



Town of River Bend

Fiscal Year
2022-2023
Budget Workshop

Session III



**This presentation and all of the previous
presentations for the FY22-23 budget
workshops are
available on the Town's webpage at:**

www.riverbendnc.org

Town of River Bend

Mayor and Town Council Priorities for Fiscal Year 2022-23 (approved 1-22-22)

Our Vision Statement

River Bend is a dynamic and uniquely located waterfront and golfing community well prepared to benefit from the area's historical and natural resources. By protecting its assets and actively fostering a diverse multi-aged population, the River Bend community will continue to be a safe, attractive place to live and will be competitively positioned to participate in the broader area's economic and population growth.

Maintain a commitment to the Council-Manager form of government, and to support an adequate and well-trained staff to serve the current and future needs of the community.

Continue to cooperate regionally and with other municipalities and, where appropriate, share ideas and resources.

Continue to work with advisory boards as a means to encourage citizen participation in Town government.

Continue to be good stewards of the natural environment through planned stormwater and floodplain management efforts.

Continue to employ sound fiscal management practices to ensure the long-term financial viability of the Town.

Continue to operate wastewater treatment facilities to maintain regulatory compliance and serve the current and future needs of the Town.

Continue to provide a safe, dynamic, and attractive community for people of all ages, and continue to address the changing demographic composition of the Town.

Maintain a visionary posture, acknowledging that change is inevitable.

Continue to conduct the business of the Town with complete transparency and integrity.

Continue to provide safe drinking water and quality treatment of wastewater through sound maintenance of the current systems and continued prudent fiscal management of the utilities.

Changes Since Last Meeting

Town of River Bend

Fiscal Year 2022-2023 Budget Workshop

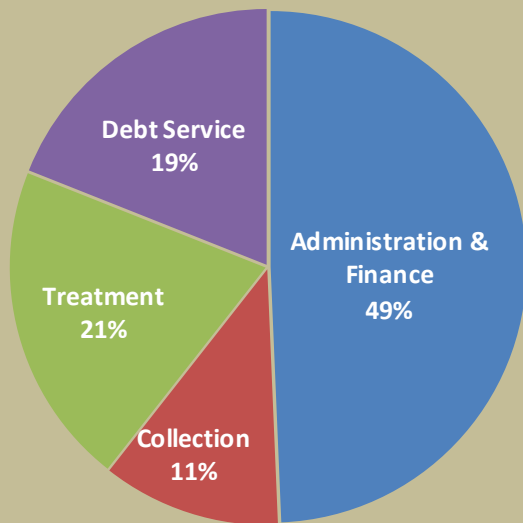
May 10, 2022

- 25. Water and Sewer Fund Cash Levels**
- 26. Water Fund Departments**
- 27. Sewer Fund Departments**
- 28. Utility Financial Model**
- 29. Water and Sewer Revenue/Expense**

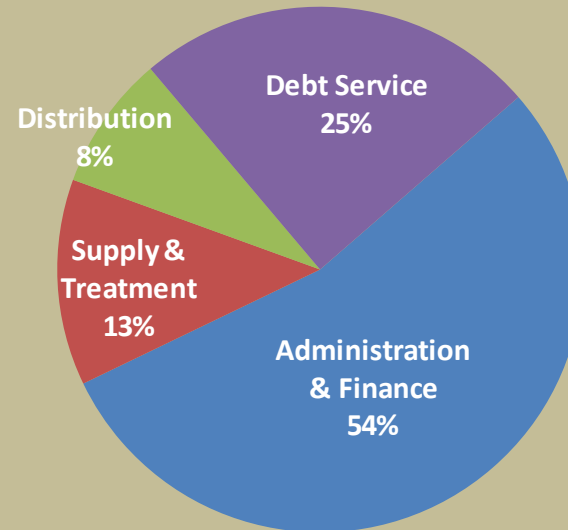
Our Enterprise Funds are the Water & Sewer Funds

Each one is operated separately

SEWER



WATER



Each has 3 departments and each has debt service. These charts represent the percentage of FY 22-23 spending that each area represents. No general fund revenues support these funds. Debt service is paid from the Administration & Finance Department in both funds.

Enterprise Fund Debt Service

Payment Date		Debt Service on Series 2013 Refunding Bonds				Debt Service Requirement
		Principal	Rate	Interest	Total	
6/1/2013			0.00%	15,043	\$ 15,043	\$ 188,542.92
12/1/2013	\$ 2,960,000		0.00%	34,275	\$ 34,275	38,650.00
6/1/2014		25,000	2.00%	34,275	\$ 59,275	238,650.00
12/1/2014	\$ 2,935,000		0.00%	34,025	\$ 34,025	34,025.00
6/1/2015		205,000	2.00%	34,025	\$ 239,025	239,025.00
12/1/2015	\$ 2,730,000		0.00%	31,975	\$ 31,975	31,975.00
6/1/2016		205,000	2.00%	31,975	\$ 236,975	236,975.00
12/1/2016	\$ 2,525,000		0.00%	29,925	\$ 29,925	29,925.00
6/1/2017		215,000	2.00%	29,925	\$ 244,925	244,925.00
12/1/2017	\$ 2,310,000		0.00%	27,775	\$ 27,775	27,775.00
6/1/2018		215,000	2.00%	27,775	\$ 242,775	242,775.00
12/1/2018	\$ 2,095,000		0.00%	25,625	\$ 25,625	25,625.00
6/1/2019		220,000	2.00%	25,625	\$ 245,625	245,625.00
12/1/2019	\$ 1,875,000		0.00%	23,425	\$ 23,425	23,425.00
6/1/2020		225,000	2.00%	23,425	\$ 248,425	248,425.00
12/1/2020	\$ 1,650,000		0.00%	21,175	\$ 21,175	21,175.00
6/1/2021		235,000	2.00%	21,175	\$ 256,175	256,175.00
12/1/2021	\$ 1,415,000		0.00%	18,825	\$ 18,825	18,825.00
6/1/2022		240,000	2.00%	18,825	\$ 258,825	258,825.00
12/1/2022	\$ 1,175,000		0.00%	16,425	\$ 16,425	16,425.00
6/1/2023		240,000	2.00%	16,425	\$ 256,425	256,425.00
12/1/2023	\$ 935,000		0.00%	14,025	\$ 14,025	14,025.00
6/1/2024		235,000	3.00%	14,025	\$ 249,025	249,025.00
12/1/2024	\$ 700,000		0.00%	10,500	\$ 10,500	10,500.00
6/1/2025		230,000	3.00%	10,500	\$ 240,500	240,500.00
12/1/2025	\$ 470,000		0.00%	7,050	\$ 7,050	7,050.00
6/1/2026		235,000	3.00%	7,050	\$ 242,050	242,050.00
12/1/2026	\$ 235,000		0.00%	3,525	\$ 3,525	3,525.00
6/1/2027		235,000	3.00%	3,525	\$ 238,525	238,525.00
Totals	\$ -	\$ 2,960,000		612,143	\$ 3,572,143	\$ 3,929,392.92

This chart shows our debt service amounts for FY 23 (highlighted) and future years.

Enterprise Funds – Debt Service – Refunded Debt

Bond Issue

AMOUNT	PERCENT	FUND
1,588,384	53.6616%	Water
1,371,616	46.3384%	Sanitary Sewer
2,960,000	100.0000%	

This General Obligation Bond is used to finance the purchase of the Water and Sewer systems from Carolina Water Service.

Fiscal Year 2022-23 Debt Obligations Summary										
Year Issued	Project	Loan Type	Amount Issued	Fiscal Year Retired	Interest Rate	Debt as of 7/1/2022	FY 22-23 Principal	FY 22-23 Interest	Total Payment	Debt as of 6/30/2023
Water Fund										
2013*	Purchase of Water System	General Obligation Bond	1,588,384	2027	2 -3 % **	630,475	128,788	17,628	146,416	501,687
	Remaining Water Debt at end of Fiscal Year		501,687							
Sewer Fund										
2013*	Purchase of Sewer System	General Obligation Bond	1,371,616	2027	2 -3 % **	544,525	111,212	15,222	126,434	433,313
	Remaining Sewer Debt at end of Fiscal Year		433,313		TOTAL	1,175,000				\$ 935,000
					** Rate changes per schedule					
* 1997 and 2000 USDA debt refinanced with bonds in FY2005; savings of \$2.4 million.										
Series 2004 bonds refunded in FY2013 - savings of \$300,000.										

Enterprise Fund Debt



For every dollar proposed to be spent in the Enterprise Fund, 22 cents goes toward retirement of debt for the purchase of the water and sewer systems.

Debt as a Percentage of Total Expense in FY 22-23

Water = 25% (\$146,416)

Sewer = 19% (\$126,434)

TOTAL \$272,850

Both mature in 2027

Enterprise Fund Summary

(after the same variables as discussed in the General Fund are applied)

- Represents a 10.17% decrease in spending over last year (-\$143,128)
- No fee or rate increase from the fees as approved on 4-21-22.
- Maintains all current programs and services
- Includes \$732,810 grant funded water meter project (capital project)
- Funds all employee compensation costs as discussed in General Fund
- Provides funding for \$272,850 for debt service
- Includes \$28,404 for water tank maintenance contract
- Includes \$37,165 of appropriated fund balance in water (-79% vs. budgeted in FY22)
- Includes \$55,000 funding for capital and equipment purchases
- Includes \$44,730 of appropriated fund balance in Sewer Fund (-61% vs. budgeted in FY22)
- Continues providing fire hydrant fees into revenue
- Includes \$15,000 for ASADRA fee and \$7,500 for grant application
- Eliminates \$59,500 annual funding expense in sewer CIP for FY23

Water Capital Improvement Plan (CIP)

CAPITAL IMPROVEMENT PLAN									
Water Fund									
		2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	2026-2027	2027-2032
Appropriation: Annual		0		745,810	20,000	40,000			100,000
Appropriation: Well pump		0	0	0	0				
Appropriation: Vehicles (50/50 W/S)		3,500	3,500	3,500	3,500	3,500	3,500	3,500	17,500
FY Appropriation:		\$ 3,500	\$ 3,500	\$ 749,310	\$ 23,500	\$ 43,500	\$ 3,500	\$ 3,500	\$ 117,500
Capital Projects	Project Completed								
<i>Administration:</i>									
Vehicle Replacement (split Water/Sewer)	Per schedule	11,000							15,000
Equipment-backhoe (split with water and general)			30,000						
<i>Treatment</i>									
Well #1 Filter Media Rehab	09-10			13,000					17,000
Well #2 Filter Media Rehab						15,000			
Treatment House interior filter painting		12,000							
Well #3 Filter Media Rehab	10-11								17,000
Well #1 Pump Replacement	13-14				23,000				20,000
Well Meter Replacement									
AMR/AMI Meter Replacement				732,810					
<i>Distribution</i>									
Line Replacement	12-13								25,000
Howell Center and Riverstone Backflow	11-12								
Harbourwalk Line Replacement	13-14								
New Bern Interconnection									40,000
Industrial Meter Replacement									
Lines & Tanks									
FY Expenditures:		23,000	30,000	745,810	23,000	15,000	-	-	134,000
		2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	2026-2027	2027-2032
Net Capital Cash:		\$ (19,500)	\$ (26,500)	\$ 3,500	\$ 500	\$ 28,500	\$ 3,500	\$ 3,500	\$ (16,500)

Sewer Capital Improvement Plan (CIP)

CAPITAL IMPROVEMENT PLAN		Adopted April 21, 2022							
Sewer Fund		2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	2026-2027	2028-2032
Appropriation: Annual		59,500	-	-	59,500	59,500	59,500	59,500	297,500
Appropriation: Vehicles (50/50 W/S)		3,500	3,500	3,500	3,500	3,500	3,500	3,500	20,000
	FY Appropriations:	\$ 63,000	\$ 3,500	\$ 3,500	\$ 9,171,500	\$ 63,000	\$ 63,000	\$ 63,000	\$ 317,500
Capital Projects	Project Completed								
Administration:									
Vehicle Replacement (split Water/Sewer)	Per schedule	11,000							31,000
Equipment-Backhoe(split with water and general)			30,000						
Collection:									
Upgrade Main Lift Station	13-14						20,000		
Upgrade Lift Station/Manholes/Pumps			30,000						60,000
Backup Generator									
Treatment:									
Unit #1 Clarifier Skimmer Replacement				20,000					
Diverter Boxes									
Unit #2 Clarifier Repair	14-15								
Soft start for WWTP blowers/blower motor	15-16								25,000
WWTP Lift Station repair	15-16								
Surge Tank rehab								60,000	
WWTP Enhancements (As designed by Rivers & Associates)					9,108,500				
	FY Expenditures:	38,600	60,000	20,000	9,108,500	0	20,000	60,000	116,000
		2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	2026-2027	2028-2032
	Net Capital Cash:	\$ 24,400	\$ (56,500)	\$ (16,500)	\$ 63,000	\$ 63,000	\$ 43,000	\$ 3,000	\$ 201,500

Capital and Other Significant Projects

Water

Water Tank Maintenance	28,404
ASADRA closing costs	9,750
1/2 engineering for grant application	3,750
Filter media replacement	<u>13,000</u>
TOTAL	\$54,904

Sewer

Blower Maintenance	9,374
Skimmer Replacement	20,000
1/2 engineering for grant application	3,750
ASADRA closing costs	5,250
Sewer camera	15,000
Sewer drain cleaner	<u>7,000</u>
TOTAL	\$60,374

Water Operations

Water – System “Snapshot”

Three groundwater wells with a combined capacity of 925,000 gallons per day.

Two elevated storage tanks with a combined capacity of 400,000 gallons.

In FY 2021 we treated 90,507,000 gallons of water (average of 247,947 gallons per day).

Water is transmitted to 1,464 current users (meters) through 19 miles of pipe ranging in size from 2 to 8 inches in diameter.

There are 109 hydrants located throughout the system in order to give the fire department ample access to water for their work.



Water Admin & Finance		19-20		20-21		21-22			22-23
Page 1 of 2		Current	Actual	Current	Actual	Current	Expend.	Projected	Proposed
60-7125		Budget	Year-End	Budget	Year-End	Budget	as of	Year-End	Budget
						03/10/22	02/28/22		
121	Wages & Salaries	101,487	100,579	106,687	109,652	111,025	72,997	109,312	106,910
122	Overtime	1,000	248	1,001	268	1,000	830	1,000	1,000
134	401(k) Retirement	4,944	5,099	5,195	5,493	5,184	3,645	5,516	5,204
181	FICA	7,565	7,722	7,948	8,323	7,932	5,614	8,439	8,255
182	Loc Govt Emp Retirement	9,263	9,127	11,006	11,151	12,252	7,982	12,520	13,095
183	Group Insurance	18,736	13,578	16,164	13,331	17,051	7,750	14,966	15,987
185	Unemployment Comp.	0	5	0	9	0	99	99	0
186	Workers' Compensation Ins.	3,140	3,365	3,315	3,106	3,412	2,669	2,669	3,243
310	Travel & Subsistence	850	46	500	54	500	4	250	500
395	Training	1,000	155	647	0	600	161	300	600
191	Auditing Service	4,667	4,667	5,567	5,567	5,667	4,833	4,833	5,733
192	Professional Service - Legal	1,000	1,897	1,000	2,449	1,000	1,112	1,112	1,000
193	Engineering Services	1,000	0	500	0	4,494	0	0	4,494
381	Other IT Services	500	1,429	920	2,699	3,799	3,860	4,152	992
382	Banking Services	1,610	874	988	1,219	1,243	837	1,277	1,243
393	Temporary Help Services	0	0	0	0	0	0	0	0
399	Contracted Services	7,315	6,808	8,251	7,271	8,062	3,887	5,306	8,616
440	VC3 IT Service & Maint.	14,539	13,014	16,623	17,293	19,467	13,576	19,744	19,829
441	EdmundsService & Maint.	4,992	4,991	5,241	5,242	5,503	5,504	5,504	9,002
482	Indirect Cost- Labor	92,422	92,424	94,951	94,951	92,200	61,467	92,200	99,077
481	Labor Allocation	-36,608	-36,608	-38,025	-38,025	-38,869	-25,913	-38,869	-38,303
212	Uniforms	2,974	2,819	3,179	2,492	3,179	1,255	2,335	3,180
251	Motor Fuel	2,812	1,916	2,812	1,748	2,981	1,943	3,243	3,979
260	Office Supplies	2,500	2,482	2,300	3,054	2,300	1,532	2,300	2,300
320	Telephone & Postage	6,600	6,189	6,600	5,994	6,600	4,034	6,105	6,165
340	Printing	0	0	0	0	0	0	0	0
353	Vehicle Maint. & Repair	1,500	809	500	698	600	488	600	822
370	Advertising	0	0	0	0	0	397	397	0
391	Legal Advertising	0	0	0	0	0	376	376	0
430	Bldg & Equip Rental	9,000	9,000	9,000	9,000	9,000	6,000	9,000	9,000
450	Insurance: Prop/Liab	12,345	11,547	13,583	12,949	14,928	13,816	13,816	17,412
491	Dues & Subscriptions	1,400	1,454	1,450	1,475	1,500	1,348	1,348	1,500

Water Administration and Finance Continued

Water Admin & Finance Page 2 of 2 60-7125		19-20		20-21		21-22		Projected Year-End	22-23 Proposed Budget
		Current Budget	Actual Year-End	Current Budget	Actual Year-End	Current Budget 03/10/22	Expend. as of 02/28/22		
520	Capital Outlay - Comp. Eq.	0	0	0	0	38,793	34,965	38,793	0
540	Capital Outlay - Mot Veh	0	0	11,000	11,680	0	0	0	0
550	Capital Outlay- Equipment	0	0	0	0	30,000	0	30,000	0
580	Capital Outlay- Buildings	0	0	0	0	0	0	0	0
710	Bond Principal Payment	120,739	120,739	126,105	126,105	128,788	0	128,788	128,788
720	Bond Interest Payment	25,140	25,140	22,726	22,726	20,204	10,102	20,204	17,628
499	Miscellaneous-ASADRA Closing Fee	0	0	0	0	250	0	0	9,750
	TOTAL	424,432	411,512	447,734	447,971	520,645	247,168	507,633	467,000

Water – Administration & Finance

121 – Wages & Salaries – Wages & Benefits per allocation table discussed in the first budget workshop (40% utility operators, 50% finance asst., PW Director)

310/395 – Training and travel - \$1,100

193 – Engineering Services – \$4494 (\$3,750 for engineering for AIA grant)

399 – Contracted Services –

Reverse 911 (Blackboard)	969	(\$3,877 total, 50% Gen, 25% water, 25% sewer)
Locate Plus	375	(\$750 total, 50% water, 50% sewer)
Mowing Contract	2,664	(10% of base lawn bid - refer to General Fund)
Elster Support	1,950	(\$3,000 total, 65% water, 35% sewer)
Work Order Software	1,202	(\$3,006 total, 40% Gen., 40% water, 20% sewer)
Formax Stuffer/sealer	423	(\$650 total, 65% water, 35% sewer)
Misc Services	<u>1033</u>	
	\$8,616	

440 – IT Services – VC3 Services (\$66,096 total, 40% General Fund, 30% water, 30% sewer)

Water – Administration & Finance

441 – Edmunds/Springbrook – Software maintenance (40% general, 30%water, 30% sewer \$9,002 for water)

251 – Vehicle Fuel – Fuel for vehicles – based upon an estimate of \$4.00 per gallon

260 – Office Supplies – \$2,300

430 – Building and Equipment Rental – The rental of office space from the general fund (\$750 per month/ per utility). \$18,000 per year total, \$9,000 water, \$9,000 sewer.

499- Miscellaneous- ASADRA Closing \$15,000 total split with sewer

550 Capital Outlay- none

Water Supply and Treatment		19-20		20-21		21-22			22-23
		Current Budget	Actual Year-End	Current Budget	Actual Year-End	Current Budget 03/10/22	Expend. as of 02/28/22	Projected Year-End	Proposed Budget
60-7132									
398	Testing	9,000	11,296	9,000	8,321	9,200	5,819	9,200	9,200
399	Contracted Services	5,200	6,299	5,200	386	5,200	675	3,000	5,200
298	Chemicals	12,733	9,122	12,732	11,605	13,132	9,194	13,132	13,132
299	Supplies & Materials	17,900	10,342	17,900	2,482	14,200	2,678	10,500	15,800
330	Utilities	8,100	7,319	8,600	7,834	8,600	5,586	8,379	9,000
351	Maint & Repair- Bldg	2,500	729	2,500	2,252	2,500	0	1,200	2,500
352	Maint & Repair- Equip	4,500	1,797	4,500	998	4,600	276	2,500	4,600
430	Bldg & Equip Rental	0	0	0	0	0	0	0	0
496	Permit Fees	2,210	1,730	1,800	1,730	1,800	1,730	1,800	1,800
499	Miscellaneous	1,000	0	768	0	768	0	768	768
550	Capital Outlay- Equipment	7,333	8,367	12,000	11,980	0	0	0	13,000
580	Capital Outlay-Grounds & Bld	0	0	0	0	0	0	0	0
595	Capital Outlay-Wells/Pumps	0	0	0	0	0	0	0	0
	TOTAL	70,476	57,001	75,000	47,588	60,000	25,958	50,479	75,000

Water – Supply & Treatment

399 - Contracted Services – Electrical, calibrate meters, grit removal and other needs

299- Supplies & Materials- Includes small equipment purchases

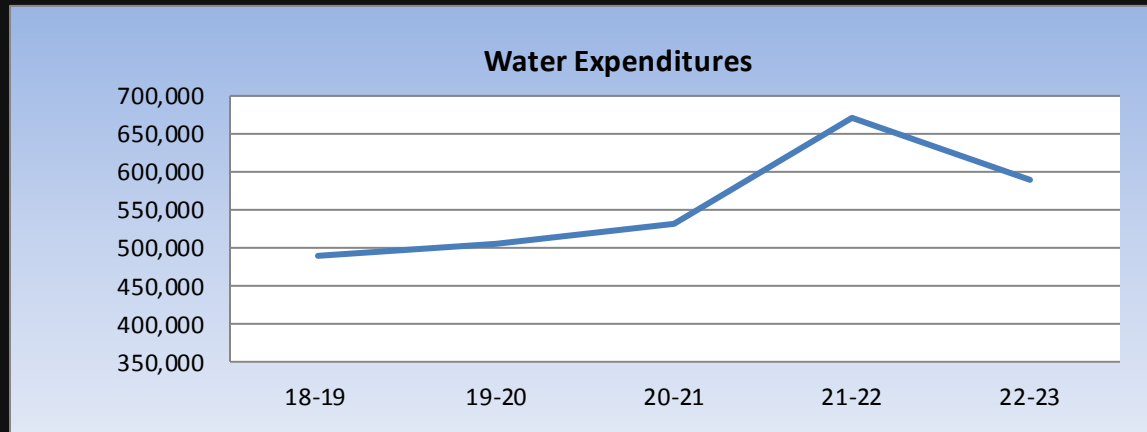
550 - Capital Outlay- \$13,000 for filter media replacement

Water Distribution 60-7134		19-20		20-21		21-22			22-23
		Current	Actual	Current	Actual	Current	Expend.	Projected	Proposed
		Budget	Year-End	Budget	Year-End	Budget	as of	Year-End	Budget
						03/10/22	02/28/22		
397	Meter Reading System	0	0	41,400	250	41,400	0	41,400	0
399	Contracted Services	22,410	674	7,350	877	7,350	559	7,350	7,596
442	Water Tower Service Contract	28,434	28,433	28,434	28,433	28,404	28,404	28,404	28,404
299	Supplies & Materials	6,400	7,512	6,216	5,983	8,246	3,463	8,246	9,000
352	Maint & Repair- Equip	2,000	0	2,000	0	2,000	0	1,000	2,000
430	Bldg & Equip Rental	2,000	70	2,000	337	2,000	205	1,000	2,000
550	Capital Outlay- Equipment	0	0	0	0	0	0	0	0
596	Capital Outlay- Lines/Tanks	0	0	0	0	0	0	0	0
	TOTAL	61,244	36,689	87,400	35,880	89,400	32,631	87,400	49,000

Water – Distribution

399 - Contracted Services - NC One Call	500
Alarm (well monitoring)	350
Leak Repair Contingency	<u>6,746</u>
	\$7,596
442 – Water Tower (2) Service Contract – Annual maintenance	\$28,404
299 - Supplies & Materials –	
Various Supplies	780
Water Meters	2,400
Pipe and Fittings	3,820
Other Small Equipment	<u>2,000</u>
	\$9,000
596 – Capital Outlay- No project funded	

Water - Summary



Water	18-19	19-20	20-21	21-22	22-23	Change v. prior year	
	Actual	Actual	Actual	Budget	Proposed	%	\$
Administration & Finance	406,910	411,512	447,971	520,645	467,000	-10.30%	-53,645
Supply & Treatment	43,214	57,001	47,588	60,000	75,000	25.00%	15,000
Distribution	40,139	36,689	35,880	89,400	49,000	-45.19%	-40,400
TOTAL (less transfer and contingency)	490,263	505,202	531,439	670,045	591,000	-11.80%	-79,045

Change in Budgeted Expenditure

-79,045

Sewer Operations

Sewer – System “Snapshot”

Currently serving 966 users.

Transmitted via approximately 11 miles gravity and force main pipes.

Eight lift stations pressurize portions of the system so the waste is efficiently moved to our treatment facility on Gull Pointe Drive.

Treatment plant permitted capacity of 330,000 gallons per day and discharges treated effluent to the Trent River.

In FY 2021, we treated 41,902,000 gallons of wastewater (average of 115,067 gallons per day).



Sewer Admin & Finance Page 1 of 2 61-7125		19-20		20-21		21-22			22-23
		Current	Actual	Current	Actual	Current	Expend.	Projected	Proposed
		Budget	Year-End	Budget	Year-End	Budget 03/10/22	as of 02/28/22	Year-End	Budget
121	Wages & Salaries	112,942	111,851	118,899	121,914	123,106	81,383	121,802	119,893
122	Overtime	1,000	443	1,000	717	1,000	1,070	1,000	1,000
134	401(k) Retirement	5,497	5,673	5,785	6,140	5,776	4,076	6,140	5,832
181	FICA	8,409	8,595	8,852	9,301	8,839	6,270	9,394	9,248
182	Loc Govt Emp Retirement	10,300	10,155	12,256	12,464	13,650	8,908	13,938	14,674
183	Group Insurance	20,712	14,948	17,870	14,735	18,851	8,562	17,639	17,680
185	Unemployment Comp.	0	5	0	9	0	99	99	0
186	Workers' Compensation Ins.	3,651	3,912	3,863	3,627	3,982	3,132	3,132	3,805
310	Travel & Subsistence	750	68	750	171	750	71	250	800
395	Training	1,000	155	973	0	983	161	250	1,000
191	Auditing Service	4,600	4,667	5,567	5,567	5,667	4,833	4,833	5,733
192	Professional Service - Legal	1,000	1,897	1,000	2,449	1,000	1,112	1,112	1,000
193	Engineering Services	2,000	0	2,000	0	4,494	0	0	4,494
381	Other IT Services	550	1,428	520	2,999	3,897	3,860	4,152	992
382	Banking Services	1,525	851	936	1,157	1,177	793	1,157	1,177
393	Temporary Help Services	0	0	0	0	0	0	0	0
399	Contracted Services	3,823	3,248	3,980	3,683	4,097	2,048	2,528	4,256
440	VC3 IT Service & Maint.	14,539	13,014	16,623	17,293	19,467	13,576	19,756	19,829
441	Edmunds Service & Maint.	4,992	4,991	5,241	5,242	5,503	5,504	5,504	6,400
482	Indirect Costs- Labor	92,422	92,424	94,951	94,951	92,200	61,467	92,200	99,077
481	Labor Allocation	-36,608	-36,608	-38,025	-38,025	-38,869	-25,913	-38,869	-38,303
212	Uniforms	2,974	2,819	3,179	2,492	3,179	1,255	2,335	3,179
251	Motor Fuel	2,812	1,916	2,812	1,748	2,981	1,943	3,243	3,979
260	Office Supplies	2,425	2,422	2,425	3,054	2,425	1,532	2,425	2,425
320	Telephone & Postage	5,500	4,966	5,500	4,713	5,500	3,145	5,500	4,760
340	Printing	0	0	0	0	0	0	0	0
353	Vehicle Maint. & Repair	750	809	750	698	750	488	750	1,080
370	Advertising	0	0	0	0	0	214	214	0
430	Bldg & Equip Rental	9,000	9,000	9,000	9,000	9,000	6,000	9,000	9,000
450	Insurance: Prop/Liab	15,139	13,790	15,758	15,331	16,727	16,279	16,279	19,407
491	Dues & Subscriptions	900	943	900	923	900	794	900	900

Sewer Administration and Finance Continued

Sewer Admin & Finance Page 2 of 2 61-7125		19-20		20-21		21-22			22-23
		Current Budget	Actual Year-End	Current Budget	Actual Year-End	Current Budget 03/10/22	Expend. as of 02/28/22	Projected Year-End	Proposed Budget
520	Capital Outlay - Comp. Eq.	0	0	0	0	38,793	34,965	38,793	0
540	Capital Outlay - Mot Veh	0	0	11,000	11,680	0	0	0	0
550	Capital Outlay- Equipment	0	0	0	0	30,000	0	30,000	0
580	Capital Outlay- Buildings	0	0	0	0	0	0	0	0
710	Bond Principal Payment	104,261	104,261	108,895	108,895	111,212	0	111,212	111,212
720	Bond Interest Payment	21,710	21,710	19,624	19,624	17,446	8,723	17,446	15,222
760	Interfund Loan - Principal	0	0	0	0	0	0	0	
770	Interfund Loan - Interest	0	0	0	0	0	0	0	
499	Miscellaneous-ASADRA Closing Fee	0	0	0	0	0	0	0	5,250
	TOTAL	418,575	404,352	442,884	442,548	514,483	256,351	504,115	455,000

Sewer – Administration & Finance

121 – Wages & Salaries – Wages & Benefits per allocation table discussed in the first budget workshop.

310/395 – Training and travel - \$1,800

193 – Engineering Services –Includes \$3,750 for engineering for grant

399 – Contracted Services –

Reverse 911	\$ 969
Elster Support	1050
Work Order Software	601
Locate Plus	375
FORMAX stuffer/sealer	228
Misc Services	<u>1033</u>
	4,256

See slide #19 for
cost share splits for
these contracted
services items

440 – IT Services – VC3 Hosted desktop [40% general fund, 30% water, 30% sewer]

441 – Edmunds/ Springbrook – Software maintenance

Sewer – Administration & Finance

251 – Vehicle Fuel – Fuel for vehicles – based upon an estimate of \$4.00 per gallon

430 – Building and Equipment Rental – The rental of office space from the general fund (\$750 per month/ per utility).

499- ASADRA closing cost, split with water

540- Capital Outlay- none

Sewer Collection		19-20		20-21		21-22			22-23
		Current Budget	Actual Year-End	Current Budget	Actual Year-End	Current Budget 03/10/22	Expend. as of 02/28/22	Projected Year-End	Proposed Budget
61-7142									
397	Meter Reading System	0	0	27,600	0	27,600	0	0	0
399	Contracted Services	41,496	5,133	24,350	3,922	19,350	3,338	9,000	25,350
299	Supplies & Materials	7,800	7,988	7,800	4,319	7,800	1,840	4,000	7,800
330	Utilities	7,800	6,775	8,000	6,807	7,500	4,430	6,645	7,500
352	Maint & Repair- Equip	7,500	6,453	10,000	4,941	9,500	2,643	6,000	9,500
430	Equip Rental	1,870	185	2,040	0	2,040	0	1,000	2,040
498	Permit Fees	810	810	810	810	810	810	810	810
550	Capital Outlay - Equipment	31,833	32,629	0	0	0	0	0	22,000
580	Capital Outlay - Buildings	0	0	0	0	0	0	0	0
597	Capital Outlay - Collection Lines	0	0	0	0	0	0	0	0
598	Capital Outlay - Pump/Lift Sta.	0	0	11,000	5,852	30,000	0	30,000	0
	TOTAL	99,109	59,973	91,600	26,651	104,600	13,062	57,455	75,000

Sewer – Collection

399 – Contracted Services –

Alarm system for lift stations	3,150
NC 811	500
Grease Removal	2,200
Emergency Repairs	<u>19,500</u>
	\$25,350

299 – Supplies and Materials –

Generator Fuel	1,800
Pipe, fittings, tools, etc.	3,500
Lift Station Supplies (deodorizer, degreaser, etc.)	<u>2,500</u>
	\$7,800

352 – Maintenance & Repair-Equipment – Proactive lift station pump maintenance. We have a total of 20 pumps and will be able to do routine service “in house”.

598- Capital Outlay- Sewer Camera- \$15,000
Sewer Drain Cleaner-\$7,000

Sewage Treatment		19-20		20-21		21-22		22-23	
		Current Budget	Actual Year-End	Current Budget	Actual Year-End	Current Budget 03/10/22	Expend. as of 02/28/22	Projected Year-End	Proposed Budget
61-7144									
398	Testing	15,000	12,746	14,790	11,547	14,790	8,728	14,790	14,790
399	Contracted Services	33,315	23,553	33,350	33,516	32,974	15,997	32,974	36,937
298	Chemicals	15,000	10,568	15,000	10,808	14,376	8,355	14,376	14,376
299	Supplies & Materials	5,500	4,107	5,500	2,985	6,500	2,442	6,500	6,500
330	Utilities	27,000	26,890	28,500	26,381	28,500	16,276	27,901	30,000
351	Maint & Repair- Bldg	1,000	763	1,000	48	1,000	98	1,000	1,000
352	Maint & Repair- Equip	18,764	16,967	13,000	8,308	12,000	1,646	6,000	11,500
430	Equip Rental	0	0	0	0	0	0	0	0
496	Permit Fees	860	0	860	1720	860	860	860	897
550	Capital Outlay- Equipment	0	0	0	0	0	0	0	20,000
594	Capital Outlay- Treatment Plant	5,000	0	0	0	0	0	0	0
	TOTAL	121,439	95,595	112,000	95,313	111,000	54,400	104,401	136,000

Sewer – Treatment

399 – Contracted Services –

Sludge Hauling	30,000
Calibrate meters	850
Pump grit chambers	2,500
Dumpster Service	2,387
Hach Spectrometer PMA	500 (50/50 split with)
Lift station alarms	<u>700</u>
	\$36,937

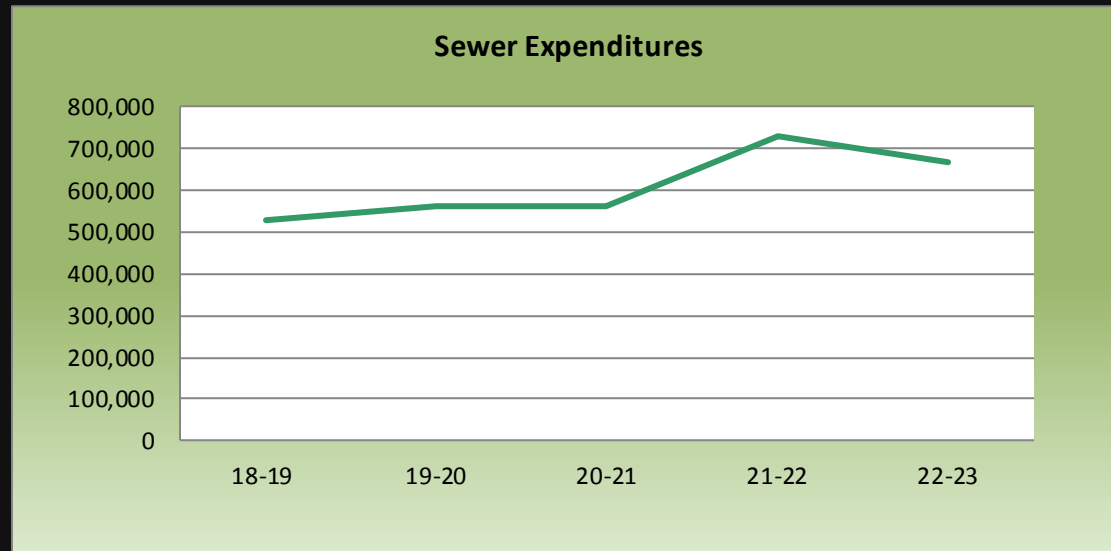
299 – Supplies and Materials – Generator fuel, tools, paint, etc.

352 – Maintenance and Repair – Equipment –

Blower maintenance contract	9,374
Other maintenance and repair	<u>2,626</u>
	\$12,000

550 – Capital Outlay – Skimmer Replacement \$20,000

Sewer – Summary



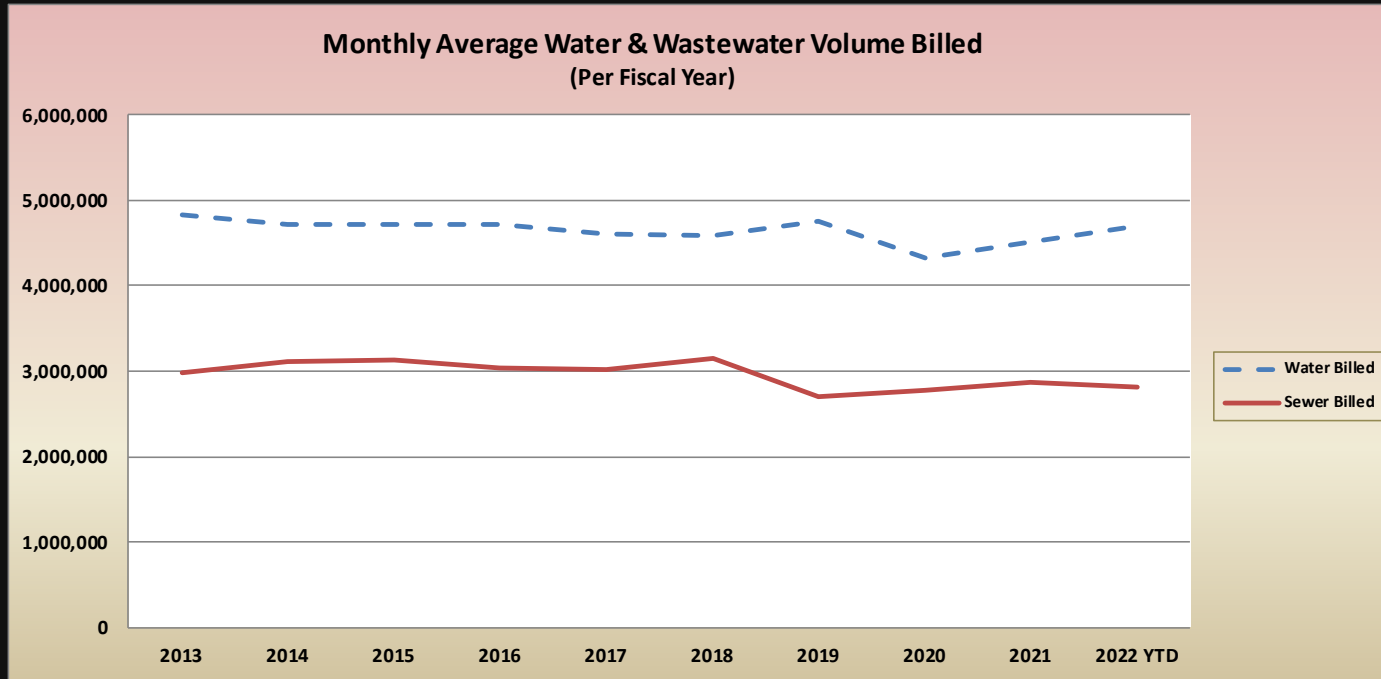
Sewer	18-19	19-20	20-21	21-22	22-23	Change v. prior year	
	Actual	Actual	Actual	Budget	Proposed	%	\$
Administration & Finance	400,025	404,352	442,548	514,483	455,000	-11.56%	-59,483
Collection	37,769	59,973	26,651	104,600	75,000	-28.30%	-29,600
Treatment	89,481	95,595	95,313	111,000	136,000	22.52%	25,000
TOTAL(Less transfers & contingency)	527,275	559,919	564,512	730,083	666,000	-8.78%	-64,083

Change in Budgeted Expenditure

-64,083

Water/Sewer Consumption Data

Monthly Water & Wastewater – Total Volume



	Average Monthly	
	Water Billed	Sewer Billed
2013	4,716,000	2,974,833
2014	4,716,167	3,116,917
2015	4,726,083	3,138,000
2016	4,612,917	3,037,667
2017	4,593,000	3,014,167
2018	4,747,750	3,152,833
2019	4,331,000	2,712,000
2020	4,512,500	2,770,083
2021	4,700,583	2,879,250
2022 YTD	4,605,375	2,805,750

Total usage remained basically flat from 2013-2018. It decreased in 2019 due to effects of Hurricane Florence. Thus far, in FY22 there has been a slight decrease in total usage.

Monthly Water/Sewer – Per Customer

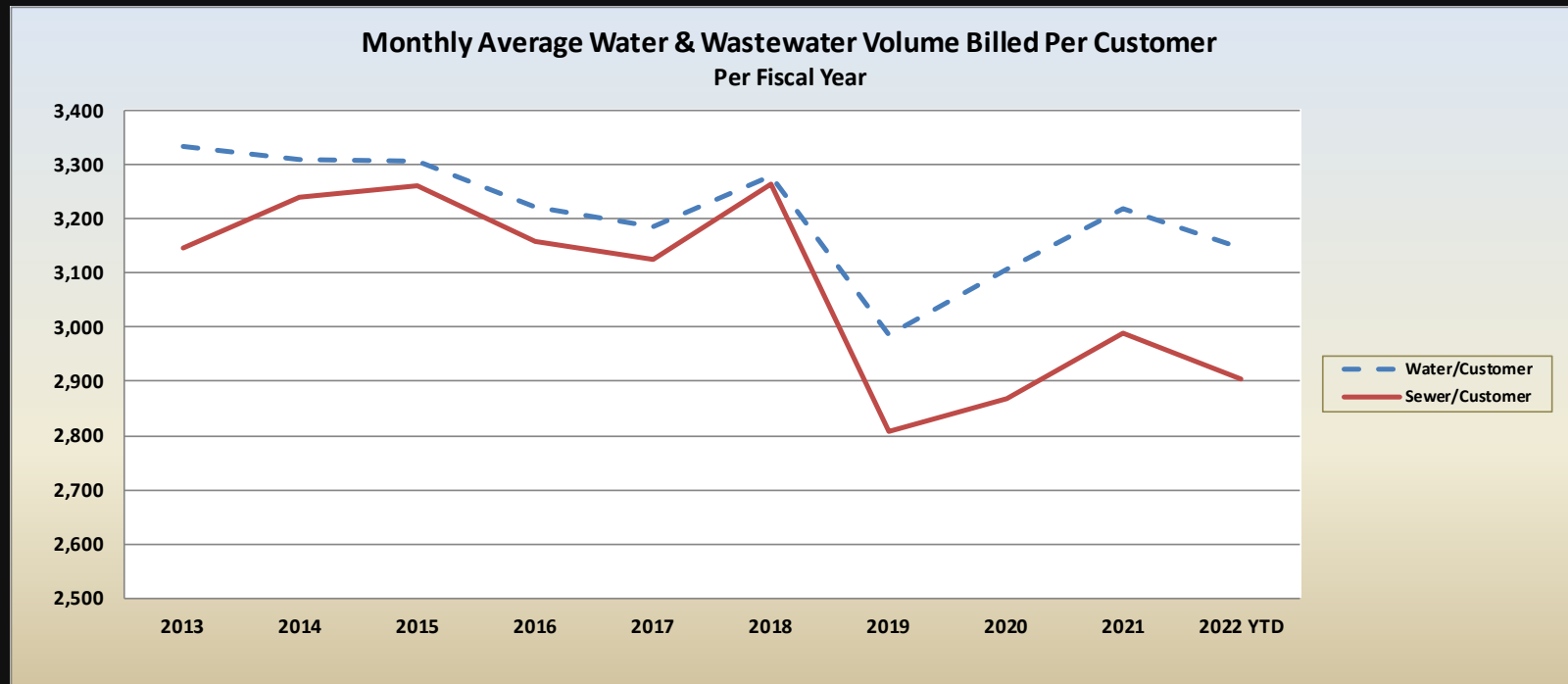
YEAR	Water/Customer	Sewer/Customer	# Water Customers	# Sewer Customers	% change in H2O/cust
2013	3,333	3,145	1,415	946	-4.95%
2014	3,310	3,240	1,425	962	-0.70%
2015	3,305	3,262	1,430	962	-0.14%
2016	3,221	3,158	1,432	962	-2.60%
2017	3,185	3,123	1,442	965	-1.13%
2018	3,279	3,264	1,448	966	2.86%
2019	2,987	2,807	1,450	966	-9.77%
2020	3,106	2,868	1,453	966	3.82%
2021	3,217	2,990	1,461	963	3.47%
2022 YTD	3,146	2,905	1,464	966	-2.28%

YTD includes usage through February with two billing cycles remaining in the FY

“A century ago, the average American used only about 10 gallons of water a day to drink, cook, clean, and bathe. Today, Americans use 100 gallons per day per person on average, causing stresses on our sources of drinking water”

Source: U.S. Environmental Protection Agency

Annual Water & Wastewater – Per Customer



The average monthly water usage per customer in 2022 (YTD) is 3,146 gallons. The average usage per sewer customer is 2,905 gallons. In 2021, those averages were 3,101 gallons and 2,877 respectively, which means there is very little change in average usage between the years.

Enterprise Funds – Capital Improvement Funds

These funds, per Resolution of the Town Council, may only be used for system expansion and/or advance payment on current Bonds. Reserve funds may NOT be used for operations or maintenance of the systems.

Water

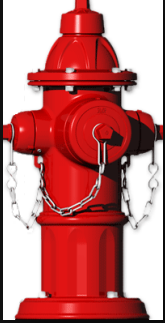
	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
											proj
Hydrant Fees added to Capital Reserve	30,636	30,429	26,718	25,620	25,254	23,790	23,058	0	0	0	0
*CIF Fees added to Capital Reserve	2,600	2,700	2,700	2,700	2,700	0	0	0	0	0	0
Expenditure for Springdale/Piner Est.											
**Water Capital Reserve Fund:	66,920	100,060	129,494	158,069	186,788	213,184	241,363	244,645	244,696	244,720	244,770
*CIF Fee charges were changed in FY17 by NCGS											
**includes interest earned											

Sewer

	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
											proj
*CIF Fees added to Capital Reserve	1,500	1,900	1,900	1,900	1,900	0	0	0	0	0	0
Expenditure for collection design											
**Sewer Capital Reserve Fund:	3,074	4,975	6,876	8,795	10,741	10,868	11,100	11,246	11,248	11,249	11,254
*CIF Fee charges were changed in FY17 by NCGS											
**includes interest earned											

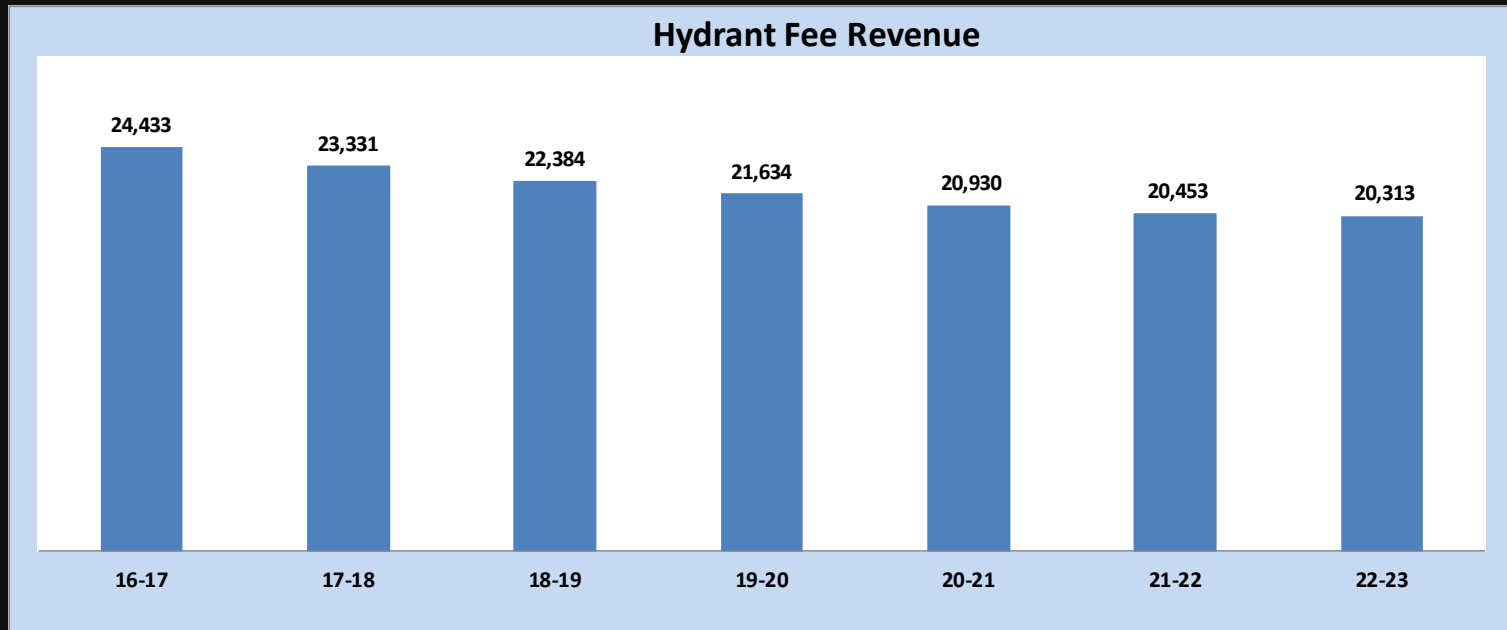
Notes: Both CIFs were eliminated due to statutory changes. Future assessment of CIF requires major policy change.

Hydrant Fees



\$183 per year - billed in July. We allow customers to split their payment, paying half in July and half in December. We currently have 111 customers but that is subject to change. Last year we had 113. Ideally, we would have 0.

Funds go to Water Fund Revenue.
Last change in rate was in FY 2014 from \$207.



Current Utility Rates

Per Schwartz Study

Customer: Under this structure the “customer” component of the charges reflect the indirect costs to each utility.

Demand: This represents 75% of the debt service and capital costs for each utility.

Usage: This component should be used to collect the remaining 25% of the debt service and capital costs and all direct operating costs.

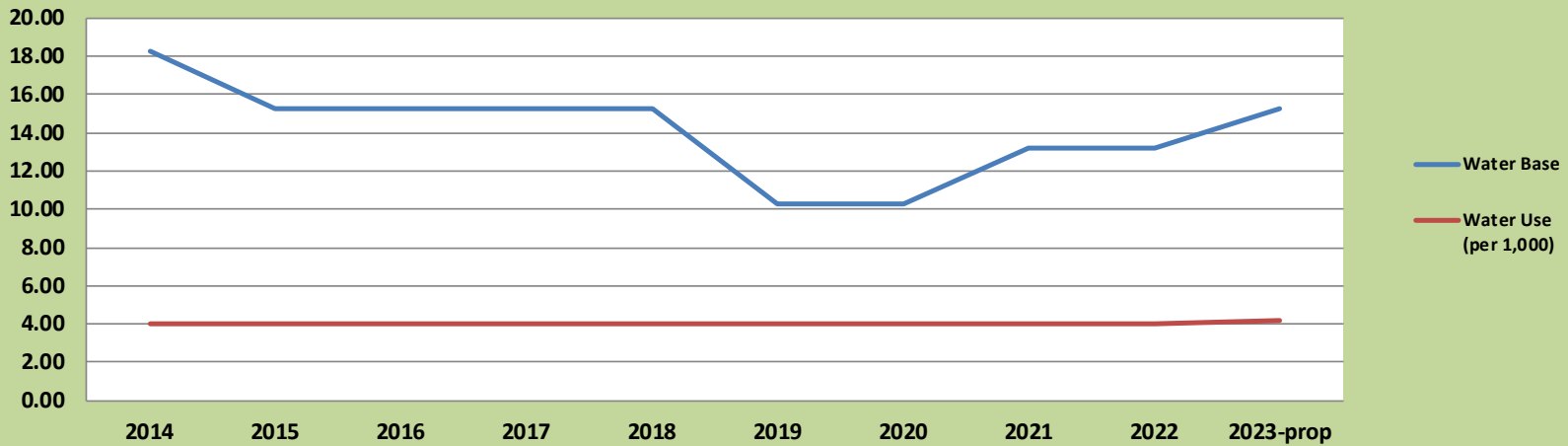
Current Rate		
Water		
Customer		\$4.80
Demand		\$10.44
Use		\$4.22
Sewer		
Customer		\$7.35
Demand		\$16.83
Use		\$9.30
Charges for 3,000 gallons usage		
Water		
Base		\$15.24
Use		\$12.66
Sewer		
Base		\$24.18
Use		\$27.90
Monthly		\$79.98
Per-Bill	(two months)	\$159.96
Charge for various gallons usage		
	0	\$39.42
	1000	\$52.94
	2000	\$66.46
	4000	\$93.50
	5000	\$107.02

The “customer” and “demand” components are combined to determine the **Base Charge** we charge as a flat fee per month, per customer.

The “**usage**” component is charged at a rate per 1,000 gallons of metered use.

Rate History

Water Rate History

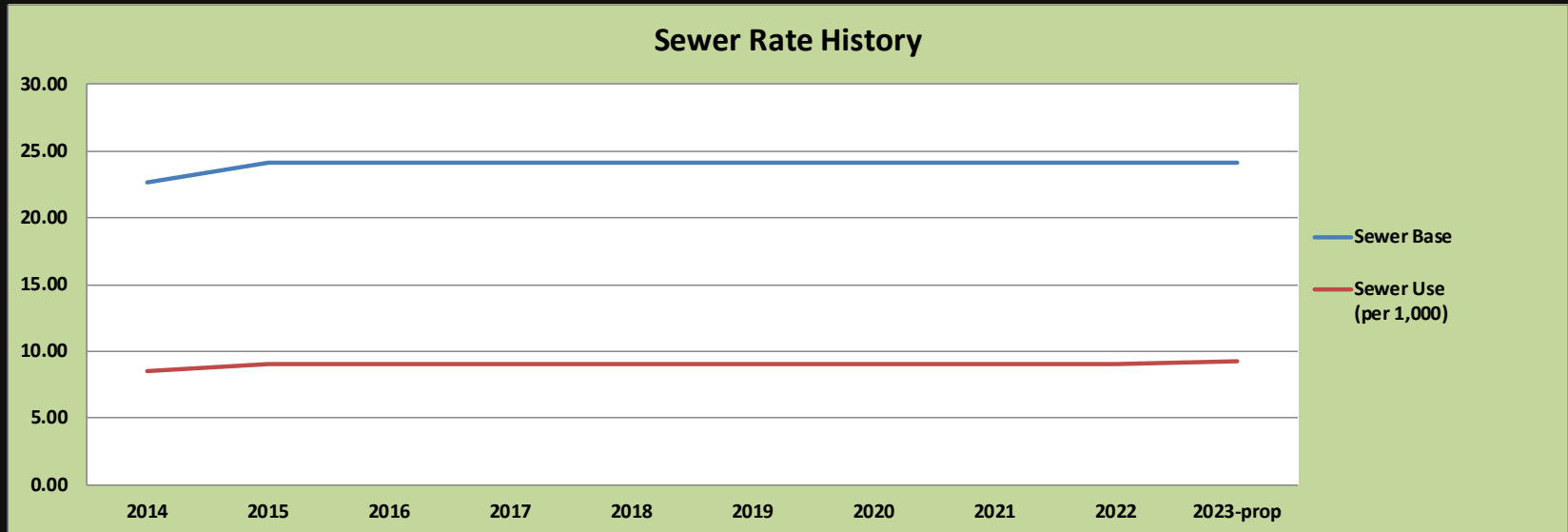


	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023-prop
Water Base	18.24	15.24	15.24	15.24	15.24	10.24	10.24	13.24	13.24	15.24
Water Use (per 1,000)	4.02	4.02	4.02	4.02	4.02	4.02	4.02	4.02	4.02	4.22
Monthly Bill (3,000 gal.)	30.30	27.30	27.30	27.30	27.30	22.30	22.30	25.30	25.30	27.90

Green box indicates a year that there was a change in the rate.

1996- Town Acquires System from Carolina Water. The rate that year for 3,000 gallons was \$17.80

Rate History



	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023-prop
Sewer Base	22.63	24.18	24.18	24.18	24.18	24.18	24.18	24.18	24.18	24.18
Sewer Use (per 1,000)	8.50	9.08	9.08	9.08	9.08	9.08	9.08	9.08	9.08	9.30
Monthly Bill (3,000 gal.)	48.13	51.42	51.42	51.42	51.42	51.42	51.42	51.42	51.42	52.08

Green box represents a year that there was a change in the rate.

1996- Town Acquires System from Carolina Water. The rate that year for 3,000 gallons was \$22.30.

Rate History

Customer Using 3,000 gallons Per Month

Water/Sewer Bill in 1996, which was the first year that River Bend owned the system, was.....

\$40.10

Today, the same bill, adding only for inflation (not for changes in operations due to regulations, system expansion, etc.) would be

\$73.43

Our customers, under proposed rates for FY22-23, will pay.....

\$79.98

Cumulative Inflation rate between July 1996 and March 2022= 83.12%.
Our rates have not kept pace with inflation.

Inflation Data Source- www.inflationdata.com

Enterprise Funds Rate Model



Current Rate		
Water		
	Customer	\$4.80
	Demand	\$10.44
	Use	\$4.22
Sewer		
	Customer	\$7.35
	Demand	\$16.83
	Use	\$9.30
Charges for 3,000 gallons usage		
Water		
	Base	\$15.24
	Use	\$12.66
Sewer		
	Base	\$24.18
	Use	\$27.90
Monthly		\$79.98
Per-Bill (two months)		\$159.96
Charge for various gallons usage		
	0	\$39.42
	1000	\$52.94
	2000	\$66.46
	4000	\$93.50
	5000	\$107.02

This shows the current rates (as of 4-21-22), which are also the proposed rates.

Water Fund Revenue/Expense Summary

Water - Revenue	18-19	19-20	20-21	21-22	22-23	Change v. prior year	
	Actual	Actual	Actual	Budget	Proposed	%	\$
Base Fee	180,742	190,297	235,531	231,472	277,253	19.78%	45,781
Usage Charges	204,671	217,940	227,532	224,454	236,559	5.39%	12,105
Hydrant Fee	22,384	21,634	20,930	20,496	20,130	-1.79%	-366
Tap Fees	2,800	1,850	4,650	1,250	1,250	0.00%	0
Nonpayment fees	11,830	7,420	12,950	10,500	10,500	0.00%	0
Late payment fees	5,974	4,429	7,564	6,838	7,707	12.71%	869
Capital Investment Fees	0	0	0	0	0	0.00%	0
Charges to General Fund	0	0	0	0	0	0.00%	0
Other (includes interest, transfers, etc.)	15,881	10,203	997	1,276	435	-65.91%	-841
Appropriated Fund Balance	0	0	0	177,259	37,165	-79.03%	-140,094
TOTAL	444,281	453,773	510,155	673,545	591,000	-12.26%	-82,545

Water Fund					
Total Revenue	553,835	Approp Fund			
Total Expenditure	591,000	Capital O/L Transfers Balance			
Revenue-Expenditure=	-37,165	3,500	0		40,665

\$3,500 is the amount set aside each year in water CIP for future vehicle purchases. It does not include the fund balance appropriation as noted on top chart.

Sewer Fund Revenue/Expense Summary

Sewer - Revenue	18-19	19-20	20-21	21-22	22-23	Change v. prior year	
	Actual	Actual	Actual	Budget	Proposed	%	\$
Base Fee	291,494	290,923	293,751	294,652	294,601	-0.02%	-51
Usage Charges	288,950	298,776	316,010	313,234	316,810	1.14%	3,576
Tap Fees	1,250	0	0	1,250	1,250	0.00%	0
Late Payment Fee	7,411	5,750	8,701	7,902	7,948	0.59%	46
Capital Investment Fees	0	0	0	0	0	0.00%	0
Charges to General Fund	0	0	0	0	0	0.00%	0
Other (includes interest, transfers, etc.)	16,687	11,257	1,031	1,918	661	-65.51%	-1,257
Appropriated Fund Balance	0	0	0	114,627	44,730	-60.98%	-69,897
TOTAL	605,792	606,706	619,492	733,583	666,000	7.51%	-67,583

Sewer Fund					
Total Revenue	621,270				Approp Fund
Total Expenditure	666,000	Capital O/L	Transfers		Balance
Revenue-Expenditure	-44,730	3,500	0		48,230

\$3,500 is the amount set aside each year in water CIP for future expenses, including vehicle purchases. It does not include the fund balance appropriation as noted on top chart.

Town of River Bend

UTILITY RATE MODEL

The following charts are taken from the Town's Utility Rate Model and reflect a forecast based on the FY 22-23 proposed rates and budget amounts and future year budgets based on assumptions of revenues and expenditures in those future years, which are based on forecast changes in revenues and expenditures, which are based on variables as entered into the rate model.

During the budget workshop, the rate model will be live and interactive and we can make adjustments to it, to see what impact they will have on both funds.

WATER RATE MODEL DATA

WATER													
Current		Suggested		Expenditures to be paid by each rate component per model									
Rate		Rate	Change		2019	2020	2021	2022	2023	2024	2025	2026	2027
4.80	Customer	4.80	0.00%	Customer	92,413	101,422	103,950	101,200	108,077	108,044	107,877	107,563	107,090
8.44	Demand	10.44	23.70%	Demand	116,035	115,684	129,368	165,963	122,187	125,743	114,893	102,878	100,041
13.24	Base	15.24	15.11%										
4.02	Use	4.22	4.98%	Use	281,815	288,093	298,120	381,848	364,236	383,083	398,227	414,159	434,408
					FYE	FYE	FYE	Projected for the Fiscal Year Ending June 30:					
					2019	2020	2021	2022	2023	2024	2025	2026	2027
				Revenue	421,897	453,765	512,760	554,555	553,835	556,619	557,689	558,973	558,652
				Expenditure	490,263	505,199	531,439	649,012	594,500	616,870	620,997	624,601	641,538
				Surplus (deficit)*	(68,366)	(51,435)	(18,679)	(94,457)	(40,665)	(60,251)	(63,308)	(65,628)	(82,886)
				50% Expend.	245,131	252,600	265,719	324,506	297,250	308,435	310,499	312,300	320,769
				Cash Balance	760,755	833,607	812,366	721,409	684,244	627,493	567,685	505,557	426,171
					155.2%	165.0%	152.9%	111.2%	115.1%	101.7%	91.4%	80.9%	66.4%
*For Operations; includes the cash capital budgeted funds for CIP - \$3.50m in FY15 and beyond.													

SEWER RATE MODEL DATA

WASTEWATER													
Current		Suggested		Expenditures to be paid by each rate component per model									
Rate		Rate	Change		2019	2020	2021	2022	2023	2024	2025	2026	2027
7.35	Customer	7.35	0.00%	Customer	92,413	101,422	103,950	101,200	108,077	108,044	107,877	107,563	107,090
16.83	Demand	16.83	0.00%	Demand	98,472	118,950	109,538	173,214	112,451	194,920	149,482	148,822	195,122
24.18	Base	24.18	0.00%										
9.08	Use	9.30	2.42%	Use	336,391	339,546	351,023	395,059	448,972	510,148	531,767	571,692	630,982

Town of River Bend

Fiscal Year 2022-2023 Budget Workshop

May 12, 2023

30. ~~Five year Forecast—General Fund~~

31. Tax rates, utility rates and other fees

Ad valorem tax rate

Utility rates and fees

Schedule of rates and fees

NOTICE

At the May 10 budget work shop, the Council voted to forgo the May 12 budget work shop. The planned activities for the May 19 budget work shop will be incorporated into the agenda for May 19 regular Council meeting. There will be no budget work shop on May 19 at 4 p.m. The regular Council meeting on May 19 begins at 7 p.m.