



TOWN OF RIVER BEND

1981

NORTH CAROLINA

Town of River Bend

Fiscal Year
2024-2025
Budget Workshop

Session III



This presentation and all of the previous presentations for the FY24-25 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 2024-25 (approved 1-18-24)

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

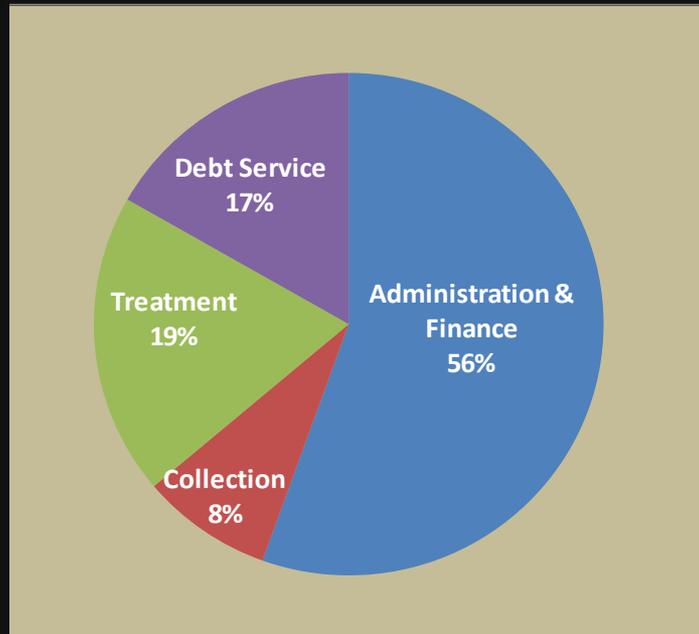
Fiscal Year 2024-2025 Budget Workshop

May 7, 2024

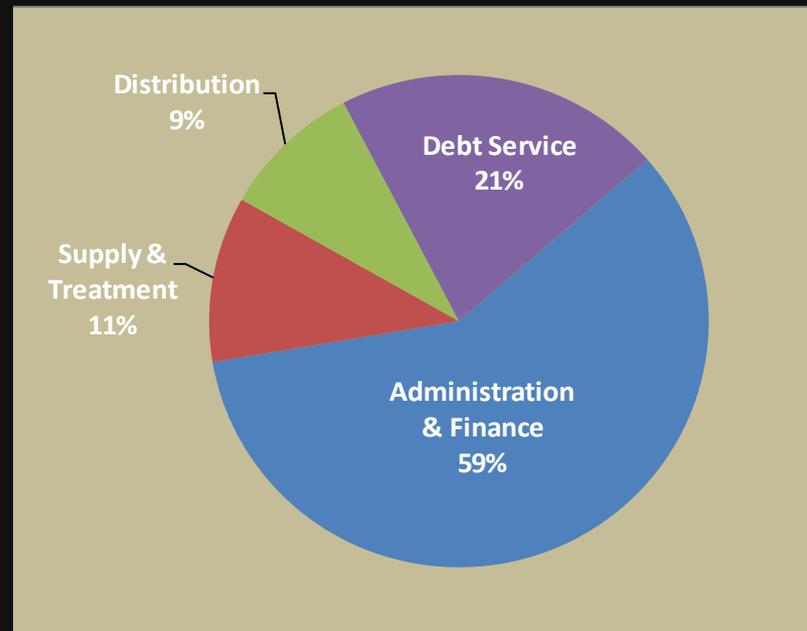
- 25. Water and Sewer Fund Cash Levels**
- 26. Water Fund Departments**
- 27. Sewer Fund Departments**
- 28. Utility Financial Model**
- 29. Water and Sewer Revenue/Expense**

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 show the percentage of FY 24-25 spending that each area represents. No general fund revenues support these funds. Bond obligation debt service is paid from the Administration & Finance Department in each fund, but for illustrative purposes, debt service is shown separately in the charts.

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 bond debt service amounts for FY 24 (highlighted) and future years.



Only 2 years left after FY24-25

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 2024-25 Debt Obligations Summary										
Year Issued	Project	Loan Type	Amount Issued	Fiscal Year Retired	Interest Rate	Debt as of 7/1/2024	FY 24-25 Principal	FY 24-25 Interest	Total Payment	Debt as of 6/30/2025
Water Fund										
2013*	Purchase of Water System	General Obligation Bond	1,588,384	2027	2 -3 % **	375,582	123,422	11,269	134,691	252,160
	Remaining Water Debt at end of Fiscal Year		252,160							
Sewer Fund										
2013*	Purchase of Sewer System	General Obligation Bond	1,371,616	2027	2 -3 % **	324,418	106,578	9,731	116,309	217,840
	Remaining Sewer Debt at end of Fiscal Year		217,840							
					TOTAL	700,000				\$ 470,000
					** 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, about 19¢ goes toward retirement of bond debt for the purchase of the water and sewer systems. In addition to the bond debt, the water fund also has \$5,750 in debt service for the 0% loan associated with the water meter replacement project. This will be year of 2 of 20 for that debt.

Debt as a Percentage of Total Expense in FY 24-25

Water = 21% (\$134,691)

Sewer = 17% (\$116,309)

TOTAL \$251,000

Both mature in 2027

Enterprise Fund Summary

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

- Represents an overall 4.46% increase in spending over last year including transfers (+\$58,692)
- No fee or rate increase
- Maintains all current programs and services
- Funds all employee compensation costs as discussed in General Fund
- Provides funding for \$251,000 for debt service
- Includes \$30,961 for water tank maintenance contract
- Includes \$72,549 of appropriated fund balance in water (-20% vs. budgeted in FY24, excluding transfers)
- Includes \$8,800 funding for small equipment purchases
- Includes \$42,035 of appropriated fund balance in Sewer Fund (+120% vs. budgeted in FY24, excluding transfers)
- Includes \$45,000 in CIP funding and \$0 in capital spending
- Anticipates start of WWTP and maybe WTP projects during FY25

Quick Comparison of FY24 vs. FY25 Combined Water and Sewer Funds

	These figures include transfers to capital reserves					
	Current	Proposed	Change %	Change \$	Bond Debt Service	
Water	\$635,804	\$654,000	2.86%	\$18,196	\$134,691	
Sewer	\$679,504	\$720,000	5.96%	\$40,496	\$116,309	
Total	\$1,315,308	\$1,374,000	4.46%	\$58,692	\$251,000	

Water Capital Improvement Plan (CIP)

CAPITAL IMPROVEMENT PLAN Water Fund		Prior Year	Upcoming Year	Future Years				
		2023-2024	2024-2025	2025-2026	2026-2027	2027-2028	2028-2029	2029-2035
Appropriation: Annual		20,000	15,000	20,000	20,000	25,000	30,000	150,000
Appropriation: Grant/Loan/Other Funds		0	9,393,500	2,000,000				
Appropriation: For Vehicles (50/50 with sewer)		3,500	5,000	5,500	5,500	6,000	6,500	45,000
FY Appropriation:		\$ 23,500	\$ 9,413,500	\$ 2,025,500	\$ 25,500	\$ 31,000	\$ 36,500	\$ 195,000
Capital Projects	Prior Project yr.							
<i>Administration:</i>								
Vehicle Replacement (split Water/Sewer)	Per schedule						24,500	42,500
Backhoe (split with water and general)	21-22							
<i>Treatment</i>								
Well #1 Replacement				1,000,000				
Well #2 Replacement				1,000,000				
Treatment House Corrosion Prevention	20-21							18,000
Filter Media Rehab	10-11					20,000		40,000
Well #1 Pump Replacement	13-14	23,000						
Water Treatment Plant Improvements			9,393,500					
Sampling Station Replacement	23-24						10,000	
<i>Distribution</i>								
Line Extension (2 on Old Pollockville Rd.)					35,000			
Howell Center and Riverstone Backflow	11-12			6,000				
Industrial Meter Replacement						6,000		
Elevated Tank Projects							25,000	
	FY Expenditures:	23,000	9,393,500	2,006,000	35,000	26,000	59,500	100,500
Any reserves shown in ending balance line are accounted for in fund balance	2023-2024	2024-2025	2025-2026	2026-2027	2027-2028	2028-2029	2029-2035	
	Ending Balance	\$ 500	\$ 20,500	\$ 40,000	\$ 30,500	\$ 35,500	\$ 12,500	\$ 130,000

Approved 4-11-24

Sewer Capital Improvement Plan (CIP)

CAPITAL IMPROVEMENT PLAN Sewer Fund		Prior Year	Upcoming Year	Future Years				
		2023-2024	2024-2025	2025-2026	2026-2027	2027-2028	2028-2029	2029-2035
Appropriation: Annual		0	20,000	30,000	30,000	30,000	35,000	210,000
Appropriation: Grant Funds			9,108,500					
Appropriation: Vehicles (50/50 with water)		3,500	5,000	5,500	5,500	6,000	6,500	45,000
FY Appropriations:		\$ 3,500	\$ 9,133,500	\$ 35,500	\$ 35,500	\$ 36,000	\$ 41,500	\$ 255,000
Capital Projects	Prior Project yr.							
<i>Administration:</i>								
Vehicle Replacement (split Water/Sewer)	Per schedule						24,500	42,500
Backhoe(split with water and general)	21-22							
<i>Collection:</i>								
Upgrade Lift Station	13-14			25,000				25,000
Upgrade Lift Station/Manholes/Pumps				15,000	40,000			40,000
Backup Generator								
<i>Treatment:</i>								
Unit #1 Clarifier Skimmer Replacement	22-23							
Unit #2 Clarifier Repair	14-15							
Soft start for WWTP blowers/blower motor	15-16							
WWTP Lift Station repair	15-16					40,000		
Surge Pumps								15,000
WWTP Enhancements			9,108,500					
	FY Expenditures:	0	9,108,500	40,000	40,000	40,000	24,500	122,500
Any reserves shown in ending balance line are accounted for in fund balance		2023-2024	2024-2025	2025-2026	2026-2027	2027-2028	2028-2029	2029-2035
	Ending Balance	\$ 3,500	\$ 28,500	\$ 24,000	\$ 19,500	\$ 15,500	\$ 32,500	\$ 165,000

Approved 4-11-24

Capital and Other Projects

Water

Water Tank Maintenance	30,961
Transfer Pump	3,800
Vehicle Lift (\$5,000 total)	<u>2,500</u>
TOTAL	\$37,261

Sewer

Blower Maintenance	8,200
Sludge Hauling	40,000
Vehicle Lift (1/2)	<u>2,500</u>
TOTAL	\$50,700

Water Operations

Water – System “Snapshot”

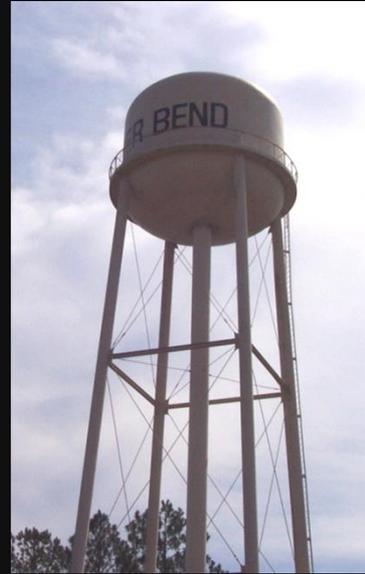
Three groundwater wells with a combined capacity of 925,000 gallons per day.

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

In FY 2023 we treated 107,181,000 gallons of water (average of 293,788 gallons per day).

Water is transmitted to 1,475 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 Page 1 of 2 60-7125		21-22		22-23		23-24			24-25
		Current	Actual	Current	Actual	Current	Expend.	Projected	Proposed
		Budget	Year-End	Budget	Year-End	Budget	as of	Year-End	Budget
						03/11/24	02/29/24		
121	Wages & Salaries	111,025	108,374	114,440	125,806	124,813	80,054	120,869	130,260
122	Overtime	1,000	921	1,000	444	1,000	1,544	1,544	1,000
134	401(k) Retirement	5,184	5,381	5,447	5,557	5,820	4,081	6,121	6,150
181	FICA	7,932	8,427	8,614	8,573	9,229	6,224	9,365	9,734
182	Loc Govt Emp Retirement	12,252	11,923	13,182	13,447	15,534	10,487	15,730	17,347
183	Group Insurance	16,601	11,597	16,002	13,301	16,172	8,640	16,512	17,807
185	Unemployment Comp.	0	99	0	0	0	18	18	0
186	Workers' Compensation Ins.	3,412	2,669	3,408	3,067	3,663	3,444	3,444	3,839
310	Travel & Subsistence	500	58	500	103	500	89	250	900
395	Training	600	434	600	1,380	600	869	869	2,250
191	Auditing Service	5,667	4,833	5,733	4,900	8,000	7,667	7,667	8,000
192	Professional Service - Legal	1,000	1,922	1,000	2,830	1,000	2,104	2,104	1,000
193	Engineering Services	4,494	0	4,494	0	2,000	0	0	2,000
381	Other IT Services	3,799	4,148	992	1,024	2,168	2,029	2,489	1,624
382	Banking Services	1,243	1,316	1,243	1,403	1,482	923	1,403	1,482
393	Temporary Help Services	0	0	0	0	0	0	0	0
399	Contracted Services	8,062	6,792	8,616	7,261	10,537	4,613	10,535	10,627
440	VC3 IT Service & Maint.	19,467	19,999	19,829	20,605	22,454	13,692	20,892	23,706
441	Edmunds Service & Maint.	5,503	5,504	9,002	9,479	3,534	3,549	3,549	3,727
482	Indirect Cost- Labor	92,200	92,200	99,077	99,077	116,394	77,596	116,394	125,290
481	Labor Allocation	-38,869	-38,869	-38,303	-38,303	-47,544	-31,696	-47,544	-50,527
212	Uniforms	3,179	1,877	3,180	2,929	3,300	2,481	3,553	3,300
251	Motor Fuel	2,981	3,134	3,979	2,939	3,494	1,916	3,016	4,111
260	Office Supplies	2,300	1,946	2,300	2,927	2,300	1,594	2,000	2,300
320	Telephone & Postage	6,600	6,347	6,165	6,324	6,572	4,105	6,571	7,046
340	Printing	0	0	0	0	0	0	0	0
353	Vehicle Maint. & Repair	1,050	894	822	592	856	849	856	856
370	Advertising	0	397	0	0	0	0	0	0
391	Legal Advertising	0	376	0	0	0	0	0	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	14,928	13,853	17,412	15,804	18,884	18,238	18,238	21,562
491	Dues & Subscriptions	1,500	1,348	1,500	1,369	1,500	1,396	1,396	1,560

Water Administration and Finance Continued

Water Admin & Finance Page 2 of 2 60-7125		21-22		22-23		23-24		24-25	
		Current Budget	Actual Year-End	Current Budget	Actual Year-End	Current Budget 03/11/24	Expend. as of 02/29/24	Projected Year-End	Proposed Budget
520	Capital Outlay - Comp. Eq.	38,793	34,965	3,825	3,356	469	0	469	0
540	Capital Outlay - Mot Veh	0	0	0	0	0	0	0	0
550	Capital Outlay- Equipment	30,000	30,000	0	0	0	0	0	0
580	Capital Outlay- Buildings	0	0	0	0	0	0	0	0
710	Bond Principal Payment	128,788	128,788	135,304	128,788	126,105	0	126,105	123,422
720	Bond Interest Payment	20,204	20,204	17,628	17,628	15,052	7,526	15,052	11,269
730	Loan Payment-water meters	0	0	0	0	6,516	0	5,750	5,750
499	Miscellaneous	250	0	9,750	9,526	400	0	0	610
	TOTAL	520,645	500,855	485,741	481,136	491,804	240,035	484,220	507,000
						491,335			

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 - \$3,150

193 – Engineering Services – \$2,000

399 – Contracted Services –

Reverse 911 (Blackboard)	1,042	(\$4,168 total, 50% Gen, 25% water, 25% sewer)
Locate Plus	388	(\$775 total, 50% water, 50% sewer)
Mowing Contract	2,903	(10% of base lawn bid - refer to General Fund)
Neptune Support	3,900	(\$6,000 total, 65% water, 35% sewer)
Work Order Software	1,202	(\$3,006 total, 40% Gen., 40% water, 20% sewer)
Formax Stuffer/sealer	192	(\$480 total, 65% water, 35% sewer)
Misc Services	<u>1,000</u>	
	\$10,627	

440 – IT Services – VC3 Services (\$79,020 total, 40% General Fund, 30% water, 30% sewer)

Water – Administration & Finance

441 – Edmunds– Software maintenance (\$12,423 total, 40% general, 30%water, 30% sewer)

251 – Vehicle Fuel – Fuel for vehicles – based upon an estimate of \$3.75 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.

550 Capital Outlay- none

Water Supply and Treatment		21-22		22-23		23-24		24-25	
		Current Budget	Actual Year-End	Current Budget	Actual Year-End	Current Budget 03/11/24	Expend. as of 02/29/24	Projected Year-End	Proposed Budget
60-7132									
398	Testing	9,200	11,178	9,200	10,231	9,200	5,661	8,600	9,200
399	Contracted Services	5,200	675	9,800	9,709	5,500	5,044	5,500	6,550
298	Chemicals	13,132	13,799	13,132	11,864	13,132	8,023	12,100	13,132
299	Supplies & Materials	14,200	5,334	11,200	2,203	15,800	1,462	6,000	15,800
330	Utilities	8,600	8,999	9,000	9,611	10,500	6,981	10,471	11,000
351	Maint & Repair- Bldg	2,500	0	2,500	485	2,500	397	1,200	2,500
352	Maint & Repair- Equip	4,600	1,116	4,600	1,149	4,600	97	2,100	4,600
430	Bldg & Equip Rental	0	0	0	0	0	0	0	0
496	Permit Fees	1,800	1,730	1,800	1,730	1,800	2,240	2,240	2,240
499	Miscellaneous	768	0	768	0	768	0	300	1,478
550	Capital Outlay- Equipment	0	0	13,000	0	0	0	0	0
580	Capital Outlay-Grounds & Bld	0	0	0	0	0	0	0	2,500
595	Capital Outlay-Wells/Pumps	0	0	0	0	23,000	0	23,000	0
	TOTAL	60,000	42,831	75,000	46,982	86,800	29,904	71,511	69,000
						86,800			

Water – Supply & Treatment

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

299- Supplies & Materials- Includes small equipment purchases

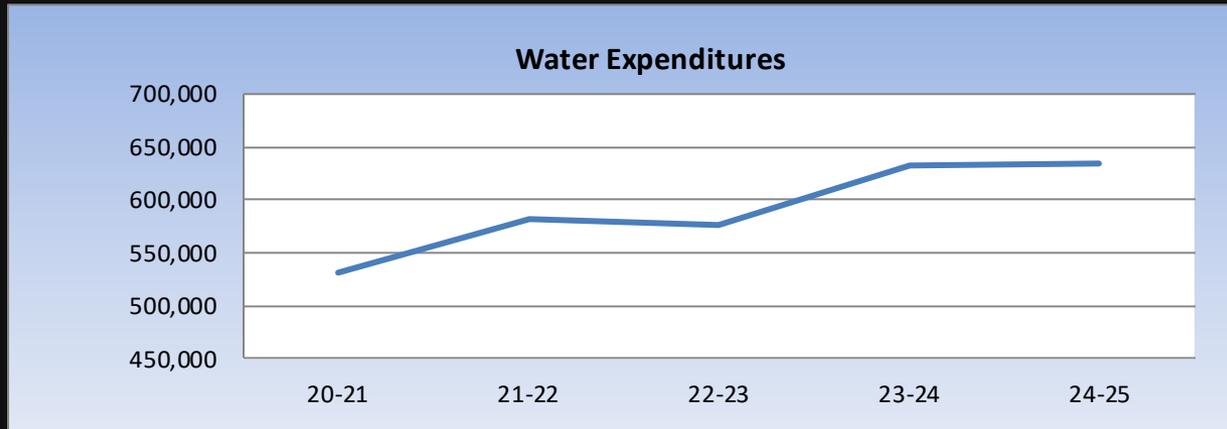
550 - Capital Outlay- \$2,500 (½ cost of vehicle lift)

Water Distribution		21-22		22-23		23-24		24-25	
		Current Budget	Actual Year-End	Current Budget	Actual Year-End	Current Budget 03/11/24	Expend. as of 02/29/24	Projected Year-End	Proposed Budget
60-7134									
399	Contracted Services	7,350	628	7,596	7,314	7,596	896	4,000	8,158
442	Water Tower Service Contract	28,404	28,404	28,404	28,404	28,404	28,404	28,404	30,961
299	Supplies & Materials	8,246	7,669	9,000	11,217	13,700	12,271	13,700	14,881
352	Maint & Repair- Equip	2,000	1,091	2,000	348	2,000	207	1,000	2,000
430	Bldg & Equip Rental	2,000	325	2,000	420	2,000	1,639	1,639	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	89,400	38,117	49,000	47,703	53,700	43,416	48,743	58,000
						53,700			

Water – Distribution

399 - Contracted Services - NC One Call	500
Alarm (well monitoring)	350
Verizon at water towers	608
Leak Repair Contingency	<u>6,700</u>
	\$8,158
442 – Water Tower (2) Service Contract – Annual maintenance	\$30,961
(Plantation=\$17,181 Shoreline=\$13,780)	
299 - Supplies & Materials –	
Various Supplies	861
Transfer Pump	3,800
Water Meters & Hydrant	4,400
Pipe and Fittings	3,820
Other Small Equipment	<u>2,000</u>
	\$14,881
596 – Capital Outlay- No project funded	

Water - Summary



Water	20-21	21-22	22-23	23-24	24-25	Change v. prior year	
	Actual	Actual	Actual	Budget	Proposed	%	\$
Administration & Finance	447,971	500,855	481,136	491,804	507,000	3.09%	15,196
Supply & Treatment	47,588	42,831	46,982	86,800	69,000	-20.51%	-17,800
Distribution	35,880	38,117	47,703	53,700	58,000	8.01%	4,300
TOTAL (less transfer and contingency)	531,439	581,803	575,821	632,304	634,000	0.27%	1,696

Change in Budgeted Expenditure

1,696

Sewer Operations

Sewer – System “Snapshot”

Currently serving 972 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 2023, we treated 38,638,000 gallons of wastewater (average of 105,902 gallons per day).



Sewer Admin & Finance Page 1 of 2 61-7125		21-22		22-23		23-24		24-25	
		Current	Actual	Current	Actual	Current	Expend.	Projected	Proposed
		Budget	Year-End	Budget	Year-End	Budget	as of	Year-End	Budget
						03/11/24	02/29/24		
121	Wages & Salaries	123,106	121,023	128,043	141,784	139,177	89,584	135,079	145,199
122	Overtime	1,000	1,309	1,000	1,092	1,000	534	1,000	1,000
134	401(k) Retirement	5,776	6,023	6,127	6,285	6,514	4,508	6,804	6,877
181	FICA	8,839	9,403	9,652	9,665	10,693	6,874	10,410	11,248
182	Loc Govt Emp Retirement	13,650	13,328	14,809	15,209	17,260	11,586	17,486	19,272
183	Group Insurance	18,401	12,814	17,700	14,705	17,885	9,549	17,094	19,691
185	Unemployment Comp.	0	99	0	0	0	18	18	0
186	Workers' Compensation Ins.	3,982	3,132	4,000	3,606	4,302	4,041	4,041	4,508
310	Travel & Subsistence	750	87	800	786	800	114	500	900
395	Training	983	434	1,000	790	1,000	1,027	1,027	2,250
191	Auditing Service	5,667	4,833	5,733	4,900	8,000	7,667	7,667	8,000
192	Professional Service - Legal	1,000	1,922	1,000	2,830	1,000	2,104	2,104	1,000
193	Engineering Services	4,494	0	4,494	0	2,000	0	0	2,000
381	Other IT Services	3,897	4,147	992	1,024	2,168	2,030	2,490	1,624
382	Banking Services	1,177	1,247	1,177	1,329	1,404	875	1,335	1,404
393	Temporary Help Services	0	0	0	0	0	0	0	0
399	Contracted Services	4,097	3,180	4,256	3,073	5,219	2,019	5,212	5,227
440	VC3 IT Service & Maint.	19,467	19,999	19,829	20,605	22,454	13,692	20,892	23,706
441	Edmunds Service & Maint.	5,503	5,504	6,400	6,877	3,534	3,549	3,549	3,727
482	Indirect Costs- Labor	92,200	92,200	99,077	99,077	116,394	77,596	116,394	125,290
481	Labor Allocation	-38,869	-38,869	-38,303	-38,303	-47,544	-31,696	-47,544	-50,527
212	Uniforms	3,179	1,877	3,179	2,930	3,300	2,482	3,554	3,300
251	Motor Fuel	2,981	3,134	3,979	2,939	3,494	1,916	3,016	4,111
260	Office Supplies	2,425	1,946	2,425	2,732	2,000	1,520	2,000	2,000
320	Telephone & Postage	5,500	4,598	4,760	4,882	5,197	3,181	5,052	5,606
340	Printing	0	0	0	0	0	0	0	0
353	Vehicle Maint. & Repair	1,200	894	1,080	592	1,111	849	1,111	1,111
370	Advertising	0	416	0	0	0	0	0	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	16,727	16,316	19,407	18,777	22,155	22,570	22,570	26,327
491	Dues & Subscriptions	900	794	900	803	900	988	988	1,050

Sewer Administration and Finance Continued

Sewer Admin & Finance		21-22		22-23		23-24			24-25
		Current Budget	Actual Year-End	Current Budget	Actual Year-End	Current Budget 03/11/24	Expend. as of 02/29/24	Projected Year-End	Proposed Budget
Page 2 of 2									
61-7125									
520	Capital Outlay - Comp. Eq.	38,793	34,965	3,825	3,356	469	0	469	0
540	Capital Outlay - Mot Veh	0	0	0	0	0	0	0	0
550	Capital Outlay- Equipment	30,000	30,000	0	0	0	0	0	0
580	Capital Outlay- Buildings	0	0	0	0	0	0	0	0
710	Bond Principal Payment	111,212	111,212	111,212	111,212	108,895	0	108,895	106,578
720	Bond Interest Payment	17,446	17,446	15,222	15,222	12,998	6,499	12,998	9,731
760	Interfund Loan - Principal	0	0	0	0	0	0	0	0
770	Interfund Loan - Interest	0	0	0	0	0	0	0	0
499	Miscellaneous	0	0	5,250	5,130	425	0	0	791
	TOTAL	514,483	494,414	468,025	472,911	483,204	251,675	475,210	502,000
						482,735			

Sewer – Administration & Finance

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

310/395 – Training and travel - \$3,150

193 – Engineering Services –\$2,000

399 – Contracted Services –

Reverse 911	\$1,042
Neptune Support	2,100
Work Order Software	601
Locate Plus	388
FORMAX stuffer/sealer	96
Misc Services	<u>1,000</u>
	5,227

See slide #20 for cost share splits for these contracted services items

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

441 – Edmunds– Software maintenance

Sewer – Administration & Finance

251 – Vehicle Fuel – Fuel for vehicles – based upon an estimate of \$3.75 per gallon

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

540- Capital Outlay- none

Sewer Collection		21-22		22-23		23-24		24-25	
		Current Budget	Actual Year-End	Current Budget	Actual Year-End	Current Budget 03/11/24	Expend. as of 02/29/24	Projected Year-End	Proposed Budget
61-7142									
397	Meter Reading System	27,600	0	0	0	0	0	0	
399	Contracted Services	19,350	9,371	25,350	4,093	25,350	6,184	9,000	25,678
299	Supplies & Materials	7,800	3,781	7,800	3,265	7,800	4,886	6,500	8,582
330	Utilities	7,500	6,815	7,500	7,344	8,000	5,382	8,074	8,600
352	Maint & Repair- Equip	9,500	5,077	9,500	6,959	9,500	7,952	9,500	9,500
430	Equip Rental	2,040	0	2,040	0	2,040	0	1,000	2,040
498	Permit Fees	810	810	810	810	810	810	810	1,100
550	Capital Outlay - Equipment	0	0	22,000	0	11,000	9,000	9,000	2,500
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.	30,000	0	0	0	0	0	0	0
	TOTAL	104,600	25,853	75,000	22,472	64,500	34,215	43,884	58,000
64,500									

Sewer – Collection

399 – Contracted Services –

Alarm system for lift stations	3,150
Verizon	328
NC 811	500
Grease Removal	2,200
Emergency Repairs	<u>19,500</u>
	\$25,678

299 – Supplies and Materials –

Generator Fuel	2,000
Pipe, fittings, tools, etc.	4,000
Lift Station Supplies (deodorizer, degreaser, etc.)	<u>2,582</u>
	\$8,582

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- No project

Sewage Treatment		21-22		22-23		23-24		24-25	
		Current Budget	Actual Year-End	Current Budget	Actual Year-End	Current Budget 03/11/24	Expend. as of 02/29/24	Projected Year-End	Proposed Budget
61-7144									
398	Testing	14,790	14,720	14,790	12,074	14,762	9,553	14,762	14,762
399	Contracted Services	32,974	30,781	36,937	33,251	42,441	21,637	33,000	49,015
298	Chemicals	14,376	11,906	14,376	13,039	14,000	14,037	19,037	14,000
299	Supplies & Materials	6,500	6,995	6,500	3,322	6,500	992	3,000	6,500
330	Utilities	28,500	25,373	30,000	32,883	36,000	23,079	34,619	36,700
351	Maint & Repair- Bldg	1,000	98	1,000	0	1,000	0	1,000	1,000
352	Maint & Repair- Equip	12,000	10,755	11,500	9,842	12,700	8,740	8,740	11,873
430	Equip Rental	0	0	0	0	0	0	0	0
496	Permit Fees	860	860	897	860	897	1,150	1,150	1,150
550	Capital Outlay- Equipment	0	0	20,000	0	0	0	0	0
594	Capital Outlay- Treatment Plant	0	0	0	0	0	0	0	0
	TOTAL	111,000	101,487	136,000	105,271	128,300	79,188	115,308	135,000
						128,300			

Sewer – Treatment

399 – Contracted Services –

Sludge Hauling	40,000
Calibrate meters	850
Pump grit chambers	3,500
Dumpster Service	3,465
Hach Spectrometer PMA	500 (50/50 split with water)
Lift station alarms	<u>700</u>
	\$49,015

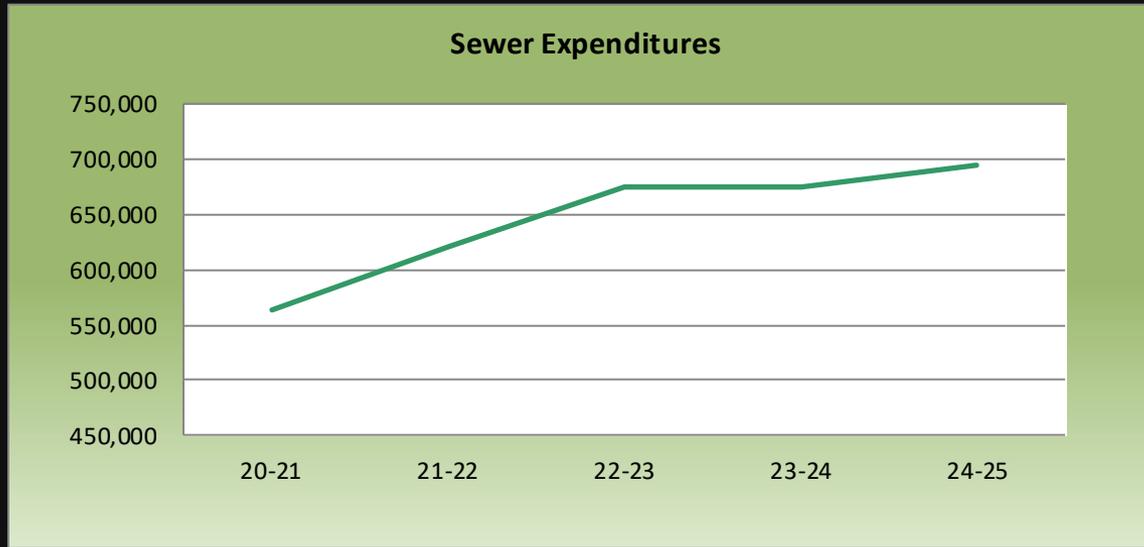
299 – Supplies and Materials – Generator fuel, tools, paint, etc.

352 – Maintenance and Repair – Equipment –

Blower maintenance contract	8,200
Other maintenance and repair	<u>3,673</u>
	\$11,873

550 – Capital Outlay – None

Sewer – Summary



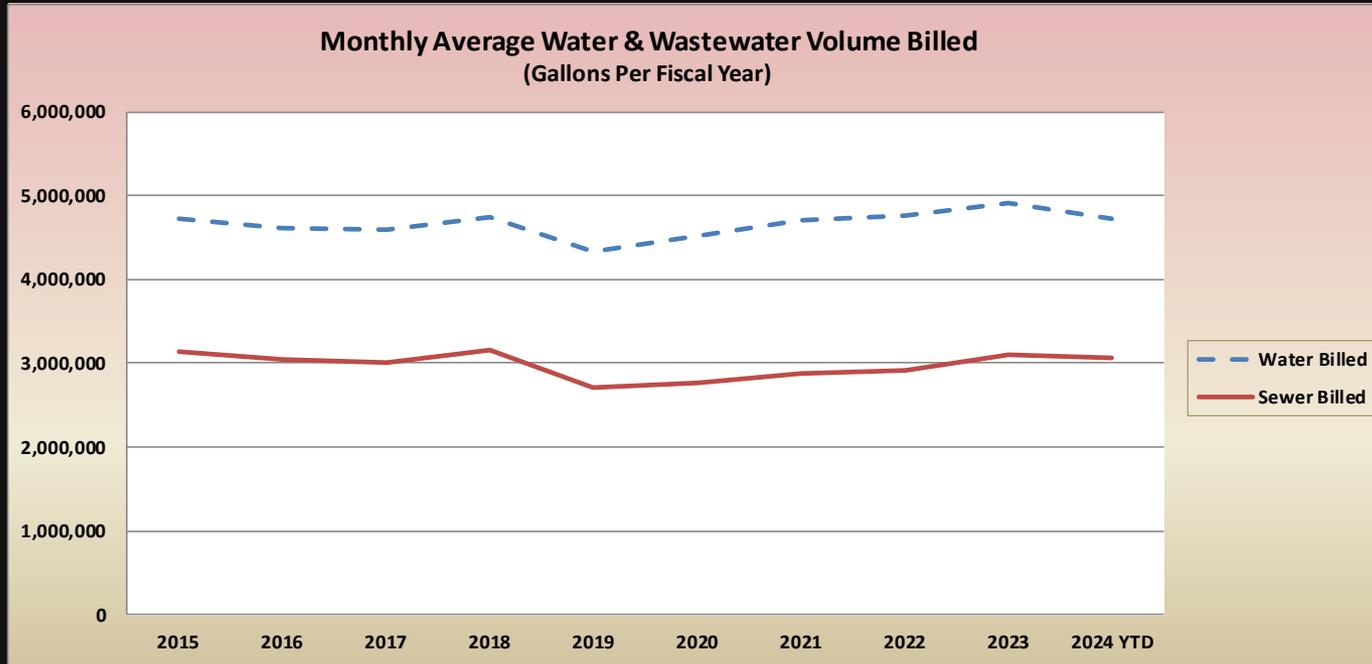
Sewer	20-21	21-22	22-23	23-24	24-25	Change v. prior year	
	Actual	Actual	Actual	Budget	Proposed	%	\$
Administration & Finance	442,548	494,414	483,204	483,204	502,000	3.89%	18,796
Collection	26,651	25,853	64,500	64,500	58,000	-10.08%	-6,500
Treatment	95,313	101,487	128,300	128,300	135,000	5.22%	6,700
TOTAL(Less transfers & contingency)	564,512	621,755	676,004	676,004	695,000	2.81%	18,996

Change in Budgeted Expenditure

18,996

Water/Sewer Consumption Data

Monthly Water & Wastewater – Total Volume



	Average Monthly Gallons	
	Water Billed	Sewer Billed
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	4,755,083	2,911,417
2023	4,910,333	3,105,667
2024 YTD	4,720,625	3,058,875

Usage has remained basically flat from 2015-2023. Water has remained between the 4,000,000 and 5,000,000 lines. Sewer has hovered around the 3,000,000 line. Thus far, in FY24 there has been a 4% decrease in total usage vs. FY23.

Monthly Water/Sewer – Per Customer

YEAR	Avg water use per customer	Avg sewer use per customer	# of Water Customers	# of Sewer Customers	% change in H2O use per customer
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	3,241	3,014	1,467	966	0.74%
2023	3,334	3,202	1,473	970	2.77%
2024 YTD	3,200	3,147	1,475	972	-4.16%

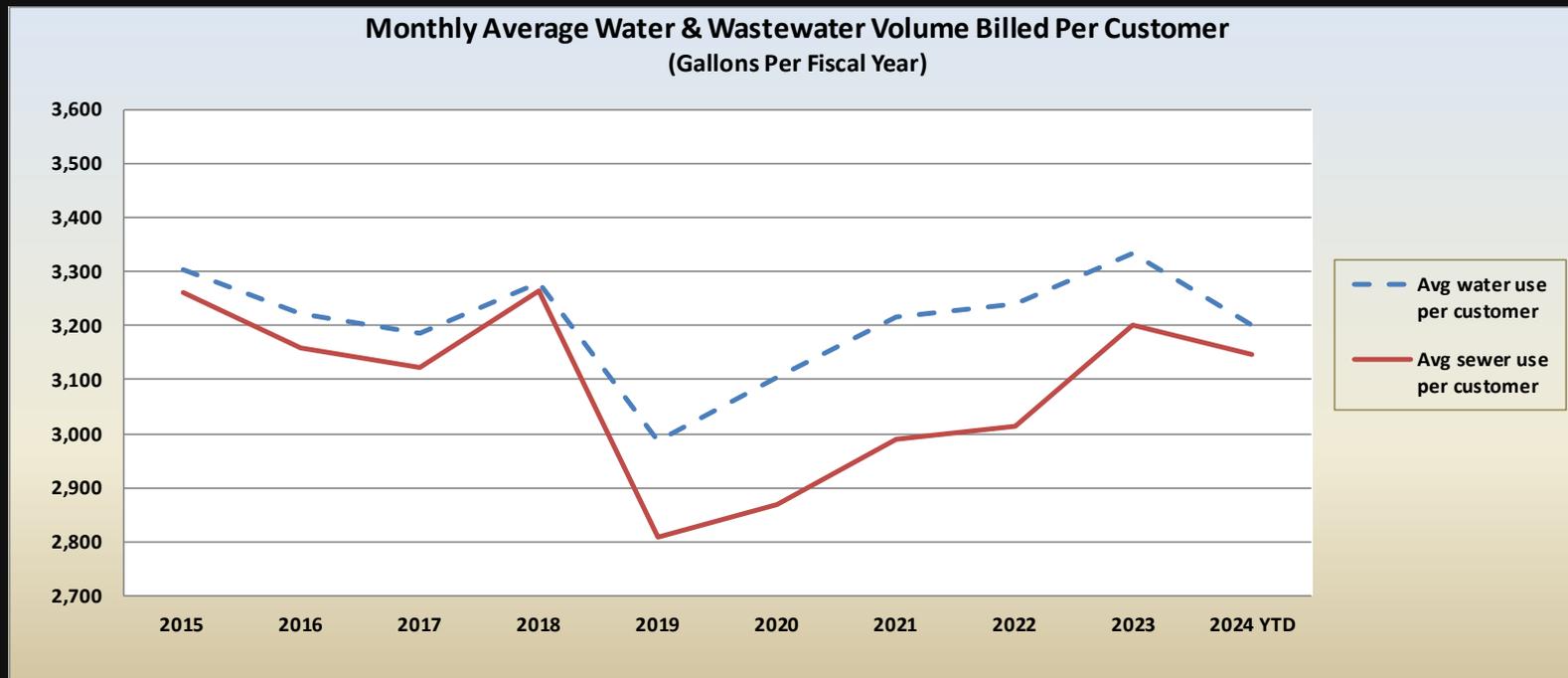
YTD includes usage through February with two billing cycles remaining in the FY

“A century ago, the average American used only about 10 gallons of water a day to drink, cook, clean, and bathe. Today, Americans use 80-100 gallons per day per person on average.”

Source: U.S. Environmental Protection Agency
U.S. Geological Survey

Over these years, there has been very little change in our gallons sold and our rates. Those 2 factors drive our revenues. During that same time period, the costs of almost everything we use to operate these systems has increased. That is not a sustainable, long-range business model.

Annual Water & Wastewater – Per Customer



The average monthly water usage per customer in 2024 (YTD) is 3,200 gallons. and the average usage per sewer customer is 3,147 gallons. In 2023, those averages were 3,334 gallons and 3,202 respectively, which means there is about a 189 gallon per month decrease in the average usage between the years.

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.

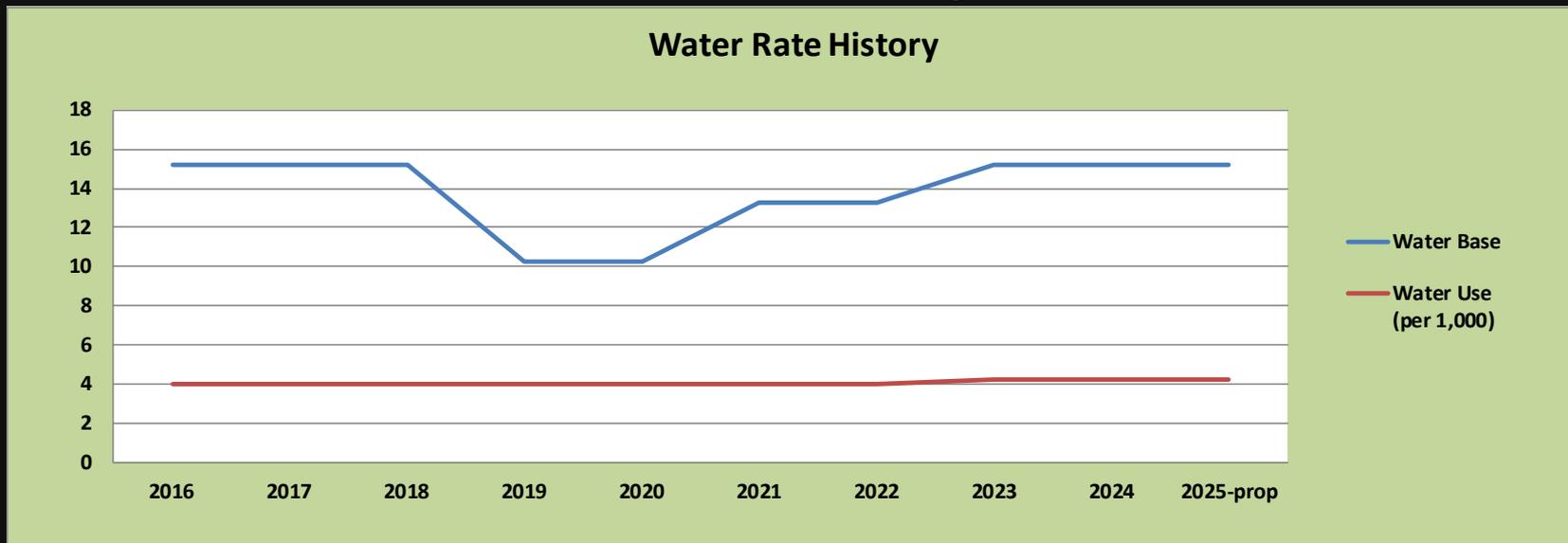
Usage: This component should be used to collect the remaining 25% of the debt service and capital costs and all direct operating costs.

Current Rates		
Water		
Customer		\$4.80
Demand		\$10.44
Use(0-4,000 gallons)		\$4.22
4,001-20,000		\$4.50
20001+		\$4.55
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 per month for water and sewer combined		
	0	\$39.42
	1000	\$52.94
	2000	\$66.46
	4000	\$93.50
	5000	\$107.30

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

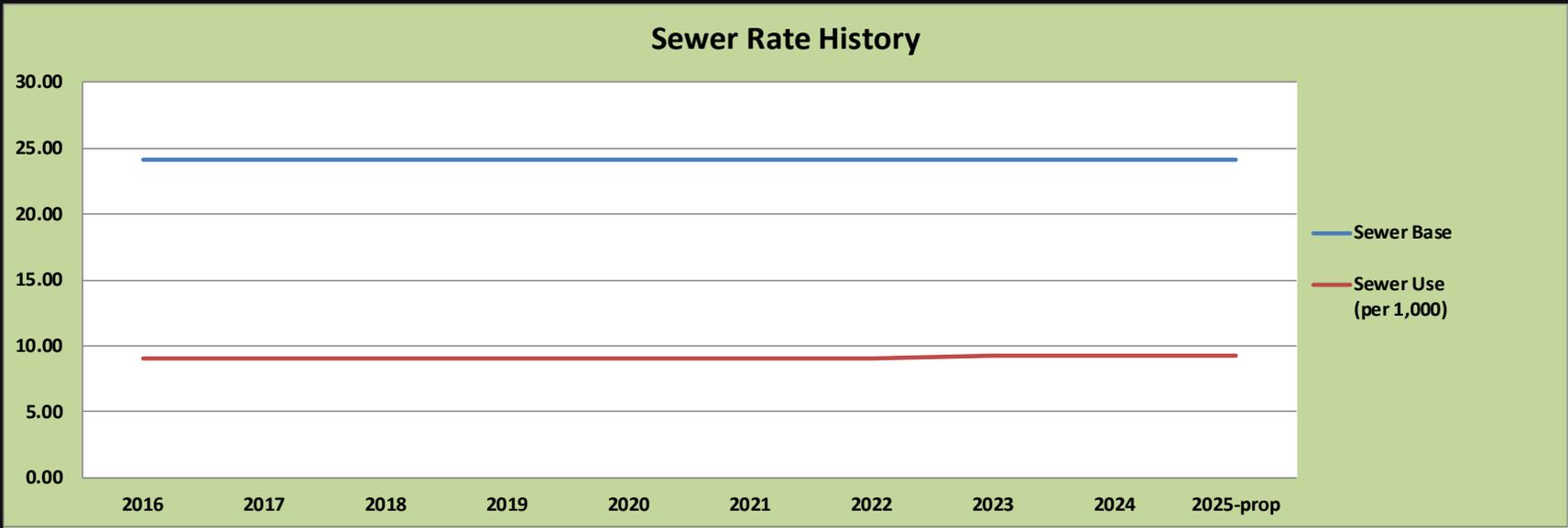


	2016	2017	2018	2019	2020	2021	2022	2023	2024	Proposed 2025-prop
Water Base	15.24	15.24	15.24	10.24	10.24	13.24	13.24	15.24	15.24	15.24
Water Use (per 1,000)	4.02	4.02	4.02	4.02	4.02	4.02	4.02	4.22	4.22	4.22
Monthly Bill (3,000 gal.)	27.30	27.30	27.30	22.30	22.30	25.30	25.30	27.90	27.90	27.90

Green box indicates a year that there was a change in the rate. This graph is for 3,000 gallons usage, which is in the \$4.22 per/1000 gallon rate up to 4,000 gallons. In 2023, the town added rates of \$4.50 per gallon for 4,001-20,000 gallons and \$4.55 per gallon for 20,001+ gallons. We are charging the same base rate that we were in 2015.

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

Rate History



2016	2017	2018	2019	2020	2021	2022	2023	2024	Proposed 2025-prop
24.18	24.18	24.18	24.18	24.18	24.18	24.18	24.18	24.18	24.18
9.08	9.08	9.08	9.08	9.08	9.08	9.08	9.30	9.30	9.30
51.42	51.42	51.42	51.42	51.42	51.42	51.42	52.08	52.08	52.08

Green box represents a year that there was a change in the rate. We are charging the same base that we were in 2015.

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

\$79.77

Our customers, under proposed rates for FY24-25, will pay.....

\$79.98

Cumulative Inflation rate between July, 1996 and March, 2024= 98.94%. During that same time period, our rates have increased 99.45%. Given the numerous changes that our system has undergone since 1996, simply keeping pace with inflation should not be a realistic expectation.

Inflation Data Source- www.inflationdata.com

Enterprise Funds Rate Model



Current Rates	
Water	
Customer	\$4.80
Demand	\$10.44
Use(0-4,000 gallons)	\$4.22
4,001-20,000	\$4.50
20001+	\$4.55
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 per month for water and sewer combined	
0	\$39.42
1000	\$52.94
2000	\$66.46
4000	\$93.50
5000	\$107.30

This shows the current rates, which are also the proposed rates.

Water Fund Revenue/Expense Summary

Water - Revenue	20-21	21-22	22-23	23-24	24-25	Change v. prior year	
	Actual	Actual	Actual	Budget	Proposed	%	\$
Base Fee	235,531	244,019	281,134	278,811	280,228	0.51%	1,417
Usage Charges	227,532	232,525	256,511	242,665	238,040	-1.91%	-4,625
Hydrant Fee	20,930	20,453	20,032	19,764	19,398	-1.85%	-366
Tap Fees	4,650	3,420	1,967	1,250	1,250	0.00%	0
Nonpayment fees	12,950	12,320	9,800	10,500	10,500	0.00%	0
Late payment fees	7,564	7,547	8,085	7,822	7,774	-0.61%	-48
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.)	997	2,138	17,804	66,039	4,260	-93.55%	-61,779
Appropriated Fund Balance	0	0	0	28,953	72,549	150.58%	43,596

Water Fund				TOTAL
Total Revenue	561,451			Reserves needed + capital +transfer
Total Expenditure	634,000	Capital O/L	Transfers	
Revenue-Expenditure=	-72,549	20,000	0	

Funding is set aside each year in water CIP for future vehicle purchases. This year the amount is \$5,000 This year there is also \$20,000 set aside in the annual appropriation for Water CIP. The fund balance appropriation as noted on top chart does not include these transfers.

Sewer Fund Revenue/Expense Summary

Sewer - Revenue	20-21	21-22	22-23	23-24	24-25	Change v. prior year	
	Actual	Actual	Actual	Budget	Proposed	%	\$
Base Fee	293,751	292,618	298,382	296,108	297,179	0.36%	1,071
Usage Charges	316,010	323,268	351,019	348,824	337,526	-3.24%	-11,298
Tap Fees	0	1,250	1,250	1,250	1,250	0.00%	0
Late Payment Fee	8,701	8,852	8,392	8,384	8,251	-1.58%	-133
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.)	1,031	1,696	24,464	68,387	8,759	-87.19%	-59,628
Appropriated Fund Balance	0	0	0	-43,449	42,035	-196.75%	85,484
TOTAL	619,492	627,684	683,507	679,504	695,000	2.28%	15,496

<i>Sewer Fund</i>				TOTAL
Total Revenue	652,965			Reserves needed + capital+ transfer
Total Expenditure	695,000	CapitalO/L	Transfers	
Revenue-Expenditure	-42,035	25,000	0	67,035

Funding is also set aside each year in sewer CIP for future vehicle purchases. This year the amount is \$5,000. This year there is also \$25,000 set aside in the annual appropriation for Sewer CIP. for The fund balance appropriation as noted on top chart does not include these transfers.

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 24-25 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.

Note- The rate model does not allow for multiple rate tiers, as were adopted for the water department on September 15, 2022. The figures represent the lowest water rate tier of \$4.22 per/1000 gallons for water. Therefore, the estimated revenues for water are most likely lower than are budgeted. Also, as is the case with the General Fund, forecasted revenues are based on a 95% collection rate of budgeted revenue and expenditures are based on expending 75% of approved expenditures.

Town of River Bend

Fiscal Year 2024-2025 Budget Workshop

May 9, 2024

30. Tax rates, utility rates and other fees

Ad valorem tax rate

Utility rates and fees

Schedule of rates and fees