAL TESTIMONY?**

13 A. Yes it does. Additional supplemental testimony will be filed to
14 address customer service.

Billing Analysis for End of Period Customers

Service Area	Total																Multi Comm	Flat EOP	Total Avail				
	5/8 R	3/4 R	1 R	1.5 R	2 R	3 R	Flat R	Res	5/8 C	3/4 C	1 C	1.5 C	2 C	3 C	4 C	6 C				8 C	Flat C	Comm	Comm
Amber Acres	9							9												0		9	
Amber Ridge	123							123												0		123	
Ashley Hills	620						1	621												0		621	
Bear Paw	68							68	3											3		71	
Belvedere Plantation	741			2				743	1				4	2					0	7		750	
Bent Creek	302	1						303												0		303	
Brandywine Bay	760			3		1		48	812	4									2	6		818	
Carolina Pines							314	314	1											1		315	
Carolina Trace	1592			1				1,593	16	1	1	1								19		1,612	
Corolla Light	394	1		29				424	14		8	2	1	1						26		450	
Danby (7)	1,270			3				7	1,280	327		1	2				1		4	335		1,615	
Elk River		120		4				124			1	1		1						3		127	
Hestron Park								-	1			2	7						1	11		11	
Hound Ears	178			4				182	6		1		2							9		191	
Independent/Hemby							639	639											8	8		647	
Kings Grant - Raleigh							112	112												0		112	
Kynwood Abington	593							112	705	1										1		706	
Monteray Shores	401	3		63					467	50		8	1	1						60		527	
Nags Head (6)							563	563	10	1	9	4	9			2		60		95		658	
Nero	127							127												0		127	
Olde Point	121			2				123					1							1		124	
Queens Harbor	113							113	1							1				2		115	
Riverpointe	191							191	1											1		192	
Rutledge Landing North	60							60												0		60	
Rutledge Landing	283							283												0		283	
Saddlewood	18							18												0		18	
Sandy Trail	123							123												0		123	
Sapphire Valley	671			2	33	17		723	18	1	2	3	5	1						30		753	88
Sugar Mountain	1,047			1			15	1,063	36		3	2	18						4	63		1,126	
Transylvania Util./Connestee Falls	1,002	1					5	1,008	6				1							7		1,015	177
Wolf Laurel	56							56					2							2		58	
Willowbrook	169							169												0		169	
Total Uniform	11,032	126	114	33	18	-	1,816	13,139	496	4	33	16	54	4	1	2	1	60	19	690	13,829	265	

Billing Analysis for End of Period Customers

Service Area	Multiple																	Total		Avail		
	5/8 R	3/4 R	1 R	1.5 R	2 R	3 R	Flat	Bulk	Units	Res	5/8 C	3/4 C	1 C	1.5 C	2 C	3 C	4 C	6 C	Flat C		Comm	EOP
Bradfield Farms	1020	96					159		2	1,277			1							1	1,278	
Hawthorne at the Green (1)								169		169										0	169	
Beaver Farms (1)								7.5		8										0	8	
Woodland (1)								151		151										0	151	
Fairfield Harbour	1,778									1,778	11	3		4						18	1,796	902
Pace/Silverton	62									62										0	62	
Total	2860	96	0	0	0	0	159	327.5	2	3,115	11	3	1	4	0	0	0	0	0	19	3,134	902

Notes

1 Hawthorne at the Green, Beaver Farms, and Woodland are bulk sewer accounts billed from Aqua NC. The 3 accounts have multiple units and CWSNC and the Public Staff agree on the listed dwelling units amounts.

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 Docket No. W-354, Sub 384
 For the 12 Months Ending March 31, 2021

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Billing Analysis for Consumption

CWSNC Sewer

Service Area	Uniform Sewer															Total Commercial	Grand Total	
	5/8 R	3/4 R	1 R	1.5 R	2 R	Residential	5/8 C	3/4 C	1 C	1.5 C	2 C	3 C	4 C	6C	8C			
Amber Acres	246,440					246,440											-	246,440
Amber Ridge	2,258,180					2,258,180											-	2,258,180
Ashley Hills	33,643,584					33,643,584											-	33,643,584
Bear Paw	942,250					942,250	46,250										46,250	988,500
Belvedere Plantation	35,424,952		155,600			35,580,552	151,490				2,497,848	5,063,770					7,713,108	43,293,660
Bent Creek	11,419,404	30,011				11,449,415											-	11,449,415
Brandywine Bay	30,616,112		187,440		67,400	30,870,952	174,360										174,360	31,045,312
Carolina Pines						-											-	-
Carolina Trace	62,600,956		63,750		4,000	62,668,706	926,660	40,180	55,070	324,600							1,346,510	64,015,216
Corolla Light	25,512,947	15,510	3,335,050			28,863,507	1,083,560		1,347,740	620,100	116,800	16,000					3,184,200	32,047,707
Danby (3)	65,796,016		131,990			65,928,006	18,786,171				622,800	794,400			9,968,592		30,171,963	96,099,969
Elk River		2,111,184	154,270			2,265,454		43,442	470,107		380,500						894,049	3,159,503
Hestron Park						-	31,730			479,200	2,573,341						3,084,271	3,084,271
Hound Ears	3,954,032		21,378			3,975,410	261,636		35,280		383,590						680,506	4,655,916
Independent/Hemby						-											-	-
Kings Grant - Raleigh						-											-	-
Kynwood Abington	31,122,659					31,122,659	218,690										218,690	31,341,349
Monterey Shores	24,431,057	536,870	7,867,025			32,834,952	3,625,820		1,230,530	185,500	366,100						5,407,950	38,242,902
Nags Head						-	610,470	208,100	3,888,840	723,400	3,192,400			6,306,610			14,929,820	14,929,820
Nero	6,140,517					6,140,517											-	6,140,517
Olde Point	4,164,220		68,510			4,232,730					649,800						649,800	4,882,530
Queens Harbor	4,103,492					4,103,492	89,830						810,950				900,780	5,004,272
Riverpointe	14,646,608		41,420			14,688,028	25,650										25,650	14,713,678
Rutledge Landing North	1,615,628					1,615,628											-	1,615,628
Rutledge Landing	12,712,036					12,712,036											-	12,712,036
Saddlewood	864,190					864,190											-	864,190
Sandy Trail	6,526,842					6,526,842											-	6,526,842
Sapphire Valley (1)	17,078,612		38,423	4,623,388	2,409,326	24,149,749	1,327,167	25	685,104	743,495	918,934	1,345,098					5,019,823	29,169,572

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Billing Analysis for Consumption

CWSNC Sewer

Service Area	Total															Total Commercial	Grand Total	
	5/8 R	3/4 R	1 R	1.5 R	2 R	Residential	5/8 C	3/4 C	1 C	1.5 C	2 C	3 C	4C	6C	8C			
Sugar Mountain	22,573,174		102,365			22,675,539	1,566,368		421,064	1,183,888	7,126,588						10,297,908	32,973,447
Transylvania Util./Connestee Falls	31,153,000	6,905				31,159,905	164,327				59,207						223,534	31,383,439
Willowbrook	5,669,326					5,669,326											-	5,669,326
Wolf Laurel	981,311					981,311					348,300						348,300	1,329,611
Total Uniform	456,197,545	2,700,480	12,167,221	4,623,388	2,480,726	478,169,360	29,090,179	291,747	8,133,735	4,882,983	19,407,808	6,424,868	810,950	6,306,610	9,968,592	85,317,472	563,486,832	

Subdivision Specific Rates

Ridges at Mountain Harbour	1,500,300					1,500,300	338,840				44,800						383,640	1,883,940
Mt Carmel	15,305,857					15,305,857											-	15,305,857
Fairfield Mountain	8,643,158	236,290	64,152			8,943,600											-	8,943,600
Fairfield Mountain/Apple Valley	2,039,511	6,300	1,122,229			3,168,040											-	3,168,040
Regalwood & White Oak	-					-											-	-
White Oak High School	-					-											-	-
Child Daycare	-					-											-	-
Lancaster Highway Daycare (4)	-					-											-	-

Purchased Sewer

College Park	2,408,770					2,408,770											-	2,408,770
Kings Grant - Charlotte	7,625,080		204,120			7,829,200											-	7,829,200
WhiteOakPlantation/WinstonPointe	27,451,855					27,451,855											-	27,451,855

	Fairfield Mtn	Fa.Mtn./Ap.Val.	
	Commercial	Commercial	Total
LG	337,787	12,957	350,744
MED	907,035	349,168	1,256,203
SM	188,360	-	188,360

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Billing Analysis for Consumption

CWSNC Sewer

BF/FH/TC Sewer (2)

Service Area	Total														Total	Grand	
	5/8 R	3/4 R	1 R	1.5R	2 R	Residential	5/8 C	3/4 C	1 C	1.5 C	2 C	3 C	4 C	6C	Commercial	Total	
Bradfield Farms	60,696,367	6,063,828				66,760,195			10,670							10,670	66,770,865
Fairfield Harbour	73,112,902		-			73,112,902	906,070	67,430		289,720	-					1,263,220	74,376,122
Silverton	3,936,760					3,936,760										-	3,936,760
Total	137,746,029	6,063,828	-	-	-	143,809,857	906,070	67,430	10,670	289,720	-	-	-	-	1,273,890	145,083,747	

Note (1): Sapphire Valley had 11,486 usage listed for a 5/8" commercial meter with no active customer listed. CWS confirmed that this usage should be reallocated to 5/8" residential usage.

Note (2): BF/FH/TC sewer residential customers are charged a flat rate.

Note (3): Townhomes at Bridlestone became an active customer (8" commercial) July 13, 2021. The pending CE is filed in Sub 367. CWSNC provided usage data from 7/13 - 10/29 to project the amount of annualized usage.

Note (4): Lancaster Highway Daycare became an active customer in March 2021. Charlotte Water supplies water but currently does not provide CWSNC meter reads. The pending CE is filed in Sub 366. Billing may need to be addressed next rate case.

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Public Staff's Revenue at Present Rates

CWSNC Sewer

Billing Type	Usage	Usage Rate	Usage Revenue	EOP Customers	EOP x 12 months	Base Charge	Base Charge Revenue	Total Revenue
Residential Flat¹		-	-	1,816	21,792	\$73.73	\$1,606,724	\$1,606,724
Metered Residential								
5/8" Residential Metered	456,197,545	\$4.59	\$2,093,947	11,032	132,384	\$58.91	\$7,798,741	\$9,892,688
3/4" Residential Metered	2,700,480	\$4.59	\$12,395	126	1,512	\$58.91	\$89,072	\$101,467
1" Residential Metered ²	12,167,221	\$4.59	\$55,848	114	1,368	\$58.91	\$80,589	\$136,436
1.5" Residential Metered ²	4,623,388	\$4.59	\$21,221	33	396	\$58.91	\$23,328	\$44,550
2" Residential Metered ²	2,480,726	\$4.59	\$11,387	18	216	\$58.91	\$12,725	\$24,111
Total Residential Metered	478,169,360		\$2,194,797	11,323	135,876		\$8,004,455	\$10,199,253
Commercial Flat		-	-	60	720	\$73.73	\$53,086	\$53,086
Multi-unit Flat Rate		-	-	19	228	\$73.73	\$16,810	\$16,810
Metered Commercial								
5/8" Commercial Metered	29,090,179	\$4.59	\$133,524	496	5,952	\$58.91	\$350,632	\$484,156
3/4" Commercial Metered	291,747	\$4.59	\$1,339	4	48	\$58.91	\$2,828	\$4,167
1" Commercial Metered	8,133,735	\$4.59	\$37,334	33	396	\$147.28	\$58,321	\$95,655
1.5" Commercial Metered	4,882,983	\$4.59	\$22,413	16	192	\$294.55	\$56,554	\$78,966
2" Commercial Metered	19,407,808	\$4.59	\$89,082	54	648	\$471.28	\$305,389	\$394,471
3" Commercial Metered	6,424,868	\$4.59	\$29,490	4	48	\$883.65	\$42,415	\$71,905
4" Commercial Metered	810,950	\$4.59	\$3,722	1	12	\$1,472.75	\$17,673	\$21,395
6" Commercial Metered	6,306,610	\$4.59	\$28,947	2	24	\$2,945.50	\$70,692	\$99,639
8" Commercial Metered ³	9,968,592	\$4.59	\$45,756	1	12	\$4,712.80	\$56,554	\$102,309
Total Commercial Metered	85,317,472		\$391,607	611	7,332		\$961,058	\$1,352,665

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Public Staff's Revenue at Present Rates

CWSNC Sewer

Billing Type	Usage	Usage Rate	Usage Revenue	Customers	Monthly Rate x 12	Base Charge	Base Charge Revenue	Total Revenue
Regalwood/White Oaks	-	-	-	1,067	12,804	\$73.73	\$944,039	\$944,039
White Oaks School	-	-	-	1	12	\$2,187.33	\$26,248	\$26,248
Child Castle Daycare	-	-	-	1	12	\$280.41	\$3,365	\$3,365
Lancaster Highway Daycare ⁴	-	-	-	1	12	\$901.32	\$10,816	\$10,816
Availability Connestee/Transylvania	-	-	-	177	2,124	\$5.75	\$12,213	\$12,213
Availability Sapphire Valley	-	-	-	88	1,056	\$10.20	\$10,771	\$10,771
Total Uniform	563,486,832		\$2,586,404.56	15,164	181,968		\$11,649,585	\$14,235,990

Notes: (1) Residential Flat Customers excluding Regalwood/White Oak, White Oaks School, & Child Castle Daycare

(2) Residential water meters were oversized due to pressure issues in mountain systems. CWSNC and the Public Staff agreed that since the upsize was due to water, the sewer BFC should not also be raised.

(3) Danby added an 8" commercial customer July 13, 2021, Townhomes at Bridlestone (pending CE Sub 367). CWSNC provided usage data from 7/13 - 10/29 to project the amount of annual usage.

(4) Lancaster Hwy Daycare became an active customer in March 2021 (pending CE Sub 366). Charlotte water supplies water but does not currently provide CWSNC meter reads. Due to the lack of usage data, this customer is being charged based on 15.3 SFEs, similar to the rates for Child Castle Daycare and White Oaks School.

Purchased Sewer

Billing Type	Usage	Usage Rate	Usage Revenue	EOP Customers	EOP x 12 months	Base Charge	Base Charge Revenue	Total Revenue
College Park								
Residential Flat, Sewer only	-	-	-	1	12	\$73.73	\$885	\$885
5/8" Residential Metered	2,408,770	\$7.77	\$18,716	51	612	\$41.24	\$25,239	\$43,955
Total	2,408,770		\$0	52	624		\$26,124	\$44,840

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Public Staff's Revenue at Present Rates

Purchased Sewer Billing Type	Usage	Usage Rate	Usage Revenue	EOP Customers	EOP x 12 months	Base Charge	Base Charge Revenue	Total Revenue
Kings Grant - Charlotte								
5/8" Residential Metered	7,625,080	\$4.39	\$33,474	177	2,124	\$41.24	\$87,594	\$121,068
1" Residential Metered	204,120	\$4.39	\$896	1	12	\$41.24	\$495	\$1,391
Total	7,829,200		\$34,370	178	2,136		\$88,089	\$122,459
White Oak Plantation/Lee Forest/Winston Pointe								
5/8" Residential Metered	27,451,855	\$6.45	\$177,064	509	6,108	\$41.24	\$251,894	\$428,958
Subdivision Specific Rates								
Fairfield Mountain								
5/8" Res. Collection/Treatm.	10,682,669		-	380	4,560	\$131.24	\$598,454	\$598,454
3/4" Res. Collection/Treatm.	242,590		-	12	144	\$131.24	\$18,899	\$18,899
1" Res. Collection/Treatm.	1,186,381		-	12	144	\$131.24	\$18,899	\$18,899
Total Residential Collection	12,111,640		-	404	4,848		\$636,252	\$636,252
Small Commercial	188,360	\$13.93	\$2,624	6	72	\$103.00	\$7,416	\$10,040
Medium Commercial	1,256,203	\$13.93	\$17,499	11	132	\$182.00	\$24,024	\$41,523
Large Commercial	350,744	\$13.93	\$4,886	3	36	\$286.00	\$10,296	\$15,182
Total Commercial	1,795,307		\$25,009	20.00	240.00		\$41,736	\$66,745
Total	13,906,947		\$25,009	424	5,088		\$677,988	\$702,996
Mount Carmel								
5/8" Residential Metered	15,305,857	\$6.51	\$99,641	379	4,548	\$48.73	\$221,624	\$321,265

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Public Staff's Revenue at Present Rates

Subdivision Specific Rates

Billing Type	Usage	Usage Rate	Usage Revenue	EOP Customers	EOP x 12 months	Base Charge	Base Charge Revenue	Total Revenue
The Ridges at Mountain Harbour								
5/8" Res. Collection/Treatm.	1,500,300		-	46	552	\$59.66	\$32,932	\$32,932
5/8" Comm. Collection/Treatm.	338,840		-	1	12	\$59.66	\$716	\$716
2" Comm. Collection/Treatm.	44,800		-	1	12	\$188.60	\$2,263	\$2,263
Total Commercial	383,640			2	24		\$2,979	\$2,979
Total	1,883,940			48	576		\$35,911	\$35,911
TOTAL (Uni. + S/D + Pur. Sewer)	632,273,401		\$2,922,489	16,754	201,048		\$12,951,214	\$15,892,419
							SSIC Revenue ⁵	\$128,729
							TOTAL SERVICE REVENUE	\$16,021,148

Note (5): SSIC percentage is 0.81% based on W-354, Sub 364A Order issued on September 27, 2021. This percentage does not include the EMF.

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Public Staff's Revenue at Proposed Rates

CWSNC Sewer

Billing Type	Usage	Usage Rate	Usage Revenue	EOP Customers	EOP x 12 months	Base Charge	Base Charge Revenue	Total Revenue
Residential Flat¹		-	-	1,816	21,792	\$84.31	\$1,837,284	\$1,837,284
Metered Residential								
5/8" Residential Metered	456,197,545	\$5.77	\$2,632,260	11,032	132,384	\$64.09	\$8,484,491	\$11,116,750
3/4" Residential Metered	2,700,480	\$5.77	\$15,582	126	1,512	\$64.09	\$96,904	\$112,486
1" Residential Metered ²	12,167,221	\$5.77	\$70,205	114	1,368	\$64.09	\$87,675	\$157,880
1.5" Residential Metered ²	4,623,388	\$5.77	\$26,677	33	396	\$64.09	\$25,380	\$52,057
2" Residential Metered ²	2,480,726	\$5.77	\$14,314	18	216	\$64.09	\$13,843	\$28,157
Total Residential Metered	478,169,360		\$2,759,037	11,323	135,876		\$8,708,293	\$11,467,330
Commercial Flat		-	-	60	720	\$84.31	\$60,703	\$60,703
Multi-unit Flat Rate		-	-	19	228	\$84.31	\$19,223	\$19,223
Metered Commercial								
5/8" Commercial Metered	29,090,179	\$5.77	\$167,850	496	5,952	\$64.09	\$381,464	\$549,314
3/4" Commercial Metered	291,747	\$5.77	\$1,683	4	48	\$64.09	\$3,076	\$4,760
1" Commercial Metered	8,133,735	\$5.77	\$46,932	33	396	\$160.23	\$63,449	\$110,381
1.5" Commercial Metered	4,882,983	\$5.77	\$28,175	16	192	\$320.45	\$61,526	\$89,701
2" Commercial Metered	19,407,808	\$5.77	\$111,983	54	648	\$512.72	\$332,243	\$444,226
3" Commercial Metered	6,424,868	\$5.77	\$37,071	4	48	\$961.35	\$46,145	\$83,216
4" Commercial Metered	810,950	\$5.77	\$4,679	1	12	\$1,602.25	\$19,227	\$23,906
6" Commercial Metered	6,306,610	\$5.77	\$36,389	2	24	\$3,204.50	\$76,908	\$113,297
8" Commercial Metered ³	9,968,592	\$5.77	\$57,519	1	12	\$5,127.20	\$61,526	\$119,045
Total Commercial Metered	85,317,472		\$492,282	611	7,332		\$1,045,564	\$1,537,846

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Public Staff's Revenue at Proposed Rates

CWSNC Sewer

Billing Type	Usage	Usage Rate	Usage Revenue	Customers	Monthly Rate x 12	Base Charge	Base Charge Revenue	Total Revenue
Regalwood/White Oaks	-	-	-	1,067	12,804	\$84.31	\$1,079,505	\$1,079,505
White Oaks School	-	-	-	1	12	\$2,283.50	\$27,402	\$27,402
Child Castle Daycare	-	-	-	1	12	\$292.74	\$3,513	\$3,513
Lancaster Highway Daycare ⁴	-	-	-	1	12	\$980.58	\$11,767	\$11,767
Availability Connestee/Transylvania	-	-	-	177	2,124	\$5.75	\$12,213	\$12,213
Availability Sapphire Valley	-	-	-	88	1,056	\$10.20	\$10,771	\$10,771
Total Uniform	563,486,832		\$3,251,319.02	15,164	181,968		\$12,816,238	\$16,067,557

Notes: (1) Residential Flat Customers excluding Regalwood/White Oak, White Oaks School, & Child Castle Daycare

(2) Residential water meters were oversized due to pressure issues in mountain systems. CWSNC and the Public Staff agreed that since the upsize was due to water, the sewer BFC should not also be raised.

(3) Danby added an 8" commercial customer July 13, 2021, Townhomes at Bridlestone (pending CE Sub 367). CWSNC provided usage data from 7/13 - 10/29 to project the amount of annual usage.

(4) Lancaster Hwy Daycare became an active customer in March 2021 (pending CE Sub 366). Charlotte water supplies water but does not currently provide CWSNC meter reads. Due to the lack of usage data, this customer is being charged based on 15.3 SFEs, similar to the rates for Child Castle Daycare and White Oaks School.

Purchased Sewer

Billing Type	Usage	Usage Rate	Usage Revenue	EOP Customers	EOP x 12 months	Base Charge	Base Charge Revenue	Total Revenue
College Park								
Residential Flat, Sewer only	-	-	-	1	12	\$84.31	\$1,012	\$1,012
5/8" Residential Metered	2,408,770	\$7.77	\$18,716	51	612	\$44.87	\$27,460	\$46,177
Total	2,408,770		\$0	52	624		\$28,472	\$47,188

Public Staff's Revenue at Proposed Rates

Purchased Sewer

Billing Type	Usage	Usage Rate	Usage Revenue	EOP Customers	EOP x 12 months	Base Charge	Base Charge Revenue	Total Revenue
Kings Grant - Charlotte								
5/8" Residential Metered	7,625,080	\$4.39	\$33,474	177	2,124	\$44.87	\$95,304	\$128,778
1" Residential Metered	204,120	\$4.39	\$896	1	12	\$44.87	\$538	\$1,435
Total	7,829,200		\$34,370	178	2,136		\$95,842	\$130,213

White Oak Plantation/Lee Forest/Winston Pointe

5/8" Residential Metered	27,451,855	\$6.45	\$177,064	509	6,108	\$44.87	\$274,066	\$451,130
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Subdivision Specific Rates

Fairfield Mountain

5/8" Res. Collection/Treatm.	10,682,669		-	380	4,560	\$134.87	\$615,007	\$615,007
3/4" Res. Collection/Treatm.	242,590		-	12	144	\$134.87	\$19,421	\$19,421
1" Res. Collection/Treatm.	1,186,381		-	12	144	\$134.87	\$19,421	\$19,421
Total Residential Collection	12,111,640		-	404	4,848		\$653,850	\$653,850
Small Commercial	188,360	\$13.93	\$2,624	6	72	\$103.00	\$7,416	\$10,040
Medium Commercial	1,256,203	\$13.93	\$17,499	11	132	\$182.00	\$24,024	\$41,523
Large Commercial	350,744	\$13.93	\$4,886	3	36	\$286.00	\$10,296	\$15,182
Total Commercial	1,795,307		\$25,009	20.00	240.00		\$41,736	\$66,745
Total	13,906,947		\$25,009	424	5,088		\$695,586	\$720,594

Mount Carmel

5/8" Residential Metered	15,305,857	\$6.51	\$99,641	379	4,548	\$52.36	\$238,133	\$337,774
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Public Staff's Revenue at Proposed Rates

Subdivision Specific Rates

Billing Type	Usage	Usage Rate	Usage Revenue	EOP Customers	EOP x 12 months	Base Charge	Base Charge Revenue	Total Revenue
The Ridges at Mountain Harbour								
5/8" Res. Collection/Treatm.	1,500,300		-	46	552	\$61.82	\$34,125	\$34,125
5/8" Comm. Collection/Treatm.	338,840		-	1	12	\$61.82	\$742	\$742
2" Comm. Collection/Treatm.	44,800		-	1	12	\$180.47	\$2,166	\$2,166
Total Commercial	383,640			2	24		\$2,907	\$2,907
Total	1,883,940			48	576		\$37,032	\$37,032
TOTAL (Uni. + S/D + Pur. Sewer)	632,273,401		\$3,587,403	16,754	201,048		\$14,185,369	\$17,791,489

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Public Staff's Revenue at Recommended Rates

CWSNC Water

Billing Type	Usage	Usage Rate	Usage Revenue	EOP Customers	EOP x 12 months	Base Charge	Base Charge Revenue	Total Revenue
Recommended Rates								
5/8" Residential Metered		\$11.52				\$24.13		
Metered Residential								
5/8" Residential Metered	932,495,699	\$11.52	\$10,742,350	20,402	244,824	\$24.13	\$5,907,603	\$16,649,954
3/4" Residential Metered	20,312,281	\$11.52	\$233,997	644	7,728	\$24.13	\$186,477	\$420,474
1" Residential Metered	6,795,764	\$11.52	\$78,287	78	936	\$60.33	\$56,464	\$134,751
1.5" Residential Metered	4,755,888	\$11.52	\$54,788	35	420	\$120.65	\$50,673	\$105,461
2" Residential Metered	2,623,792	\$11.52	\$30,226	22	264	\$193.04	\$50,963	\$81,189
Total Residential Metered	966,983,424		\$11,139,649	21,181	254,172		\$6,252,180	\$17,391,829
Flat Commercial	-		-	16	192	\$67.58	\$12,976	\$12,976
Metered Commercial								
5/8" Commercial Metered	12,094,650	\$11.52	\$139,330	244	2,928	\$24.13	\$70,653	\$209,983
3/4" Commercial Metered	642,639	\$11.52	\$7,403	33	396	\$24.13	\$9,555	\$16,959
1" Commercial Metered	8,802,738	\$11.52	\$101,408	44	528	\$60.33	\$31,852	\$133,259
1.5" Commercial Metered	5,830,363	\$11.52	\$67,166	24	288	\$120.65	\$34,747	\$101,913
2" Commercial Metered	21,817,019	\$11.52	\$251,332	70	840	\$193.04	\$162,154	\$413,486
3" Commercial Metered	7,000,494	\$11.52	\$80,646	5	60	\$361.95	\$21,717	\$102,363
4" Commercial Metered	810,950	\$11.52	\$9,342	1	12	\$603.25	\$7,239	\$16,581
6" Commercial Metered	3,837,540	\$11.52	\$44,208	2	24	\$1,206.50	\$28,956	\$73,164
Total Commercial Metered	60,836,393		\$700,835	423	5,076		\$366,873	\$1,067,708

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Public Staff's Revenue at Recommended Rates

CWSNC Water

Billing Type	Usage	Usage Rate	Usage Revenue	EOP Customers	EOP x 12 months	Base Charge	Base Charge Revenue	Total Revenue
Availability								
Linville Ridge (monthly)				41	492	\$14.60	\$7,182	\$7,182
Sapphire Valley (monthly)				716	8,592	\$10.79	\$92,684	\$92,684
Connestee (monthly)				375	4,500	\$5.69	\$25,600	\$25,600
Total Uniform	1,027,819,817		\$11,840,484	22,752	273,024		\$6,757,494	\$18,597,978

Purchased Water

Carolina Trace

5/8" Residential Metered	63,585,966	\$2.21	\$140,525	1,622	19,464	\$24.13	\$469,666	\$610,191
1" Residential Metered	63,750	\$2.21	\$141	1	12	\$60.33	\$724	\$865
2" Residential Metered	4,000	\$2.21	\$9	1	12	\$193.04	\$2,316	\$2,325
Total Residential	63,653,716		\$140,675	1,624	19,488		\$472,707	\$613,381
5/8" Commercial Metered	1,086,280	\$2.21	\$2,401	25	300	\$24.13	\$7,239	\$9,640
3/4" Commercial Metered	40,180	\$2.21	\$89	1	12	\$24.13	\$290	\$378
1" Commercial Metered	55,070	\$2.21	\$122	1	12	\$60.33	\$724	\$846
1.5" Commercial Metered	324,600	\$2.21	\$717	1	12	\$120.65	\$1,448	\$2,165
2" Commercial Metered	4,434,830	\$2.21	\$9,801	1	12	\$193.04	\$2,316	\$12,117
Total Commercial	5,940,960		\$13,130	29	348		\$12,017	\$25,146
Total	69,594,676		\$153,804	1,653	19,836		\$484,723	\$638,528

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Public Staff's Revenue at Recommended Rates

Purchased Water

Billing Type	Usage	Usage Rate	Usage Revenue	EOP Customers	EOP x 12 months	Base Charge	Base Charge Revenue	Total Revenue
Carolina Forest								
5/8" Residential Metered	7,587,001	\$3.19	\$24,203	214	2,568	\$24.13	\$61,966	\$86,168
1" Residential Metered	10,430	\$3.19	\$33	1	12	\$60.33	\$724	\$757
Total Residential	7,597,431		\$24,236	215	2,580		\$62,690	\$86,926
5/8" Commercial Metered	58,150	\$3.19	\$185	4	48	\$24.13	\$1,158	\$1,344
1" Commercial Metered	27,210	\$3.19	\$87	1	12	\$60.33	\$724	\$811
1.5" Commercial Metered	44,505	\$3.19	\$142	1	12	\$120.65	\$1,448	\$1,590
Total Commercial	129,865		\$414	6	72		\$3,330	\$3,744
Availability Bi-annual (1)			\$0	1,341	2,682	\$29.14	\$78,158	\$78,158
Total	7,727,296		\$24,650	1,562	5,334		\$144,178	\$168,828
Eastgate & Tanglewood South								
5/8" Residential Metered	6,625,540	\$5.55	\$36,772	156	1,872	\$24.13	\$45,171	\$81,943
5/8" Commercial Metered	4,610	\$5.55	\$26	1	12	\$24.13	\$290	\$315
Total	6,630,150		\$36,797	157	1,884		\$45,461	\$82,258

Notes:

1 Availability customers in Woodrun included with Carolina Forest availability customers

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Public Staff's Revenue at Recommended Rates

Purchased Water

Billing Type	Usage	Usage Rate	Usage Revenue	EOP Customers	EOP x 12 months	Base Charge	Base Charge Revenue	Total Revenue
High Vista Estates								
5/8" Residential Metered	11,794,659	\$4.72	\$55,671	234	2,808	\$24.13	\$67,757	\$123,428
1" Residential Metered	69,450	\$4.72	\$328	1	12	\$60.33	\$724	\$1,052
Total Residential	11,864,109		\$55,999	235	2,820		\$68,481	\$124,480
5/8" Commercial Metered	144,323	\$4.72	\$681	3	36	\$24.13	\$869	\$1,550
2" Commercial Metered	114,514	\$4.72	\$541	1	12	\$193.04	\$2,316	\$2,857
Total Commercial	258,837		\$1,222	4	48		\$3,185	\$4,407
Total	12,122,946		\$57,220	239	2,868		\$71,666	\$128,886
Riverbend Estates								
5/8" Residential Metered	6,081,974	\$8.10	\$49,264	142	1,704	\$24.13	\$41,118	\$90,382
Riverpointe								
5/8" Residential Metered	14,760,478	\$7.07	\$104,357	192	2,304	\$24.13	\$55,596	\$159,952
5/8" Commercial Metered	372,620	\$7.07	\$2,634	5	60	\$24.13	\$1,448	\$4,082
Total	15,133,098		\$106,991	197	2,364		\$57,043	\$164,034

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Public Staff's Revenue at Recommended Rates

Purchased Water

Billing Type	Usage	Usage Rate	Usage Revenue	EOP Customers	EOP x 12 months	Base Charge	Base Charge Revenue	Total Revenue
Whispering Pines								
5/8" Residential Metered	89,683,021	\$3.52	\$315,684	1,597	19,164	\$24.13	\$462,427	\$778,112
1" Residential Metered	1,611,740	\$3.52	\$5,673	16	192	\$60.33	\$11,582	\$17,256
Total Residential	91,294,761		\$321,358	1,613	19,356		\$474,010	\$795,367
5/8" Commercial Metered	1,864,440	\$3.52	\$6,563	28	336	\$24.13	\$8,108	\$14,671
1" Commercial Metered	2,052,200	\$3.52	\$7,224	6	72	\$60.33	\$4,343	\$11,567
1.5" Commercial Metered	608,410	\$3.52	\$2,142	5	60	\$120.65	\$7,239	\$9,381
2" Commercial Metered	408,700	\$3.52	\$1,439	1	12	\$193.04	\$2,316	\$3,755
4" Commercial Metered	700	\$3.52	\$2	1	12	\$603.25	\$7,239	\$7,241
Total Commercial	4,934,450		\$17,369	41	492		\$29,246	\$46,615
Total	96,229,211		\$338,727	1,654	19,848		\$503,255	\$841,982
White Oak Planation/Lee Forest/Winston Plantation/Winston Pointe								
5/8" Residential Metered	32,650,655	\$3.02	\$98,605	599	7,188	\$24.13	\$173,446	\$272,051
3/4" Residential Metered	64,740	\$3.02	\$196	1	12	\$24.13	\$290	\$485
Total Residential	32,715,395		\$98,800	600	7,200		\$173,736	\$272,536
1.5" Commercial Metered	433,700	\$3.02	\$1,310	1	12	\$120.65	\$1,448	\$2,758
Total	33,149,095		\$100,110	601	7,212		\$175,184	\$275,294
Willowbrook								
5/8" Residential Metered	5,669,326	\$3.02	\$17,121	169	2,028	\$24.13	\$48,936	\$66,057
1" Commercial Metered	141,650	\$3.02	\$428	1	12	\$60.33	\$724	\$1,152
Total	5,810,976		\$17,549	170	2,040		\$49,660	\$67,209

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Public Staff's Revenue at Recommended Rates

Purchased Water

Billing Type	Usage	Usage Rate	Usage Revenue	EOP Customers	EOP x 12 months	Base Charge	Base Charge Revenue	Total Revenue
Woodrun								
5/8" Residential Metered	19,188,966	\$3.19	\$61,213	476	5,712	\$24.13	\$137,831	\$199,043
1" Residential Metered	23,830	\$3.19	\$76	1	12	\$60.33	\$724	\$800
Total Residential	19,212,796		\$61,289	477	5,724		\$138,554	\$199,843
5/8" Commercial Metered	99,290	\$3.19	\$317	4	48	\$24.13	\$1,158	\$1,475
1" Commercial Metered	392,550	\$3.19	\$1,252	1	12	\$60.33	\$724	\$1,976
Total Commercial	491,840		\$1,569	5	60		\$1,882	\$3,451
Total	19,704,636		\$62,858	482	5,784		\$140,437	\$203,294
Yorktown								
5/8" Residential Metered	3,596,470	\$5.79	\$20,824	104	1,248	\$24.13	\$30,114	\$50,938
Zemosa Acres								
5/8" Residential Metered	11,809,514	\$5.52	\$65,189	237	2,844	\$24.13	\$68,626	\$133,814
3/4" Residential Metered	78,869	\$5.52	\$435	1	12	\$24.13	\$290	\$725
1" Residential Metered	84,490	\$5.52	\$466	3	36	\$60.33	\$2,172	\$2,638
Total Residential	11,972,873		\$66,090	241	2,892		\$71,087	\$137,177
1" Commercial Metered	183,858	\$5.52	\$1,015	1	12	\$60.33	\$724	\$1,739
Total	12,156,731		\$67,105	242	2,904		\$71,811	\$138,916
TOTAL (Uniform + Pur. Wat.)	1,315,757,076		\$12,876,384	29,955	346,050		\$8,572,143	\$21,448,527

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Public Staff's Revenue at Recommended Rates

CWSNC Sewer

Billing Type	Usage	Usage Rate	Usage Revenue	EOP Customers	EOP x 12 months	Base Charge	Base Charge Revenue	Total Revenue
Residential Flat¹		-	-	1,816	21,792	\$83.88	\$1,827,869	\$1,827,869
Metered Residential								
5/8" Residential Metered	456,197,545	\$11.50	\$5,246,272	11,032	132,384	\$40.50	\$5,361,552	\$10,607,824
3/4" Residential Metered	2,700,480	\$11.50	\$31,056	126	1,512	\$40.50	\$61,236	\$92,292
1" Residential Metered ²	12,167,221	\$11.50	\$139,923	114	1,368	\$40.50	\$55,404	\$195,327
1.5" Residential Metered ²	4,623,388	\$11.50	\$53,169	33	396	\$40.50	\$16,038	\$69,207
2" Residential Metered ²	2,480,726	\$11.50	\$28,528	18	216	\$40.50	\$8,748	\$37,276
Total Residential Metered	478,169,360		\$5,498,948	11,323	135,876		\$5,502,978	\$11,001,926
Commercial Flat		-	-	60	720	\$83.88	\$60,392	\$60,392
Multi-unit Flat Rate		-	-	19	228	\$83.88	\$19,124	\$19,124
Metered Commercial								
5/8" Commercial Metered	29,090,179	\$11.50	\$334,537	496	5,952	\$40.50	\$241,056	\$575,593
3/4" Commercial Metered	291,747	\$11.50	\$3,355	4	48	\$40.50	\$1,944	\$5,299
1" Commercial Metered	8,133,735	\$11.50	\$93,538	33	396	\$101.25	\$40,095	\$133,633
1.5" Commercial Metered	4,882,983	\$11.50	\$56,154	16	192	\$202.50	\$38,880	\$95,034
2" Commercial Metered	19,407,808	\$11.50	\$223,190	54	648	\$324.00	\$209,952	\$433,142
3" Commercial Metered	6,424,868	\$11.50	\$73,886	4	48	\$607.50	\$29,160	\$103,046
4" Commercial Metered	810,950	\$11.50	\$9,326	1	12	\$1,012.50	\$12,150	\$21,476
6" Commercial Metered	6,306,610	\$11.50	\$72,526	2	24	\$2,025.00	\$48,600	\$121,126
8" Commercial Metered ³	9,968,592	\$11.50	\$114,639	1	12	\$3,240.00	\$38,880	\$153,519
Total Commercial Metered	85,317,472		\$981,151	611	7,332		\$660,717	\$1,641,868

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CWSNC Sewer

Billing Type	Usage	Usage Rate	Usage Revenue	Customers	Monthly Rate x 12	Base Charge	Base Charge Revenue	Total Revenue
Regalwood/White Oaks	-	-	-	1,067	12,804	\$83.88	\$1,073,974	\$1,073,974
White Oaks School	-	-	-	1	12	\$1,503.77	\$18,045	\$18,045
Child Castle Daycare	-	-	-	1	12	\$192.78	\$2,313	\$2,313
Lancaster Highway Daycare ⁴	-	-	-	1	12	\$619.65	\$7,436	\$7,436
Availability Connestee/Transylvania	-	-	-	177	2,124	\$6.06	\$12,873	\$12,873
Availability Sapphire Valley	-	-	-	88	1,056	\$10.75	\$11,353	\$11,353
Total Uniform	563,486,832		\$6,480,098.57	15,164	181,968		\$9,197,076	\$15,677,174

Note: (1) Residential Flat Customers excluding Regalwood/White Oak, White Oaks School, & Child Castle Daycare

(2) Residential water meters were oversized due to pressure issues in mountain systems. CWSNC and the Public Staff agreed that since the upsize was due to water, the sewer BFC should not also be raised.

(3) Danby added an 8" commercial customer July 13, 2021, Townhomes at Bridlestone (pending CE Sub 367). CWSNC provided usage data from 7/13 - 10/29 to project the amount of annual usage.

(4) Lancaster Hwy Daycare became an active customer in March 2021 (pending CE Sub 366). Charlotte water supplies water but does not currently provide CWSNC meter reads. Due to the lack of usage data, this customer is being charged based on 15.3 SFEs, similar to the rates for Child Castle Daycare and White Oaks School.

Purchased Sewer

Billing Type	Usage	Usage Rate	Usage Revenue	EOP Customers	EOP x 12 months	Base Charge	Base Charge Revenue	Total Revenue
College Park								
Residential Flat, Sewer only	-	-	-	1	12	\$83.88	\$1,007	\$1,007
5/8" Residential Metered	2,408,770	\$7.77	\$18,716	51	612	\$28.35	\$17,350	\$36,066
Total	2,408,770		\$0	52	624		\$18,357	\$37,073

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Purchased Sewer

Billing Type	Usage	Usage Rate	Usage Revenue	EOP Customers	EOP x 12 months	Base Charge	Base Charge Revenue	Total Revenue
Kings Grant - Charlotte								
5/8" Residential Metered	7,625,080	\$4.39	\$33,474	177	2,124	\$28.35	\$60,215	\$93,690
1" Residential Metered	204,120	\$4.39	\$896	1	12	\$28.35	\$340	\$1,236
Total	7,829,200		\$34,370	178	2,136		\$60,556	\$94,926

White Oak Plantation/Lee Forest/Winston Pointe

5/8" Residential Metered	27,451,855	\$6.45	\$177,064	509	6,108	\$28.35	\$173,162	\$350,226
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Subdivision Specific Rates

Fairfield Mountain

5/8" Res. Collection/Treatm.	10,682,669		-	380	4,560	\$118.35	\$539,676	\$539,676
3/4" Res. Collection/Treatm.	242,590		-	12	144	\$118.35	\$17,042	\$17,042
1" Res. Collection/Treatm.	1,186,381		-	12	144	\$118.35	\$17,042	\$17,042
Total Residential Collection	12,111,640		-	404	4,848		\$573,761	\$573,761
Small Commercial	188,360	\$13.93	\$2,624	6	72	\$103.00	\$7,416	\$10,040
Medium Commercial	1,256,203	\$13.93	\$17,499	11	132	\$182.00	\$24,024	\$41,523
Large Commercial	350,744	\$13.93	\$4,886	3	36	\$286.00	\$10,296	\$15,182
Total Commercial	1,795,307		\$25,009	20.00	240.00		\$41,736	\$66,745
Total	13,906,947		\$25,009	424	5,088		\$615,497	\$640,505

Mount Carmel

5/8" Residential Metered	15,305,857	\$6.51	\$99,641	379	4,548	\$35.84	\$163,000	\$262,641
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Subdivision Specific Rates

Billing Type	Usage	Usage Rate	Usage Revenue	EOP Customers	EOP x 12 months	Base Charge	Base Charge Revenue	Total Revenue
The Ridges at Mountain Harbour								
5/8" Res. Collection/Treatm.	1,500,300		-	46	552	\$45.30	\$25,006	\$25,006
5/8" Comm. Collection/Treatm.	338,840		-	1	12	\$45.30	\$544	\$544
2" Comm. Collection/Treatm.	44,800		-	1	12	\$163.95	\$1,967	\$1,967
Total Commercial	383,640			2	24		\$2,511	\$2,511
Total	1,883,940			48	576		\$27,517	\$27,517
TOTAL (Uni. + S/D + Pur. Sewer)	632,273,401		\$6,816,183	16,754	201,048		\$10,255,164	\$17,090,063

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Public Staff's Revenue at Recommended Rates

Water

Bradfield Farms/Fairfield Harbour/Treasure Cove

Billing Type	Usage	Usage Rate	Usage Revenue	EOP Customers	EOP x 12 months	Base Charge	Base Charge Revenue	Total Revenue
5/8" Residential Metered	156,096,689	\$6.60	\$1,030,238	3,170	38,040	\$16.55	\$629,562	\$1,659,800
3/4" Residential Metered	6,291,958	\$6.60	\$41,527	102	1,224	\$16.55	\$20,257	\$61,784
1" Residential Metered	192,770	\$6.60	\$1,272	2	24	\$41.38	\$993	\$2,265
2" Residential Metered	57,000	\$6.60	\$376	1	12	\$132.40	\$1,589	\$1,965
Total Residential Metered	162,638,417		\$1,073,414	3,275	39,300		\$652,401	\$1,725,815
5/8" Commercial Metered	1,476,170	\$6.60	\$9,743	19	228	\$16.55	\$3,773	\$13,516
1" Commercial Metered	300,751	\$6.60	\$1,985	5	60	\$41.38	\$2,483	\$4,467
1.5" Commercial Metered	727,620	\$6.60	\$4,802	5	60	\$82.75	\$4,965	\$9,767
2" Commercial Metered	292,700	\$6.60	\$1,932	2	24	\$132.40	\$3,178	\$5,109
Total Commercial Metered	2,797,241		\$18,462	31	372		\$14,399	\$32,860
Availability				901	10,812	\$4.48	\$48,389	\$48,389
Total	165,435,658		\$1,091,875	4,207	50,484		\$715,188	\$1,807,064

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Public Staff's Revenue at Recommended Rates

Sewer

Bradfield Farms/Fairfield Harbour

Billing Type	Usage	Usage Rate	Usage Revenue	EOP Customers	EOP x 12 months	Base Charge	Base Charge Revenue	Total Revenue
Residential Flat				159	1,908	\$60.40	\$115,235	\$115,235
Metered Residential Flat (5/8" & 3/4")				2,956	35,472	\$60.40	\$2,142,361	\$2,142,361
Bulk Sewer				327.5	3,930	\$60.40	\$237,356	\$237,356
Total Residential				3,442.5	41,310		\$2,494,952	\$2,494,952
5/8" Commercial Metered	906,070	\$2.69	\$2,437	11	132	\$49.27	\$6,504	\$8,941
3/4" Commercial Metered	67,430	\$2.69	\$181	3	36	\$49.27	\$1,774	\$1,955
1" Commercial Metered	10,670	\$2.69	\$29	1	12	\$123.18	\$1,478	\$1,507
1.5" Commercial Metered	289,720	\$2.69	\$779	4	48	\$246.35	\$11,825	\$12,604
2" Commercial Metered		\$2.69	-	-	-	\$394.16	\$0	\$0
Total Commercial	1,273,890		\$3,427	19	228		\$21,580	\$25,007
Availability				902	10,824	\$3.20	\$34,661	\$34,661
Total				4,364	52,362		\$2,551,194	\$2,554,620