

## JOINT MUNICIPAL WATER AND SEWER COMMISSION

### MINUTES

May 15, 2024

The Joint Municipal Water and Sewer Commission held its Wednesday, May 15, 2024, meeting at the Commission office at 5:30 PM.

### MEMBERS IN ATTENDANCE

Frank Shumpert, Chairman - Town of Pelion  
Joseph Hardee, Vice-Chairman - Gilbert-Summit Rural Water District  
Troy Bivens, Town of Gaston  
Cindy Campbell, Town of South Congaree  
Bobby Keisler, County of Lexington  
Hazel Livingston, Town of Lexington  
Tem Miles, City of West Columbia  
Juston Ricard, Town of Springdale  
Lancer Shull, Town of Batesburg-Leesville

### OTHERS IN ATTENDANCE

Jay Nicholson, General Manager	Gene House, Operations Manager
Stephanie Morton, Clerk to Commission	Guy Schmoltze, Engineering & Const.
Ashton Blocker, Finance	Madeline Zimmerman, Finance
Brittany Harmon, Finance	Barry Leaphart, Operations
Lindsay Jumper, Customer Service	Leigh Hamiter, Customer Service
Greg Brewer, Guest	

The Chairman called the meeting to order.

The Chairman confirmed the media had been notified.

Chairman Shumpert addressed item three (3) regarding Commissioner introduction. Mr. Jay Nicholson welcomed Mayor Cindy Campbell who will be serving as the Commissioner for South Congaree.

The Chairman addressed item four (4) regarding consideration of minutes from the 4/10/24 meeting. Mr. Bobby Keisler made the motion to accept the minutes as submitted. Mr. Tem Miles seconded the motion and it passed unanimously.

Chairman Shumpert addressed item five (5) Executive Report. Mr. Jay Nicholson presented an informal report to the board. A full copy of the report is attached as an addendum to the minutes.

The Chairman addressed item six (6) Proposed Budget FY 2024-2025. Mr. Ashton Blocker presented the budget to the board and gave an overview of the budget highlights. Mr. Guy Schmoltze also gave an overview of the Capital Improvements portion of the budget. The Chairman asked if anyone had any questions. Hearing none, the Chairman called for the vote. Mr. Tem Miles made the motion to approve the proposed FY 2024-2025 budget as submitted. Mr. Juston Ricard seconded the motion and the motion passed unanimously.

Chairman Shumpert addressed item seven (7) Executive Session regarding PFAS Litigation update, North Fork Commerce Park and Swansea Operating Agreement. Ms. Hazel Livingston made the motion to go into Executive Session. Mr. Lancer Shull seconded the motion and the motion passed unanimously.

Coming out of Executive Session the Chairman stated that the only motion made during Executive Session was the motion to adjourn.

Chairman Shumpert addressed item nine (9) regarding announcements. The next Commission meeting will be held on 6/12/24. Mr. Nicholson announced that the Christmas party will be held at Lexington Country Club this year on December 5<sup>th</sup>.

As there was no other business, Mr. Troy Bivens made a motion to adjourn the meeting. Mr. Juston Ricard seconded the motion and the motion passed unanimously. The meeting adjourned at 7:35pm.



PROGRESS THROUGH COOPERATION

# Executive Report

April 10 – May 15, 2024

## Legislative/Regulatory Update

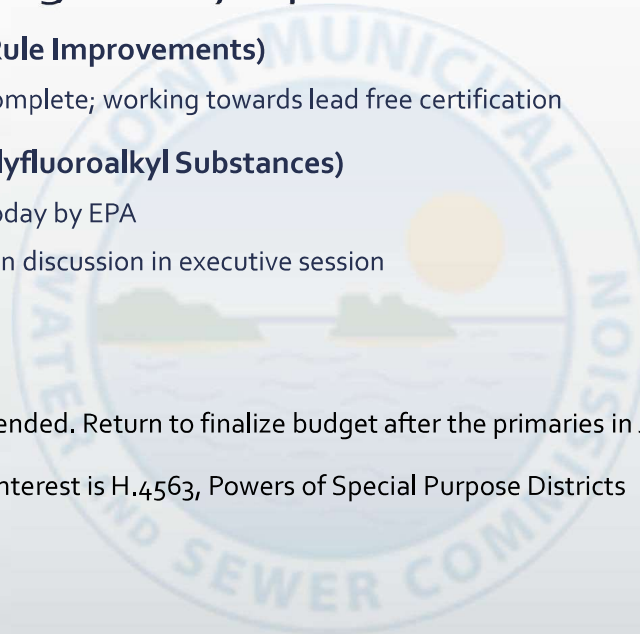


- **Batesburg-Leesville project**
- Project to begin this summer
  
- **Swansea**
- Project making good progress



## Legislative/Regulatory Update

- **LCRI (Lead and Copper Rule Improvements)**
  - Service Line Inventory complete; working towards lead free certification
- **PFOA/PFOS (Per and Polyfluoroalkyl Substances)**
  - New MCLs announced today by EPA
  - Litigation/communication discussion in executive session
- **SC Government**
  - The regular session has ended. Return to finalize budget after the primaries in June
  - One bill that may be of interest is H.4563, Powers of Special Purpose Districts



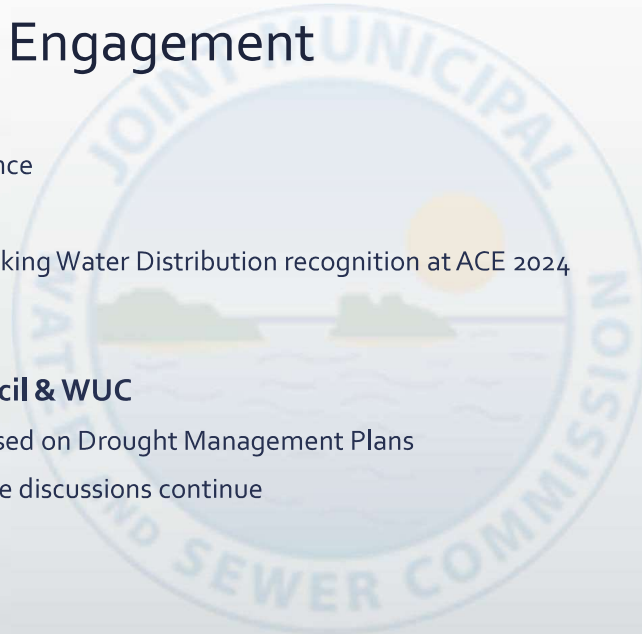
# Professional Engagement

- **Conferences/Meetings**

- GFOASC Spring conference
- Capstone Day at LTC
- Partnership for Safe Drinking Water Distribution recognition at ACE 2024

- **Saluda River Basin Council & WUC**

- Met today – mostly focused on Drought Management Plans
- Growth modeling and use discussions continue



# Workforce

- **Training and Education**
  - GFOASC Spring Conference
- **Staffing**
- **Operations**
  - Full staff
  - Continue to consider new talent
- **Engineering**
  - Full staff
- **Customer Service**
  - Full staff
- **Finance**
  - Fine tuning job description



# Operations

- **Tank Maintenance**

- All inspections and maintenance up to date
- Calks Ferry renovation under evaluation
- Hwy 378 contract being evaluated (decommission/demolition)
- Charter Oak contract cost included in FYE 2025 budget proposal

- **Water Quality**

- Water quality and chlorine residuals remain stable throughout distribution system
- Flushing in several areas per normal operation optimization
- 2" water main break on Mockingbird (Land of the Lakes)

- **Sewer Collections**

- No SSOs in April
- WKHS outfall line has been videoed following previous SSO
- Lift Station and FM PMs performed throughout collections





## Engineering & Construction

### ▪ Technology – GIS/CMMS/IT

- CMMS – CityWorks; flushing and Valve Maintenance programs are built
- RFQ for AMI assistance to be advertised soon
- Commercial Project Portal is live
- Developing a website for CIP related projects
- CIP and 20 yr Master Plan Update (Water)

## Finance

- Budget presented this meeting – rates/growth/inflationary economy are reflected in proposal; incorporates increases from wholesale providers
- Investments remain strong
- ACH rollout on small sample of vendors grows

## Customer Service

- Customer Information System (CIS) Upgrade
- SpryPoint training and data collection making progress
- Lockbox for bill payments

# Capital Improvements Program

## ▪ Water Projects

- Phase two of water plant transmission main; working on punch list; PTO issued
- Pelion Water Main Replacement Project installation completed; working on closeout
- Black Jack Oak Lane; we have requested additional information prior to reimbursement
- Muddy Springs Water Main Extension; have not received information for reimbursement
- B-L Project; anticipate construction to begin this summer; tank contractor clearing
- Fort's Ridge subdivision (Pelion) to extend main along Lydia Dr for improved flows; project has been permitted for construction
- Calico Farms; working with project engineers on long term water plan in this area
- Working with GMC on water main improvements at the Platt Springs Tank; submitted for permitting
- Working with Hazen on Updating the 20 year Master Plan
- Received proposal from Weston & Sampson for the Pelion Main Street Water Main Replacement
- Submitted a PQ to SCDHEC/SRF for the Pelion Fire System Upgrade (PF)
- Traffic circle relocation projects – Bethany Ch/Boiling Springs, Meadowfield/Hwy 6
- Met with CWC on plant expansion progress/billing/scope/projections

# Capital Improvements Program

## ▪ Sewer Projects

- Old Orangeburg Sewer Upgrades (CDBG) gravity portion; filed NOT with County
- Old Orangeburg/Platt Springs Sewer Upgrades (SRF); Wiley Easton continues to make progress
- Platt Springs Crossing project; LAD has begun on the offsite portion of this project; McMahan Bros near completing of FM
- Lexington Hills Lift Station rehab; working with Frazier Engineering (Cha) and Hazen; pre ordering some materials (pumps/valves)
- Two Notch Lift Station #2 rehabilitation completed
- Bluefield Pump Station; Shady Grove and McMahan Bros making great progress
- Calico Farms project; conceptual design phase (sewer routing and pump station)
- Highfill Engineering has begun design on force main upgrade along Bluefield Rd
- Black & Veatch is evaluating upgrade needs to Business Park lift station

JMWSC at a Glance	Apr-23	May-23	Jun-23	FY23 Growth	FY22 Growth	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	Jan-24	Feb-24	Mar-24	Apr-24	FY24 Growth	Previous YTD
<b>Customer Data</b>																	
Water customers	19,622	19,677	19,699	3.14%	2.89%	19,725	19,771	19,813	19,908	19,987	20,092	20,127	20,161	20,236	20,294	2.79%	2.73%
Sewer customers	6,328	6,381	6,385	7.64%	4.99%	6,392	6,400	6,421	6,468	6,522	6,629	6,652	6,661	6,699	6,748	5.23%	6.68%
New water only	30	8	13	195	250	9	33	29	47	36	4	31	22	26	37	274	174
New water/sewer	44	39	13	378	266	4	4	31	40	62	84	11	21	32	30	319	326
<b>Total new customers</b>	<b>74</b>	<b>47</b>	<b>26</b>	<b>573</b>	<b>516</b>	<b>13</b>	<b>37</b>	<b>60</b>	<b>87</b>	<b>98</b>	<b>88</b>	<b>42</b>	<b>43</b>	<b>58</b>	<b>67</b>	<b>593</b>	<b>500</b>
Start accounts	207	160	268			224	256	170	209	140	156	239	200	187	218		
Close accounts	44	52	50			99	74	58	54	34	45	50	45	50	53		
Meters read (AMR)	19,646	19,824	19,907			19,798	19,943	19,958	20,019	20,135	20,114	20,308	20,335	20,324	20,349		
Meters unread (AMR)	205	89	65			195	78	100	80	58	159	79	82	119	168		
Disconnected/nonpmt	103	117	170				124	118	137	skipped	skipped	139	147	140	160		
Remain disconnected	14	14	17				16	17	30	n/a	n/a	33	25	17	12		
<b>Water quality complaints</b>																	
Taste/odor/color	0	1	2			1	1	0	0	0	0	6	2	2	1		
Pressure	1	3	3			1	5	1	0	0	0	1	2	3	13		
<b>Total</b>	<b>1</b>	<b>4</b>	<b>5</b>			<b>2</b>	<b>6</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>7</b>	<b>4</b>	<b>5</b>	<b>14</b>		
<b>Flow Data (MGD)</b>																	
Water avg daily flows	6.22	*7.4	8.39			9.02	9.20	8.20	7.80	6.02	5.35	5.46	4.78	4.97	6.20		
previous year	5.64	7.21	9.19			7.87	8.10	7.85	6.54	5.08	5.25	*4.71	4.69	5.36	6.22		
Sewer avg daily (combined)	1.513	1.44	1.42			1.52	1.49	1.52	1.42	1.46	1.52	1.52	1.53	1.61	1.502		
previous year	1.365	1.35	1.34			1.42	1.38		1.37	1.377	1.395	1.429	1.493	1.431	1.513		
<b>Current projects</b>																	
Residential	35		37				37	35	38		37	39		38	43	Res lots	
Commercial	21		17				21	24	24		24	24		24	17	water	sewer
JMWSC	9		8				8	8	8		9	9		9	9	2,940	2,122
<b>Total projects</b>	<b>65</b>		<b>62</b>			<b>66</b>	<b>67</b>	<b>70</b>	<b>70</b>		<b>70</b>	<b>72</b>		<b>71</b>	<b>69</b>		
<b>Locates received</b>																	
Locates received	1088	1181	1041			1041	898	972	1099	859	707	907	1050	1268	1733		
Locates marked	693	803	609			567	539	596	714	584	447	590	716	891	1270		
<b>Total LF marked</b>	<b>52,690</b>	<b>67,310</b>	<b>54,925</b>			<b>57,630</b>	<b>58,815</b>	<b>59,385</b>	<b>55,225</b>	<b>48,910</b>	<b>38,780</b>	<b>45,210</b>	<b>84,255</b>	<b>107,950</b>	<b>139,480</b>		

Revenues/Expenses thru april 2024	Actual	Budget	% Budget
Operating Revenues*	18,380,649	22,468,387	82%
Operating Expenses*	10,326,022	13,697,178	75%

\*Direct operating revenues/expenses only. Does not include debt service and depreciation information.



PROGRESS THROUGH COOPERATION

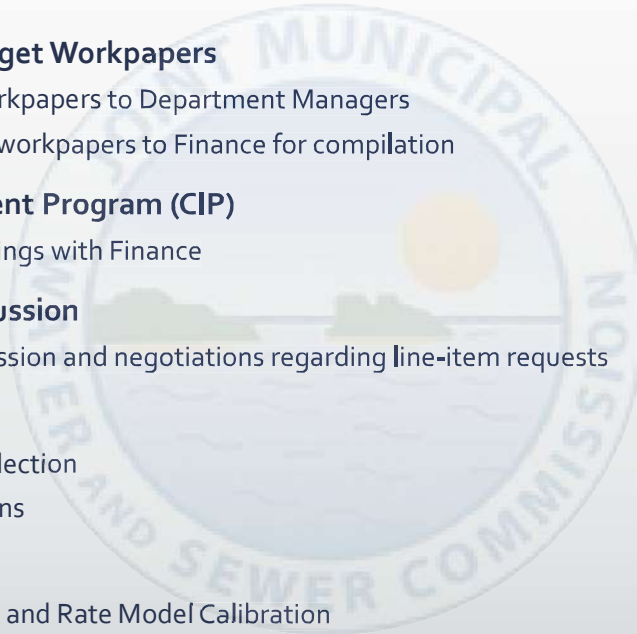


# Budget & Financial Planning Fiscal Year 2024-2025

JOINT MUNICIPAL WATER AND SEWER COMMISSION

# Budget Process

- **Departmental Budget Workpapers**
  - Distribution of workpapers to Department Managers
  - Managers submit workpapers to Finance for compilation
- **Capital Improvement Program (CIP)**
  - Engineering meetings with Finance
- **Management Discussion**
  - Round Table discussion and negotiations regarding line-item requests
- **Revenue Analysis**
  - Historical data collection
  - Revenue projections
- **Financial Model**
  - Financial Planning and Rate Model Calibration
  - Water and Sewer Rates Analysis



# What Do We Need to Know?

- **Do we have enough money for Debt Service Coverage?**
  - Revenues > Expenses
  - What we bring in has to be more than what we spend
- **What is our Credit Rating?**
  - What is our corporate credit score
  - Aa2 (Moody's); AA+ (S&P)
- **Can we Fund our Long-Term Projects?**
  - Financial planning of Capital Improvements Program
  - Growth Rate vs Usage

	Moody's	S&P
	Aaa	AAA
	Aa1	AA+
	Aa2	AA
	Aa3	AA-
	A1	A+
	A2	A
	A3	A-
	Baa1	BBB+
	Baa2	BBB
	Baa3	BBB-
	Ba1	BB+
	Ba2	BB
	Ba3	BB-
	B1	B+
	B2	B
	B3	B-
	Caa1	CCC+
	Caa2	CCC
	Caa3	CCC-
	-	D

<p><b>Investment grade</b></p> <ul style="list-style-type: none"> <li>• Low risk</li> <li>• Low return</li> <li>• Low fees</li> </ul>
<p><b>JUNK BONDS</b></p> <ul style="list-style-type: none"> <li>• High risk</li> <li>• High return</li> <li>• High fees</li> </ul>



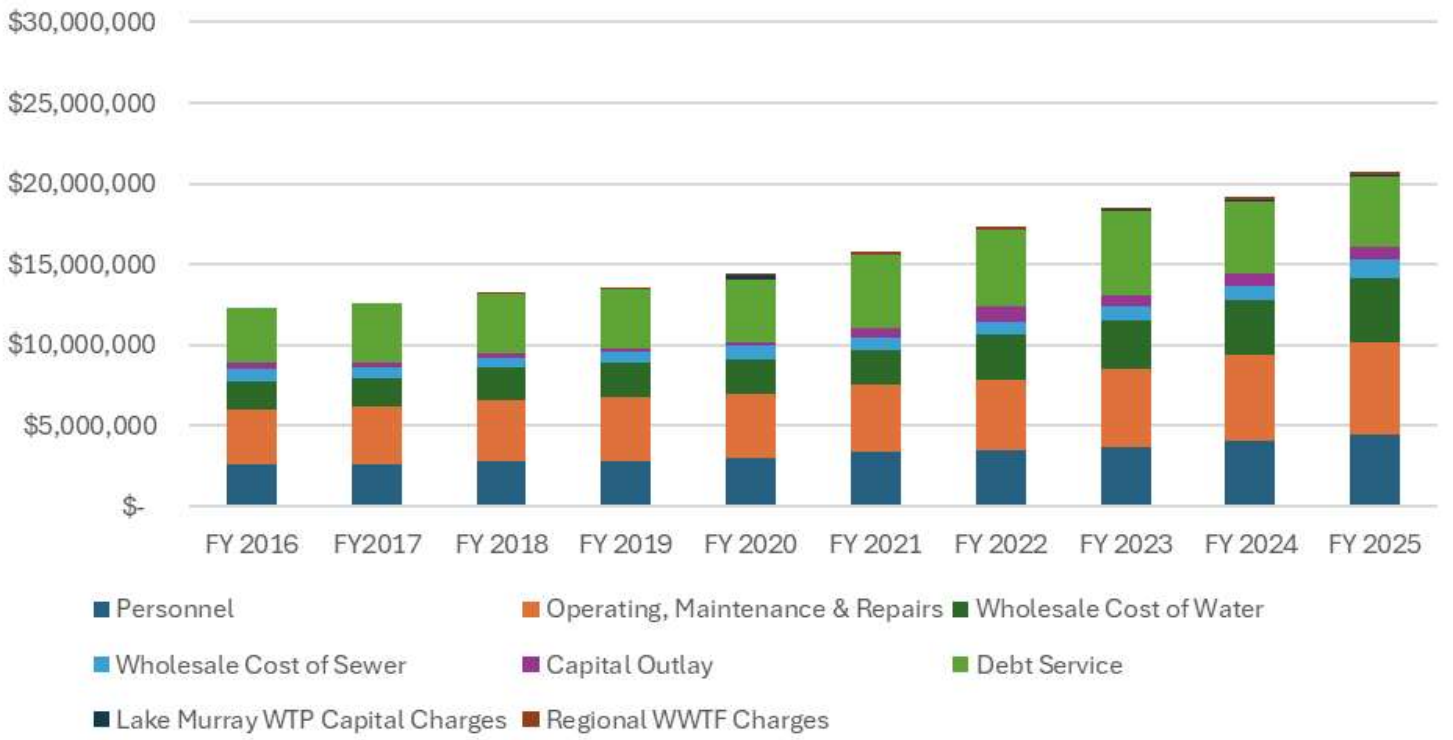
## Budget Overview and Highlights

- Total Budgeted Revenues: \$24,715,029 (up 10.0%)
- Total Budgeted Expenses (CEB): \$20,725,219 (up 8.2%)
- Customer Growth Rate Assumptions:
  - **Water** – 3.25% (Residential); 3.25% (Commercial); 0.00% (Industrial)
  - **Sewer** – 6.75% (Residential); 5.00% (Commercial); 0.00% (Industrial)

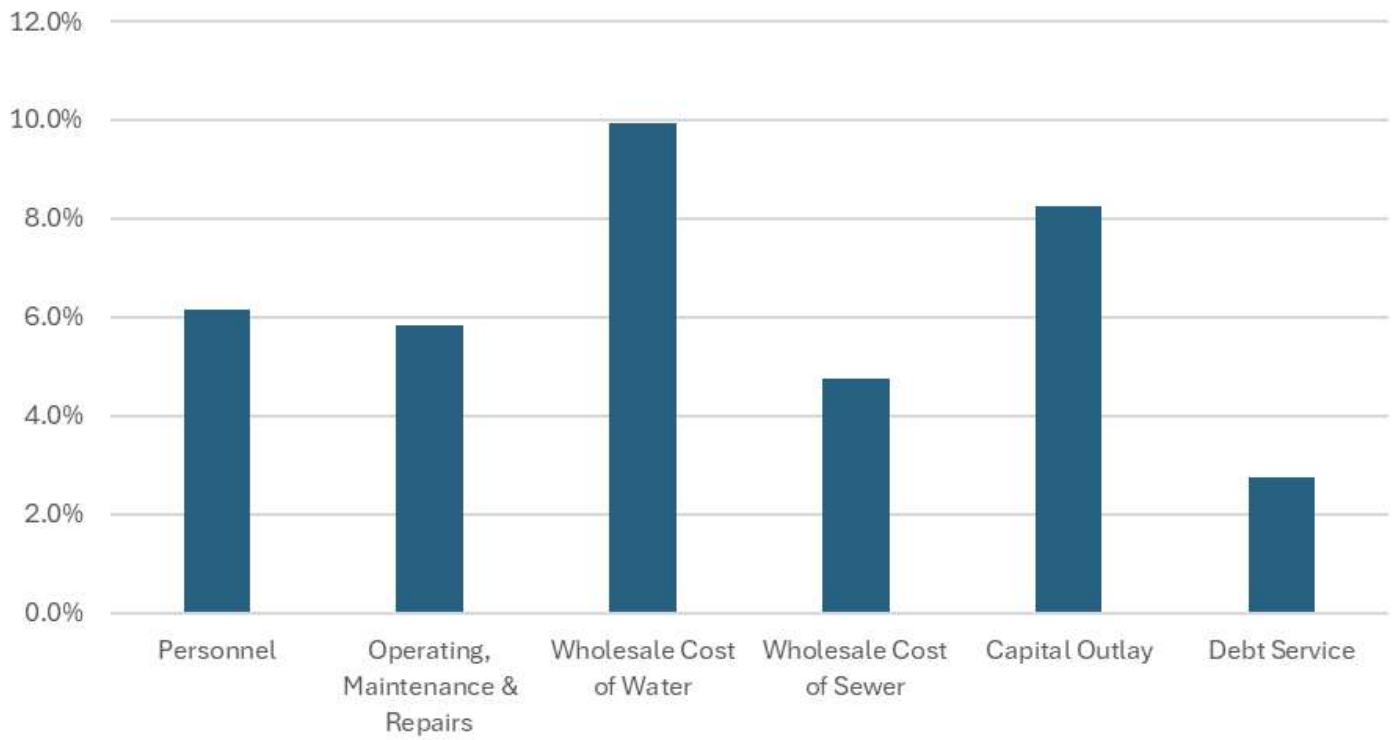
### Revenue Trend - 10-Year Recap



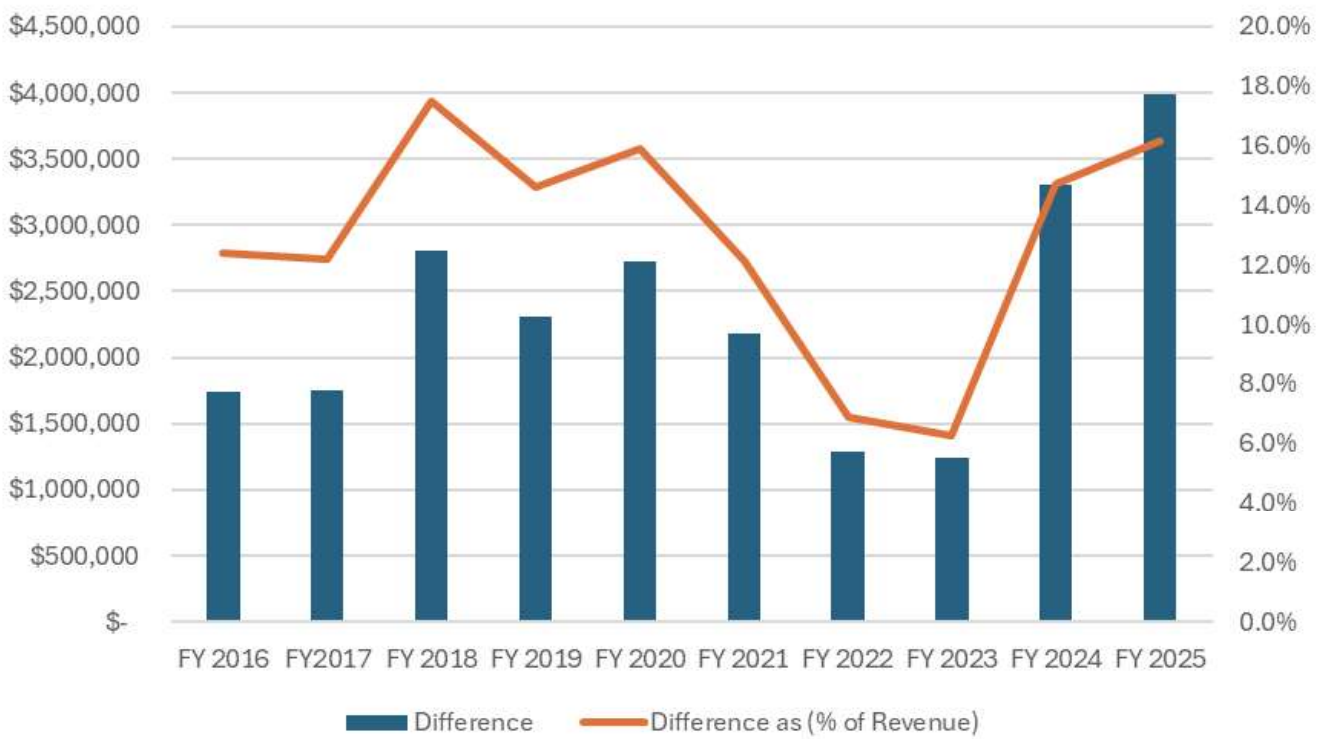
### Expense Trend - 10-Year Chart



### Expense Categories - 9-Year Year CAGR (FY16 - FY25)



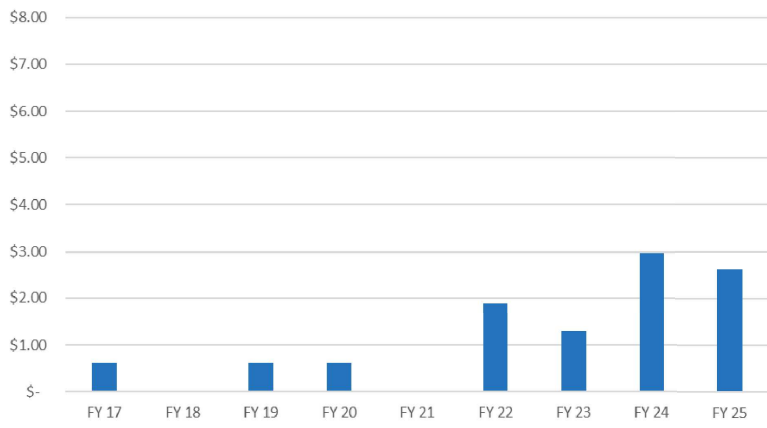
### Budgeted Revenues vs. Budgeted Expenditures



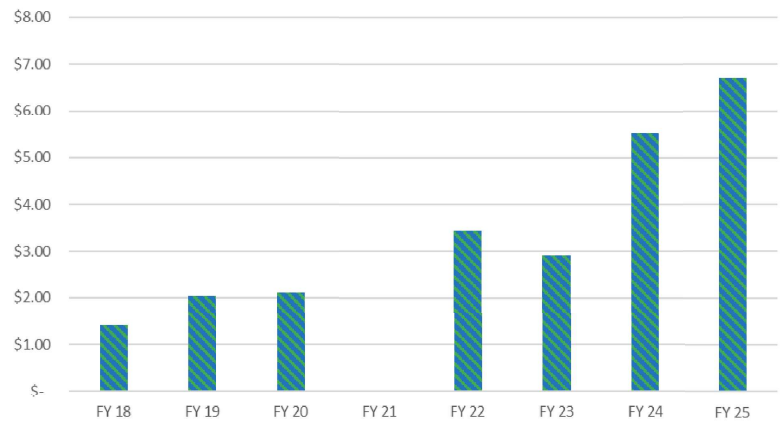
## Budget Overview and Highlights

- Proposed Water & Sewer Rate Increases
  - **Water:** +3.5% (maintenance fee); +3.5% (volumetric rate)
  - **Hydrant Fee:** \$1/mo. increase (\$4/mo. to \$5/mo.)
  - **Sewer:** +7% (maintenance fee); +7% (volumetric rate)
  - **Customer Impact** (Residential – 6,000 gpm)
    - Water Only: \$2.63 increase per month (4.7%)
    - Water & Sewer: \$6.70 increase per month (5.9%)
  - **Backflow Installation Fee:** \$25 increase (\$200 to \$225 per install)
  - **Tap Fees:** Approved at October 2023 Commission meeting. To be Implemented in July 2024.

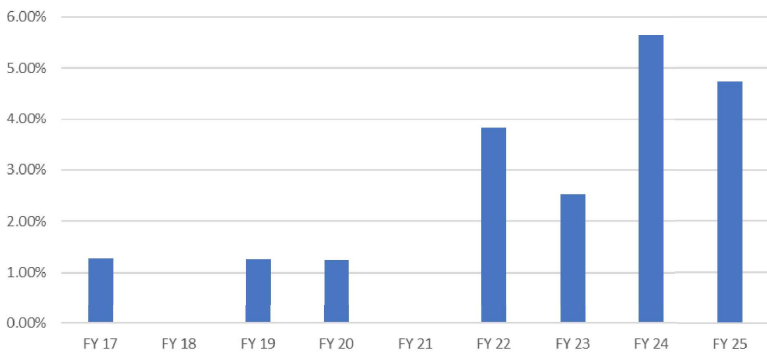
**Water Only (6 kgal) - \$ Increase**



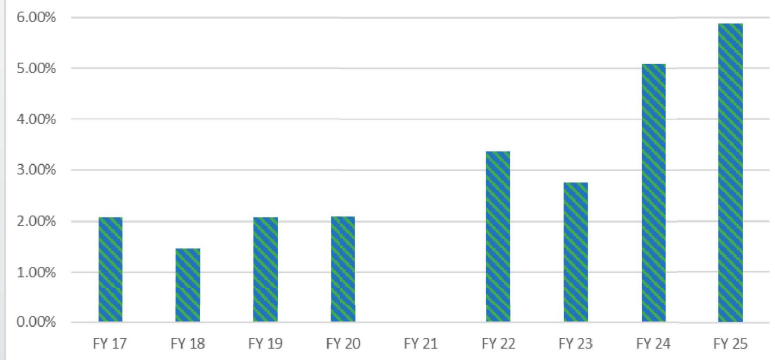
**Water & Sewer (6 kgal) - \$ Increase**



**Water Only (6 kgal) - % Increase**

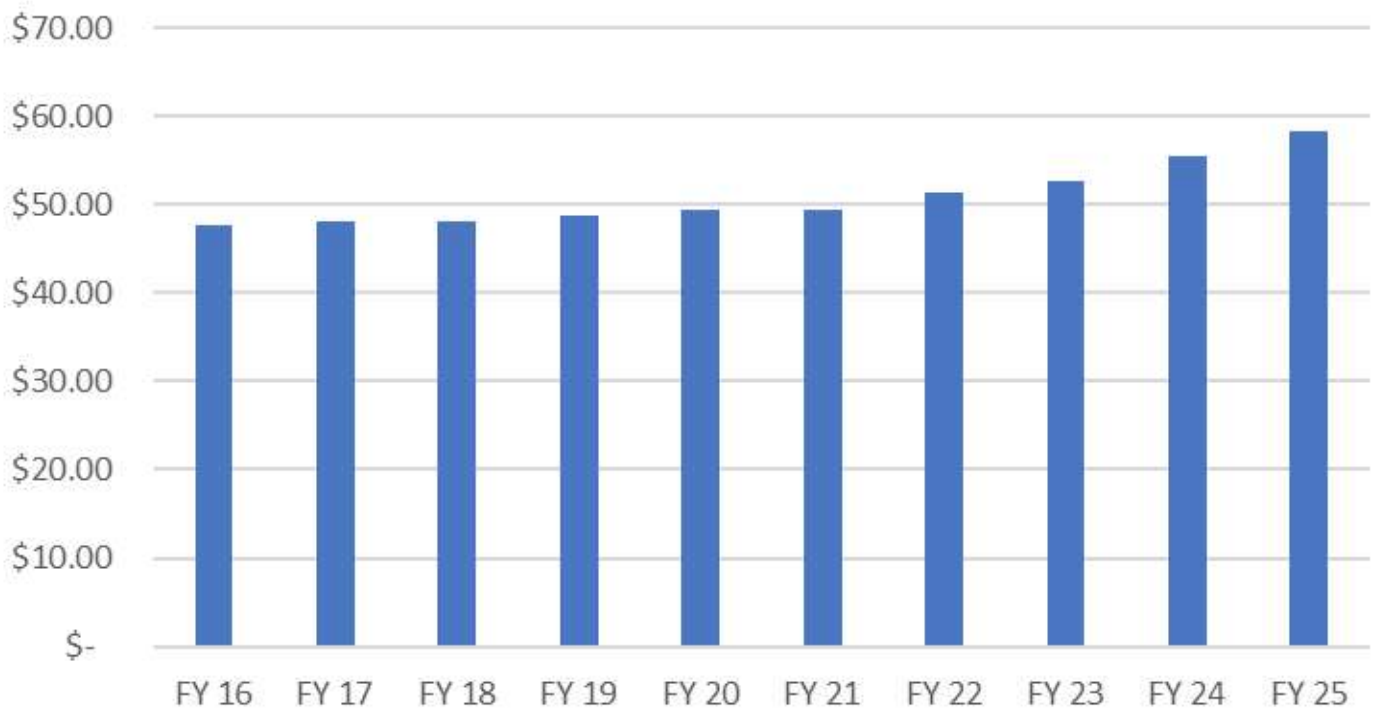


**Water & Sewer (6 kgal) % Increase**

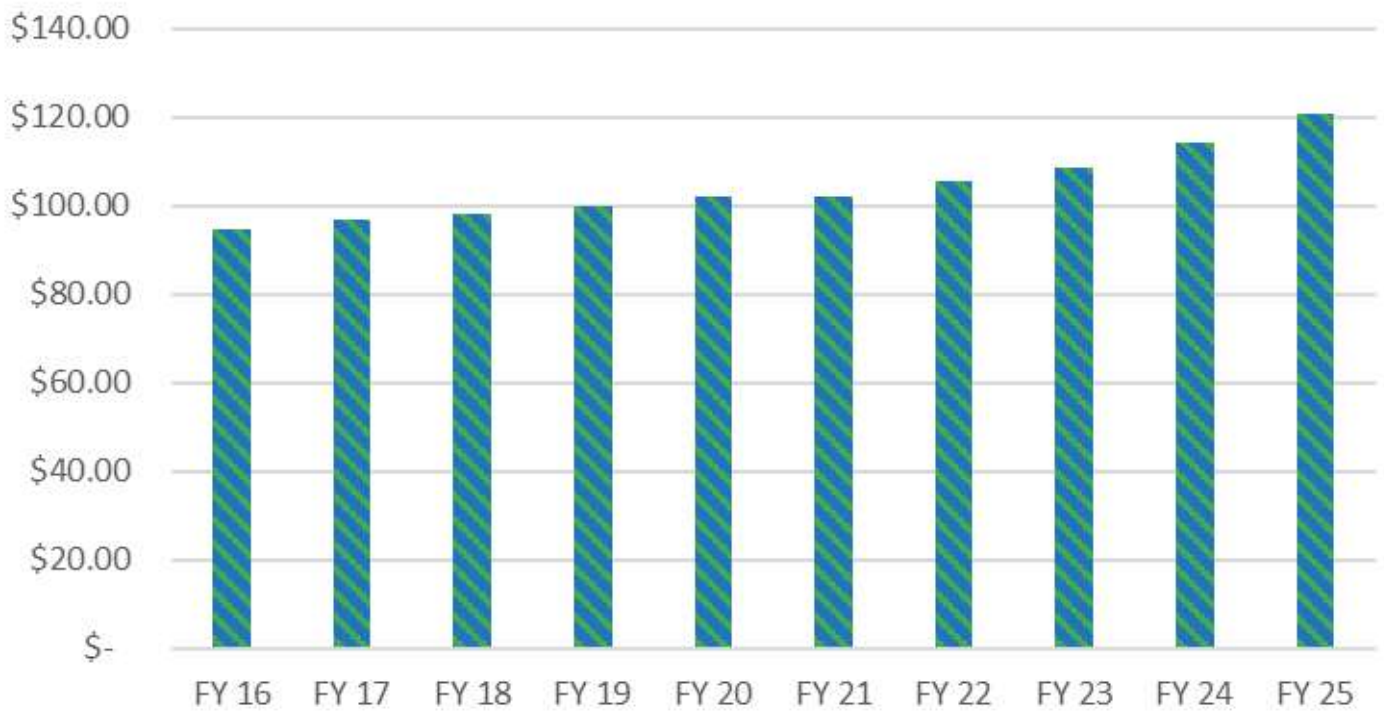




### Water Only (6 kgal) Total Bill



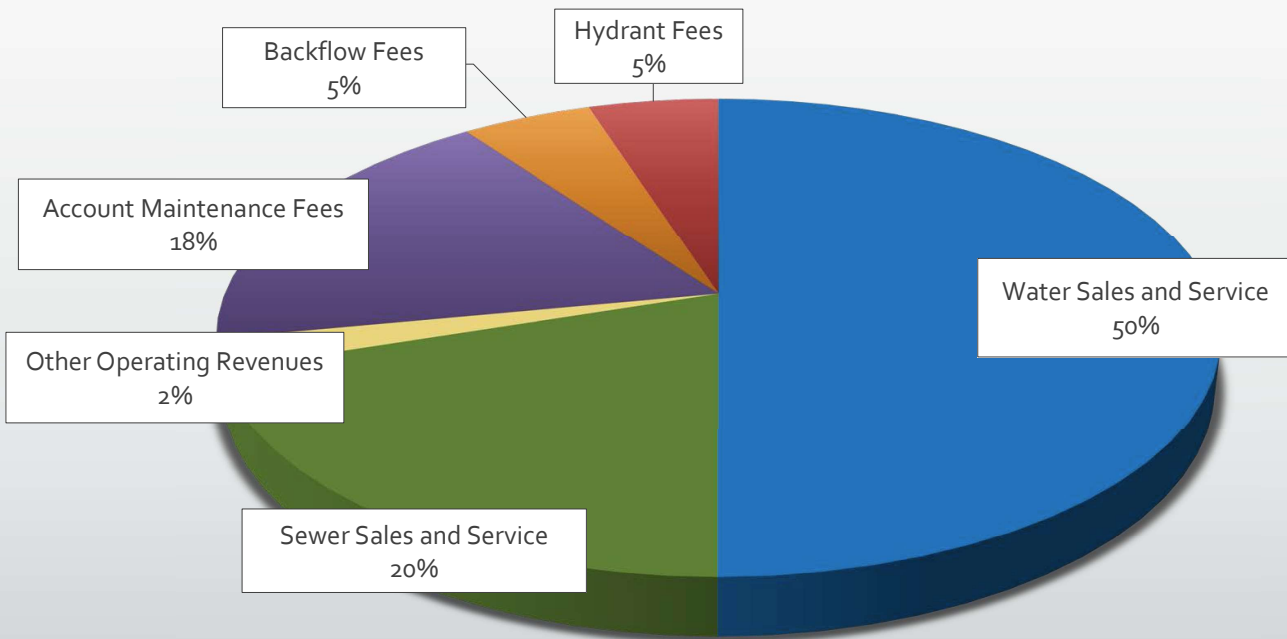
### Water & Sewer (6 kgal) Total Bill



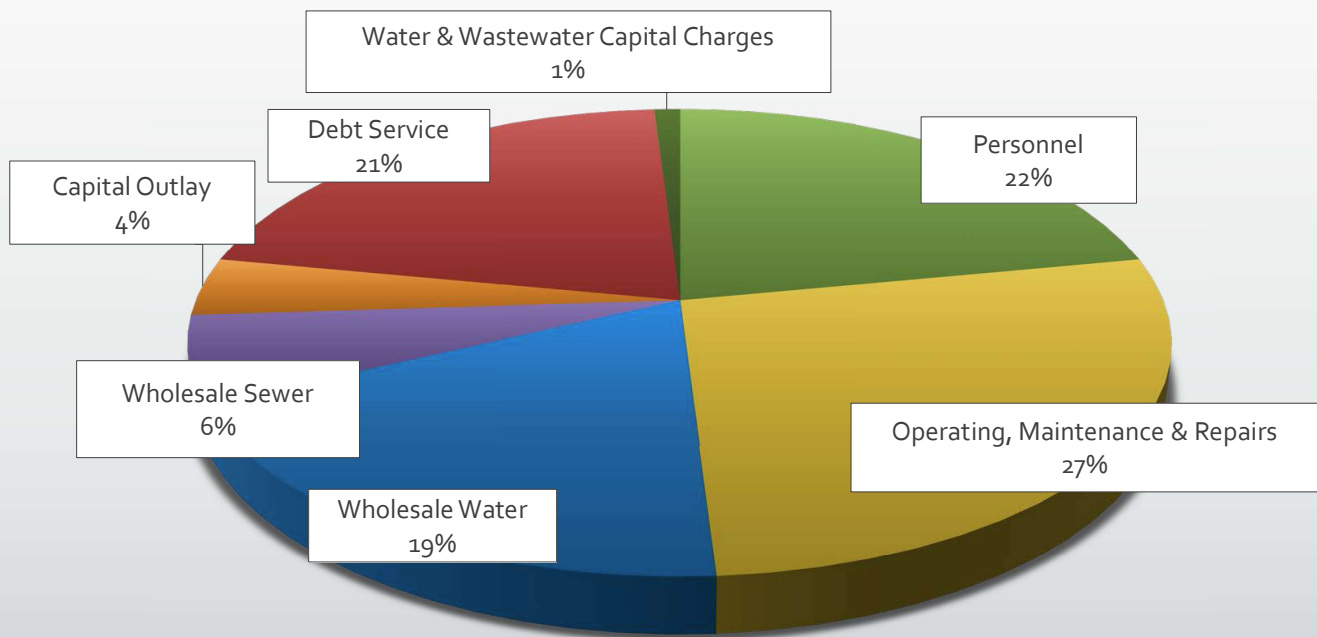
## Budget Overview and Highlights

- Personnel
  - 40 positions on Organizational Chart – +2 positions vs. FY24 Budget
    - 1 Utility Technician
    - 1 Backflow Technician
  - 2% COLA (effective 7/1/24), plus merit increases
  
- Debt
  - CWSRF SRF Loan – \$2,594,327 (Old Orangeburg/Platt Springs Rd Sewer Improvements)
    - \$148,948 annually (20 years)
  - DWSRF SRF Loan - \$12,541,962 (Batesburg-Leesville)
    - \$720,073 annually (20 years) – Not scheduled to begin until FY26

## FY25 Proposed Current Expense Budget Revenue Sources

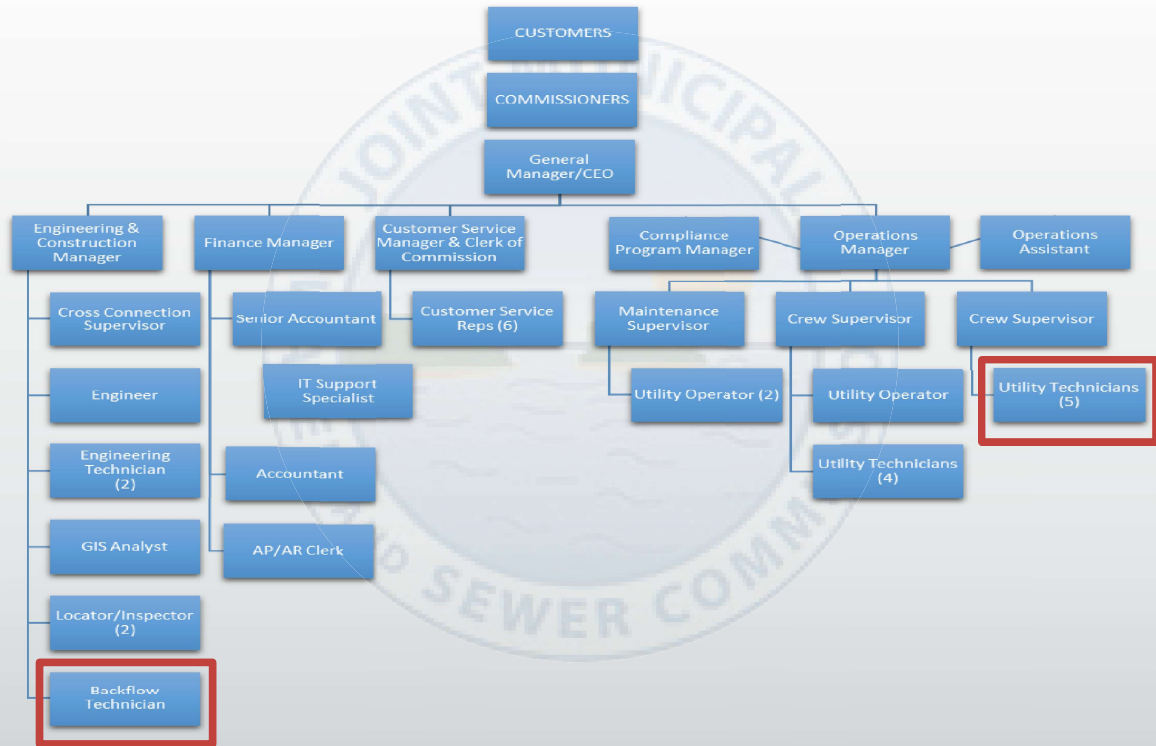


## FY25 Proposed Current Expense Budget Direct and Indirect Expenses



# FY25 Proposed Organizational Chart

\*40 Positions (+2 positions vs. FY24)

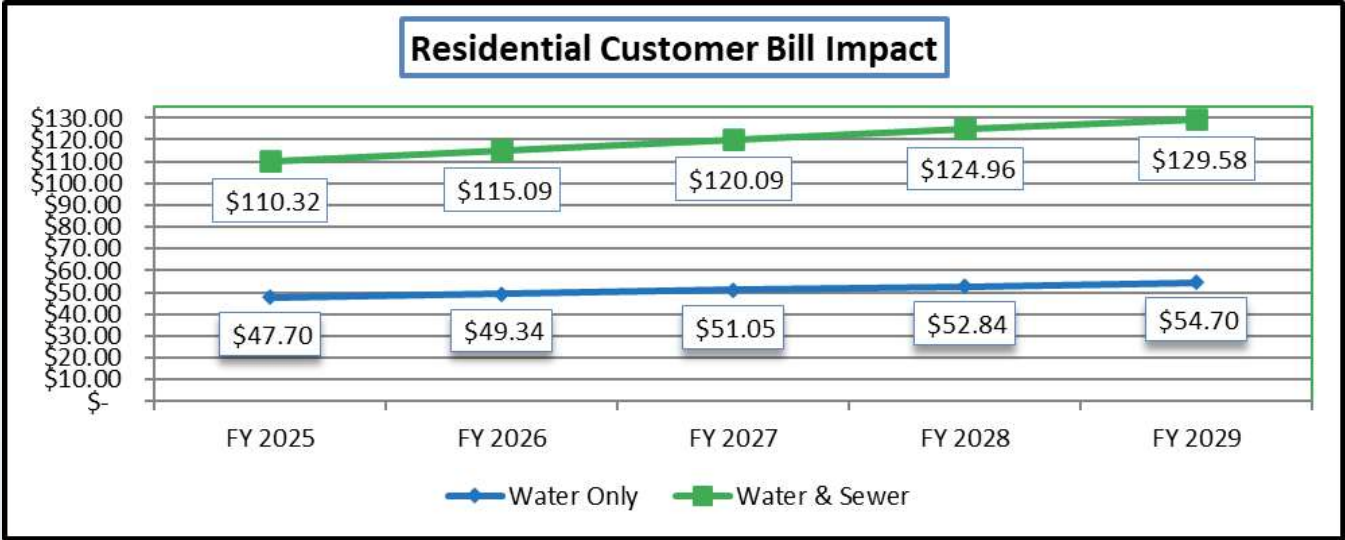


## FY25 Proposed Rate Increase

	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	
Water Monthly Maintenance Fee Increase	3.5%	3.5%	3.5%	3.5%	3.5%	
Water Volume Charge Increase	3.5%	3.5%	3.5%	3.5%	3.5%	
Sewer Monthly Maintenance Fee Increase	7.0%	5.0%	5.0%	5.0%	5.0%	
Sewer Volume Charge Increase	7.0%	5.0%	5.0%	5.0%	5.0%	
<i>Residential Customer Bill Impact</i>						
Average User (3/4" Meter)	<u>Usage (gal)</u>					
Water Bill	6,000	\$ 47.70	\$ 49.34	\$ 51.05	\$ 52.84	\$ 54.70
\$ Change		1.63	1.64	1.71	1.79	1.86
Sewer Bill	6,000	\$ 62.62	\$ 65.75	\$ 69.04	\$ 72.12	\$ 74.88
\$ Change		4.07	3.13	3.28	3.08	2.76
<b>Total Bill</b>		<b>\$ 110.32</b>	<b>\$ 115.09</b>	<b>\$ 120.09</b>	<b>\$ 124.96</b>	<b>\$ 129.58</b>
\$ Change		\$ 5.70	\$ 4.77	\$ 4.99	\$ 4.87	\$ 4.62
% Change		5.5%	4.3%	4.3%	4.1%	3.7%

"Water Bill" and "Total Bill" do not include \$5.00 hydrant fee or \$5.50 backflow fee which may apply.

# Residential Customer Bill Impact



Totals above do not include \$5.00 hydrant fee or \$5.50 backflow fee which may apply.



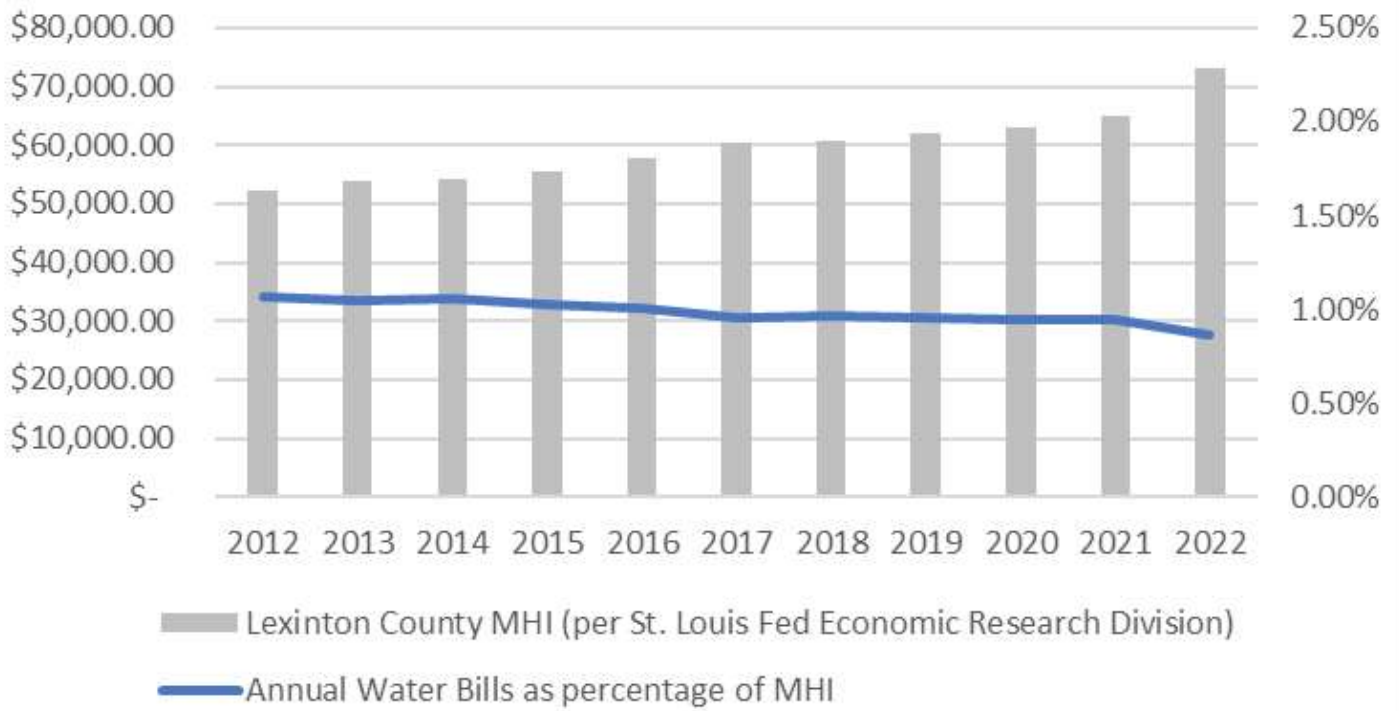
## Total "Inflation" (CPI-W) vs. Residential Customer Bills

Year #	Month	Year	CPI-W (index for inflation)	Water Only Customer (6k gals)	Water & Sewer Customer (6k gals)
0	December	2013	229.174	\$47.18	\$91.92
1	December	2014	229.909	\$47.58	\$93.54
2	December	2015	230.791	\$47.58	\$94.73
3	December	2016	235.390	\$48.19	\$96.69
4	December	2017	240.526	\$48.19	\$98.10
5	December	2018	244.786	\$48.80	\$100.13
6	December	2019	250.452	\$49.41	\$102.23
7	December	2020	254.081	\$49.41	\$102.23
8	December	2021	273.925	\$51.30	\$105.67
9	December	2022	291.051	\$52.60	\$108.59
10	December	2023	300.728	\$55.57	\$114.12
		10-year CAGR	2.75%	1.65%	2.19%

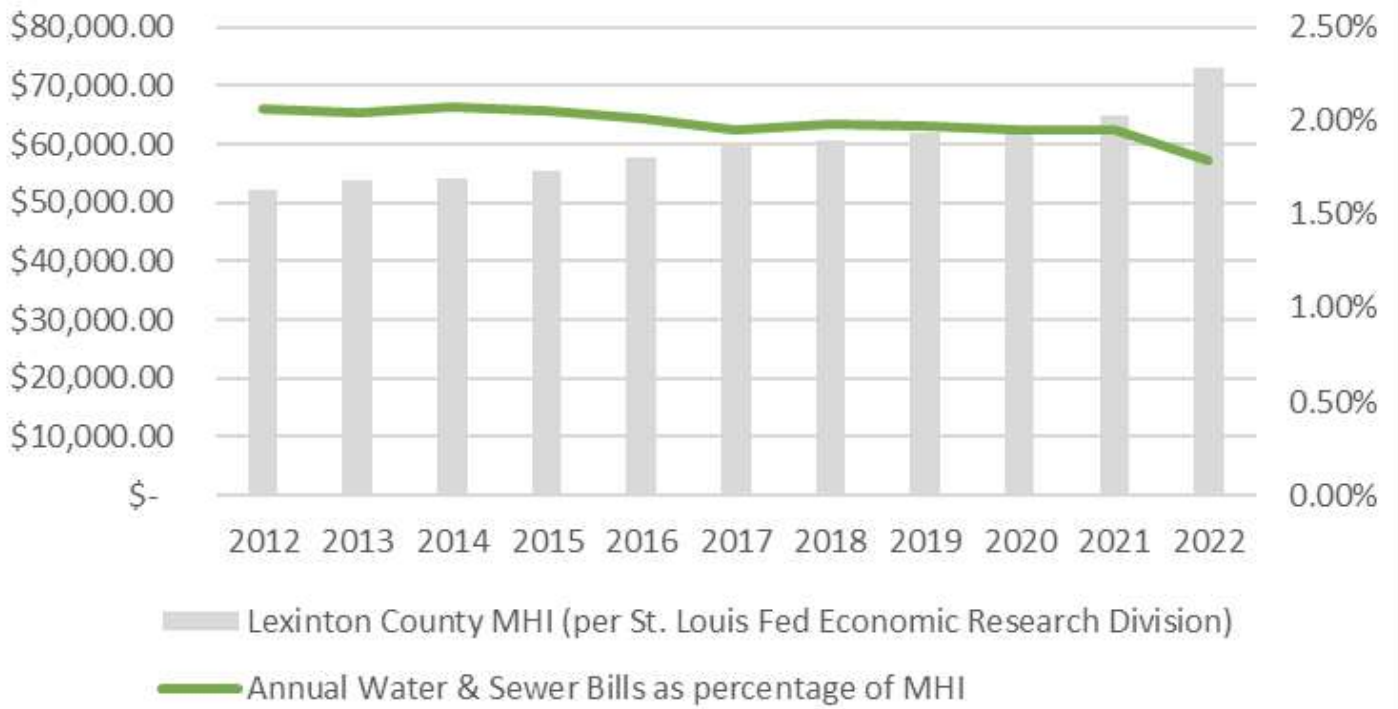
## Lexington County MHI vs. Residential Customer Bills

Year #	Month	Year	Lexington County MHI (per St. Louis Fed Economic Research Division)	Water Only Customer (6k gals) - Annual	Water & Sewer Customer (6k gals) - Annual	Annual Water Bills as percentage of MHI	Annual Water & Sewer Bills as percentage of MHI
0	December	2012	\$ 52,249.00	\$ 558.84	\$1,079.88	1.07%	2.07%
1	December	2013	\$ 53,880.00	\$ 566.16	\$1,103.04	1.05%	2.05%
2	December	2014	\$ 54,098.00	\$ 570.96	\$1,122.48	1.06%	2.07%
3	December	2015	\$ 55,413.00	\$ 570.96	\$1,136.76	1.03%	2.05%
4	December	2016	\$ 57,623.00	\$ 578.28	\$1,160.28	1.00%	2.01%
5	December	2017	\$ 60,329.00	\$ 578.28	\$1,177.20	0.96%	1.95%
6	December	2018	\$ 60,627.00	\$ 585.60	\$1,201.56	0.97%	1.98%
7	December	2019	\$ 62,059.00	\$ 592.92	\$1,226.76	0.96%	1.98%
8	December	2020	\$ 62,839.00	\$ 592.92	\$1,226.76	0.94%	1.95%
9	December	2021	\$ 65,016.00	\$ 615.60	\$1,268.04	0.95%	1.95%
10	December	2022	\$ 73,022.00	\$ 631.20	\$1,303.08	0.86%	1.78%
		10-year CAGR	3.40%	1.23%	1.90%		

## Affordability - Water Only Customer



## Affordability - Water & Sewer Customer



# FY25 CIP Summary Table

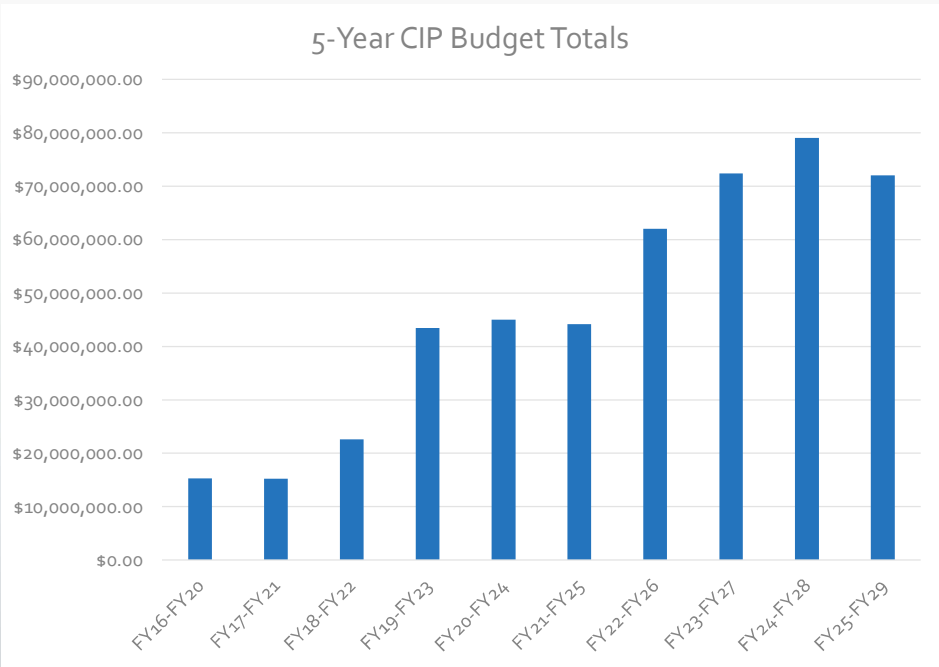
Table I - Funding Source										
Funding Source	Prior Year(s) Expenditures	Current Year Budget (FY 2024)	2025	2026	2027	2028	2029	Five year CIP Total	Grand Total of Projects	
Borrowings (Rev Bonds/Bank Loans/SRF, etc.)	\$ 8,777,732	\$ 19,751,385	-	-	\$ 5,500,000	\$ 12,500,000	\$ 18,000,000	\$ 36,000,000	\$ 64,529,117	
Grants/Other Funding Sources	1,064,801	12,803,046	1,000,000					1,000,000	14,867,847	
Rate Revenues	0	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	10,000,000	12,000,000	
Cash Reserves	16,987,730	57,455,470	11,425,000	6,725,000	3,425,000	1,725,000	1,725,000	25,025,000	99,468,200	
<b>Grand Totals</b>	<b>26,830,263</b>	<b>92,009,901</b>	<b>14,425,000</b>	<b>8,725,000</b>	<b>10,925,000</b>	<b>16,225,000</b>	<b>21,725,000</b>	<b>72,025,000</b>	<b>190,865,164</b>	

Table II - Cash Flows										
Category	Prior Year(s) Expenditures	Current Year Budget (FY 2024)	2025	2026	2027	2028	2029	Five year CIP Total	Grand Total of Projects	
<b>Water</b>										
<b>Line extensions</b>										
8214 - Upsizing Water Mains	324,353	1,537,168	25,000	25,000	25,000	25,000	25,000	125,000	1,986,521	
8330 - Plant Transmission Main Phase 2	2,640,885	1,859,115							0	
8332 - Pelion Water Main Replacement	212,836	297,164							0	
NEW - Pelion Main Street Water Main Replacement	0	0	1,000,000					1,000,000	1,000,000	
8334 - Water Main Improvements Charter Oak Tank to Sherwood Dr	0	0	500,000	500,000	500,000	2,000,000	18,000,000	21,500,000	21,500,000	
NEW - Sherwood Waterline	0	0	500,000	2,000,000				2,500,000	2,500,000	
8335 - Platt Springs Water Main Upgrade	11,742	488,258	5,000,000					5,000,000	5,500,000	
8336 - Batesburg-Leesville Water Supply (fka Water System Expansion)	511,932	16,988,068							0	
NEW - Windy Woods Loop	0	0	500,000		3,500,000	3,500,000		7,500,000	7,500,000	
<b>Subtotals</b>	<b>3,701,748</b>	<b>21,169,773</b>	<b>7,525,000</b>	<b>2,525,000</b>	<b>4,025,000</b>	<b>5,525,000</b>	<b>18,025,000</b>	<b>37,625,000</b>	<b>62,496,521</b>	
<b>Line relocations</b>										
8325 - Future SCDOT Line Relocations	1,064,273	1,332,925	100,000	100,000	100,000	100,000	100,000	500,000	2,897,198	
<b>Subtotals</b>	<b>1,064,273</b>	<b>1,332,925</b>	<b>100,000</b>	<b>100,000</b>	<b>100,000</b>	<b>100,000</b>	<b>100,000</b>	<b>500,000</b>	<b>2,897,198</b>	
<b>Tanks/Booster Pump Stations</b>										
8313 - Lake Murray WTP Improvements - HSP	793,322	239,679							0	
8331 - Charter Oak Elevated Storage Tank	5,807,136	392,864							0	
8336 - Batesburg-Leesville Elevated Tank	232,336	6,267,664							0	
NEW - Calks Ferry BPS Replacement	0	0		2,500,000	1,000,000			3,500,000	3,500,000	
8338 - Windy Woods Tank	0	400,000			2,000,000	7,000,000		9,000,000	9,400,000	
<b>Subtotals</b>	<b>6,832,794</b>	<b>7,300,207</b>	<b>0</b>	<b>2,500,000</b>	<b>3,000,000</b>	<b>7,000,000</b>	<b>0</b>	<b>12,500,000</b>	<b>26,633,001</b>	
<b>Other</b>										
8216 - Water Plant Capacity	2,300,000	31,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	5,000,000	38,300,000	
8270 - Facility Improvements	0	500,000	1,500,000					1,500,000	2,000,000	
8328 - Lake Murray WTP Improvements - CWC	2,383,654	2,810,146	500,000	500,000	500,000	500,000	500,000	2,500,000	7,693,800	
8333 - Counts Ferry Rd Site	9,042,210	2,738,375	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	5,000,000	16,780,585	
8395 - State Grant Funded Programs	221,500	28,500							0	
8398 - AMI Infrastructure	0	6,000,000							0	
8399 - Water System Replacement	0	200,000	1,500,000		200,000			1,700,000	1,900,000	
<b>Subtotals</b>	<b>13,947,364</b>	<b>43,277,021</b>	<b>5,500,000</b>	<b>2,500,000</b>	<b>2,700,000</b>	<b>2,500,000</b>	<b>2,500,000</b>	<b>15,700,000</b>	<b>72,924,385</b>	
<b>Water Distribution System Totals</b>	<b>25,546,179</b>	<b>73,079,926</b>	<b>13,125,000</b>	<b>7,625,000</b>	<b>9,825,000</b>	<b>15,125,000</b>	<b>20,625,000</b>	<b>66,325,000</b>	<b>164,951,105</b>	
<b>Sewer</b>										
9203 - Bluefield Sewer Improvements (fka Sewer System Improvements)	213,141	11,686,859							0	
9218 - Old Orangeburg Rd/Platt Springs Rd Sewer Imp.	914,058	4,679,601							0	
9285 - Lift Stations - L/S Upgrades	153,770	1,720,099	1,100,000	500,000	500,000	500,000	500,000	3,100,000	4,973,869	
9286 - Upsizing Sewer Mains	0	250,000	100,000	100,000	100,000	100,000	100,000	500,000	750,000	
9287 - Sewer System Expansion	3,115	593,416	100,000	500,000	500,000	500,000	500,000	2,100,000	2,696,531	
<b>Sewer Collection System Totals</b>	<b>1,284,084</b>	<b>18,929,975</b>	<b>1,300,000</b>	<b>1,100,000</b>	<b>1,100,000</b>	<b>1,100,000</b>	<b>1,100,000</b>	<b>5,700,000</b>	<b>25,914,059</b>	
<b>Grand Totals</b>	<b>\$26,830,263</b>	<b>\$92,009,901</b>	<b>\$14,425,000</b>	<b>\$8,725,000</b>	<b>\$10,925,000</b>	<b>\$16,225,000</b>	<b>\$21,725,000</b>	<b>\$72,025,000</b>	<b>\$190,865,164</b>	

# CIP Budget – Five-Year Totals Recap (by Year)

Fiscal Years	5-Year CIP Budget Total
FY 2016 - FY 2020	\$ 15,322,000
FY 2017 - FY 2021	\$ 15,225,000
FY 2018 - FY 2022	\$ 22,600,000
FY 2019 - FY 2023	\$ 43,450,000
FY 2020 - FY 2024	\$ 45,001,938
FY 2021 - FY 2025	\$ 44,175,000
FY 2022 - FY 2026	\$ 62,025,000
FY 2023 - FY 2027	\$ 72,425,000
FY 2024 - FY 2028	\$ 79,025,000
FY 2025 - FY 2029	\$ 72,025,000



# FY 25 CIP Highlights

- **WATER**

- Upsizing Water Mains – Calico Farms (May be additional funds in future)
- Pelion Main Street – SRF/Principal Forgiveness
- Charter Oak Tank to Sherwood \$500K
- Sherwood Waterline \$500K
- Windy Woods Loop - \$500K
- Platt Springs Water Main Upgrade \$5M

- **Line Relocations**

- Meadowfield Road/Hwy 6 Traffic Circle
- Boiling Springs/Bethany Church Traffic Circle

- **Tanks**

- No Monies for FY25

- **Other**

- Water Plant Capacity
- Facility Improvements – Storage Facility at Shop
- Water System Replacement – Land of the Lakes

- **Sewer**

- Lift Station Upgrades – Business Park Upgrades



## Major Water CIP Projects (FY25 – FY29)

Project	FY24 Budget	FY25 – FY29 Budget	Total Budget
1. Water Plant Capacity	\$31.0 MM	\$5.0 MM	\$38.3 MM
2. Water Main Imp. – Charter Oak Tank to Sherwood Dr	\$0.0 MM	\$21.5 MM	\$21.5 MM
3. Batesburg-Leesville Water Supply	\$17.0 MM	\$0.0 MM	\$17.5 MM
4. Counts Ferry Site	\$2.7 MM	\$5.0MM	\$16.8 MM
5. Windy Woods Tank	\$0.4 MM	\$9.0 MM	\$9.4 MM
6. Lake Murray WTP Improvements - CWC	\$2.8 MM	\$2.5 MM	\$7.7 MM
7. Windy Woods Loop	\$0.0 MM	\$7.5 MM	\$7.5 MM
8. Batesburg-Leesville Elevated Tank	\$6.3 MM	\$0.0 MM	\$6.5 MM
9. Charter Oak Elevated Storage Tank	\$0.4 MM	\$0.0 MM	\$6.2 MM
10. AMI Infrastructure	\$6.0 MM	\$0.0 MM	\$6.0 MM
11. Platt Springs Water Main Upgrade	\$0.5 MM	\$5.0 MM	\$5.5 MM
12. Plant Transmission Main Phase 2	\$1.9 MM	\$0.0 MM	\$4.5 MM
13. Calks Ferry BPS Replacement	\$ 0.0 MM	\$ 3.5 MM	\$3.5 MM
14. Future SCDOT Line Relocations	\$1.3 MM	\$0.5 MM	\$2.9 MM
15. Sherwood Waterline	\$0.0 MM	\$2.5 MM	\$2.5 MM
16. Facility Improvements	\$0.5 MM	\$2.0 MM	\$2.0 MM
<b>TOTALS</b>	<b>\$70.8 MM</b>	<b>\$64 MM</b>	<b>\$158.3 MM</b>

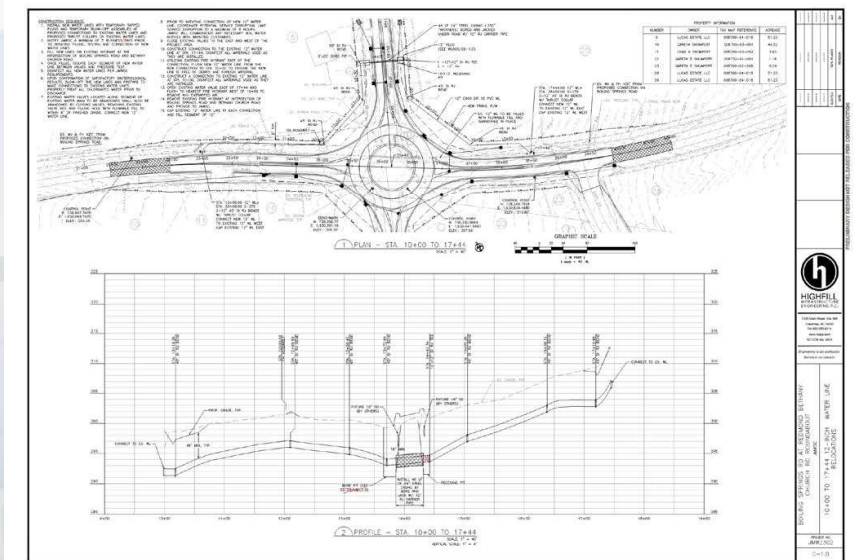


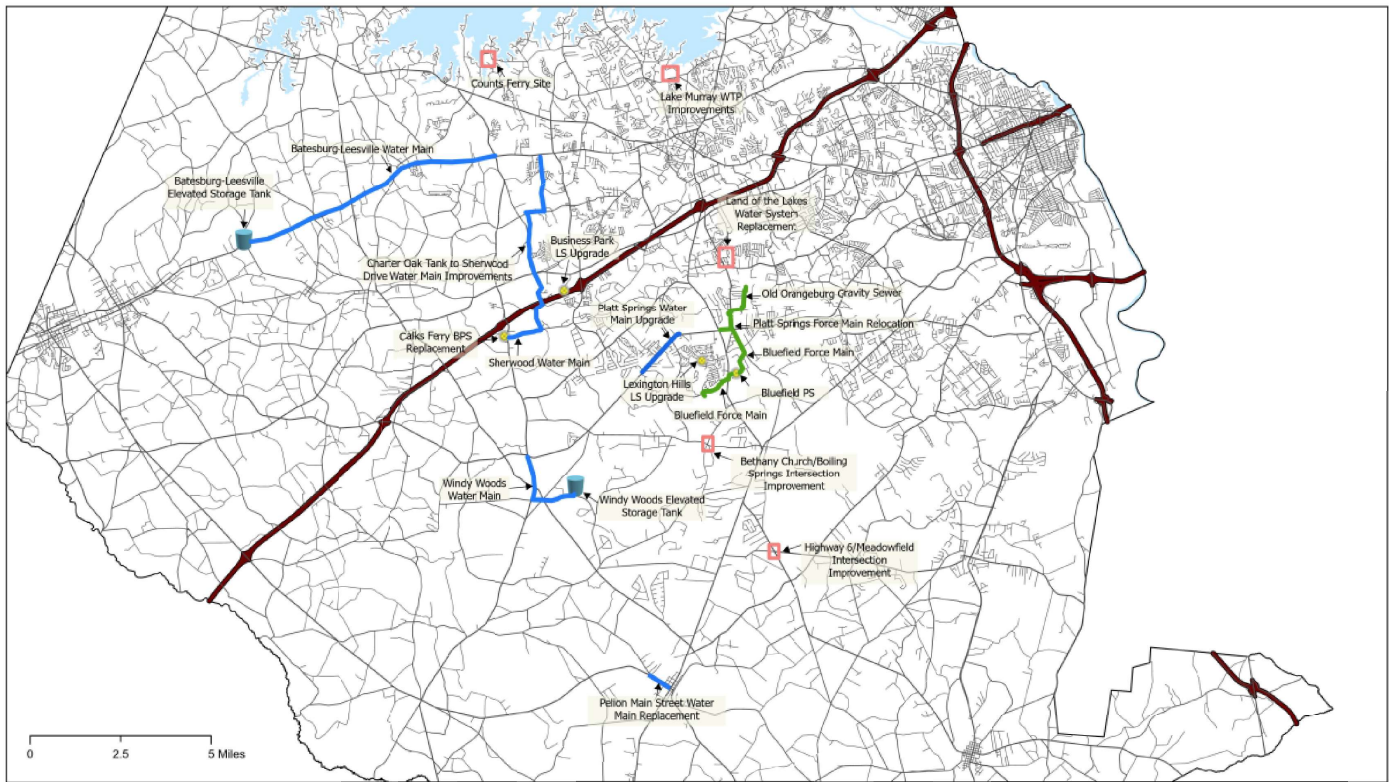
## Major Sewer CIP Projects (FY25 – FY29)

Project	FY24 Budget (including PY Exp.)	FY25 – FY29 Budget	Total Budget
1. Bluefield Sewer Improvements	\$11.9 MM	\$0	\$11.9 MM
2. Old Orangeburg Rd/Platt Springs Rd Sewer Improvements	\$5.6 MM	\$0	\$5.6 MM
3. Lift Station Upgrades (Two Notch #2, Lexington Hills, Industrial & Future)	\$1.9MM	\$3.1 MM	\$5.0 MM
<b>TOTALS</b>	<b>\$19.4 MM</b>	<b>\$3.1 MM</b>	<b>\$22.5 MM</b>

# Water Main Relocations

- **Boiling Springs/Bethany Church**
  - Traffic Circle
  - 12" Water Main
  - Engineer's Estimate \$370,000
- **Highway 6/Meadowfield Road**
  - Traffic Circle
  - 12" Water Main
  - Have Not Received Estimate





## CIP MAP

Joint Municipal Water and Sewer Commission  
 P.O. Box 2555, Lexington, SC 29071 | Ph: (803) 359-8373 | Fax: (803) 359-6553



	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
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Water Monthly Maintenance Fee Increase	3.5%	3.5%	3.5%	3.5%	3.5%
Water Volume Charge Increase	3.5%	3.5%	3.5%	3.5%	3.5%
Sewer Monthly Maintenance Fee Increase	7.0%	5.0%	5.0%	5.0%	5.0%
Sewer Volume Charge Increase	7.0%	5.0%	5.0%	5.0%	5.0%

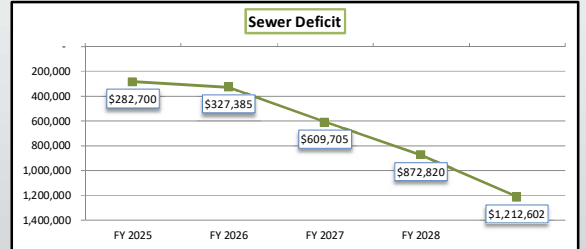
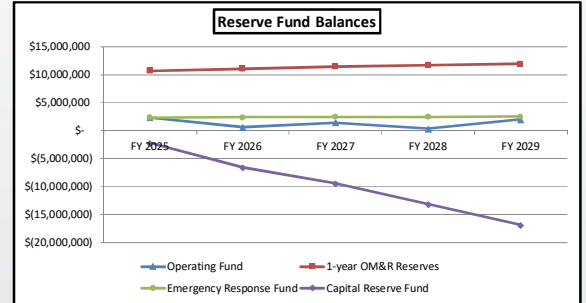
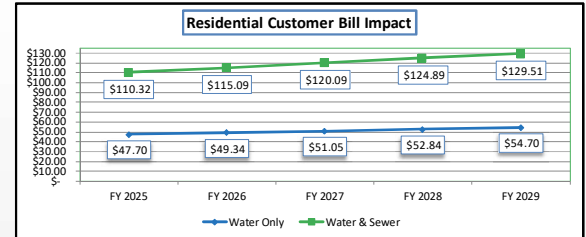
Rate Component Surplus/(Deficit)					
Water Monthly Maintenance Fee	\$ 782,416	\$ 533,241	\$ 597,545	\$ 459,905	\$ 555,514
Water Volume Charge	3,223,337	1,672,219	2,169,010	963,220	2,235,863
Sewer Monthly Maintenance Fee	524,547	546,690	644,209	705,133	736,456
Sewer Volume Charge	(241,847)	(219,305)	(34,504)	167,688	476,145

<b>Systemwide Surplus/(Deficit) at Escalated Rates</b>	<b>\$ 4,288,452</b>	<b>\$ 2,532,845</b>	<b>\$ 3,376,261</b>	<b>\$ 2,295,945</b>	<b>\$ 4,003,979</b>
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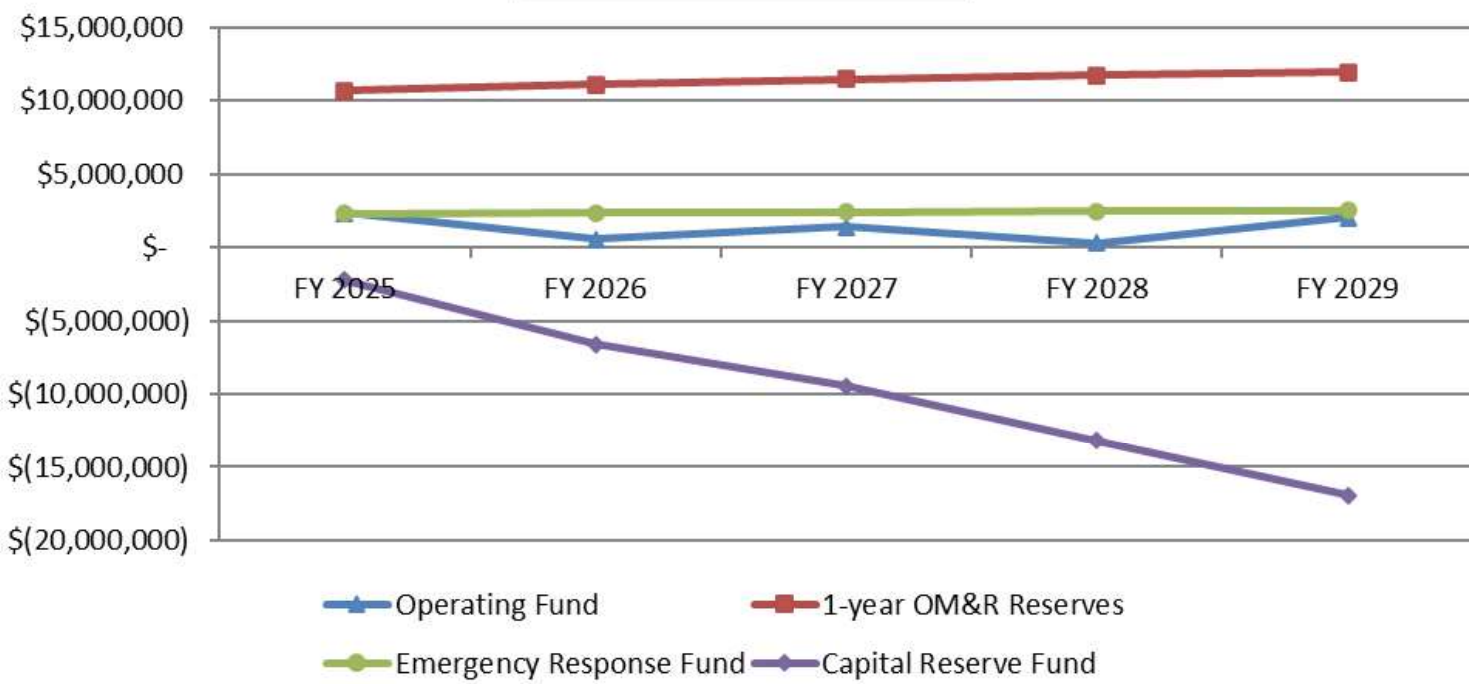
Ending Fund Balances					
Operating Fund	\$ 2,353,061	\$ 563,909	\$ 1,396,796	\$ 306,987	\$ 2,011,655
1-year OM&R Reserves	10,692,761	11,098,895	11,437,101	11,716,908	11,946,892
Emergency Response Fund	2,300,038	2,370,124	2,428,109	2,475,769	2,514,736
Capital Reserve Fund	(2,241,348)	(6,611,279)	(9,472,369)	(13,197,369)	(16,922,369)

Debt Service					
Parity Debt	4.283	2.264	2.225	1.747	1.964
Contract Payments (Junior Lien Debt)	3.111	1.893	2.000	1.613	1.811
<b>Total Debt Service Coverage</b>	<b>3.111</b>	<b>1.893</b>	<b>2.000</b>	<b>1.613</b>	<b>1.811</b>

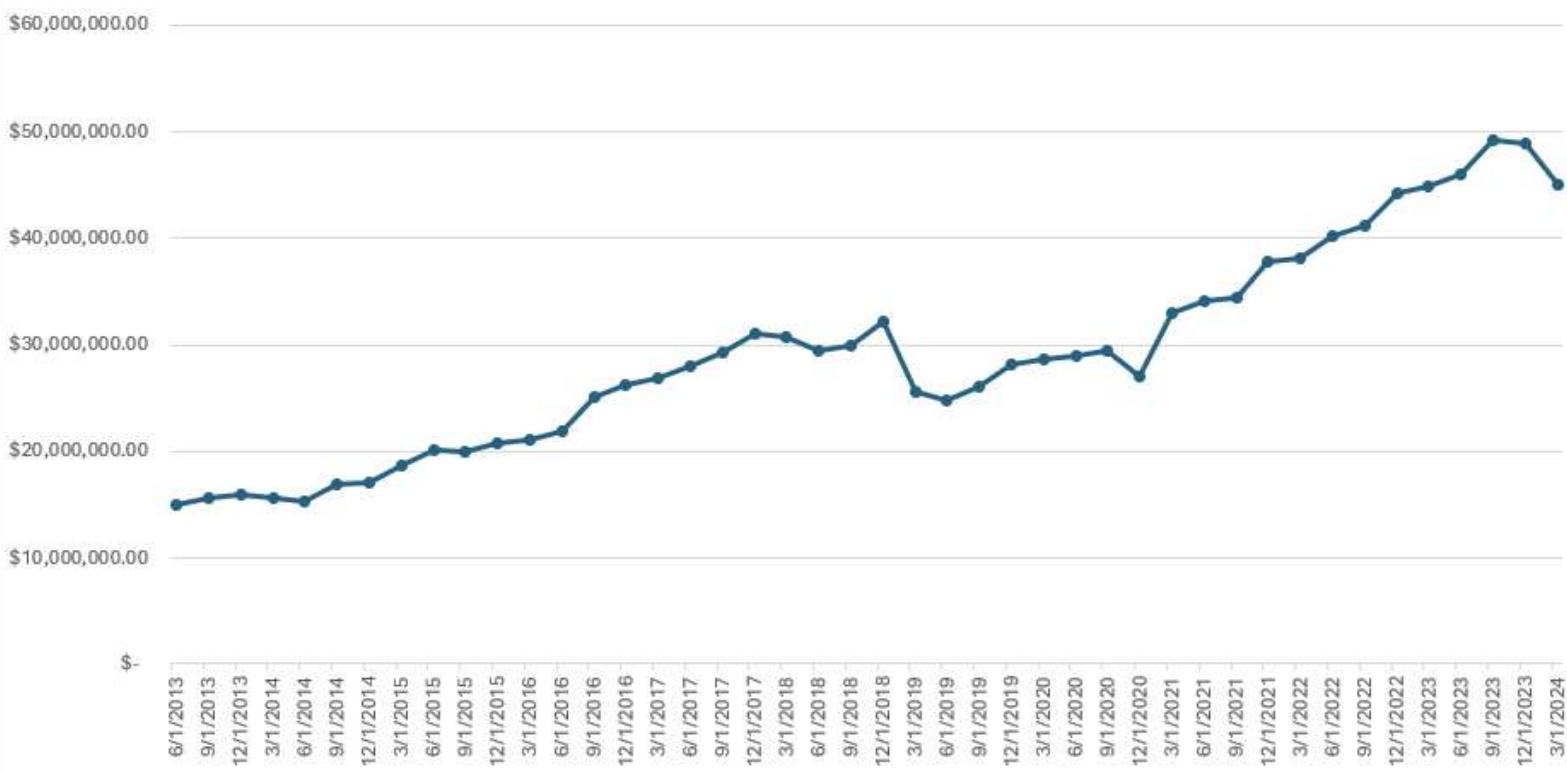
Residential Customer Bill Impact						
Average User (3/4" Meter)	Usage (gal)					
Water Bill	6,000	\$ 47.70	\$ 49.34	\$ 51.05	\$ 52.84	\$ 54.70
\$ Change		1.63	1.64	1.71	1.79	1.86
Sewer Bill	6,000	\$ 62.62	\$ 65.75	\$ 69.04	\$ 72.05	\$ 74.81
\$ Change		4.07	3.13	3.28	3.01	2.76
<b>Total Bill</b>		<b>\$ 110.32</b>	<b>\$ 115.09</b>	<b>\$ 120.09</b>	<b>\$ 124.89</b>	<b>\$ 129.51</b>
\$ Change		5.70	4.77	4.99	4.80	4.62
% Change		5.5%	4.3%	4.3%	4.0%	3.7%



### Reserve Fund Balances



### Unrestricted Cash & Investments



## Historical Customer Growth

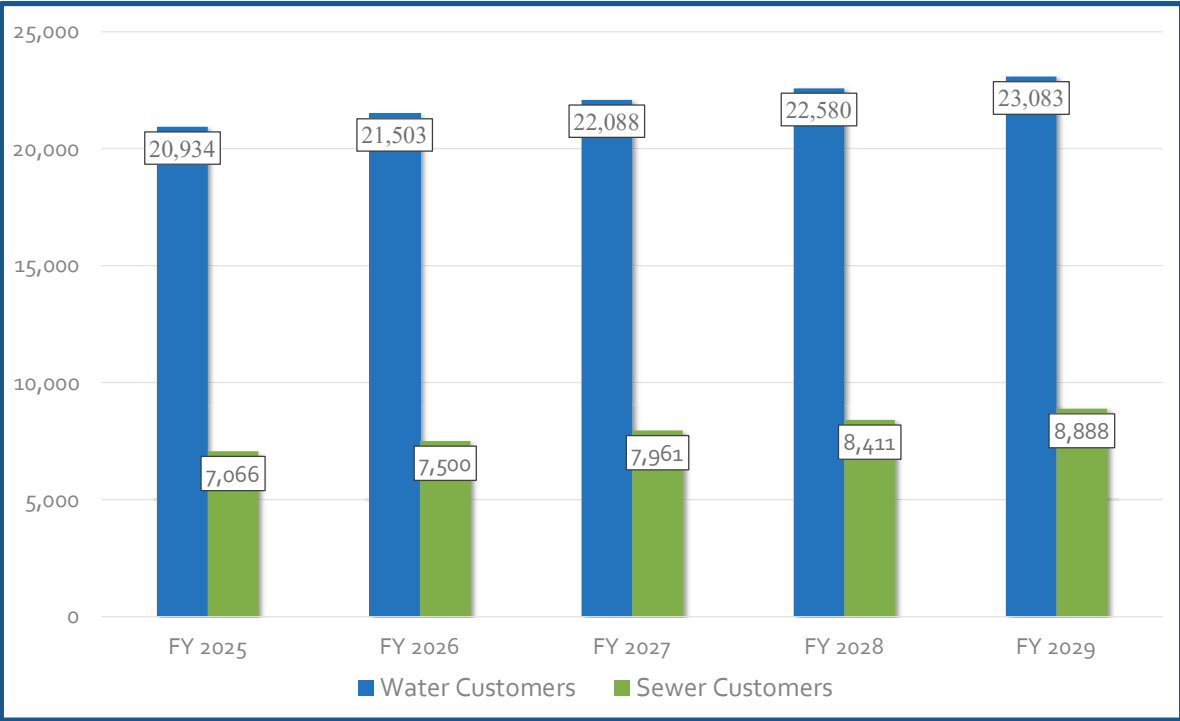


\*Customers as of March 31<sup>st</sup> each fiscal year.

\*Water 9-year CAGR – 4.18% ; 45% Cumulative Growth (Avg. 694 additional customers per year)

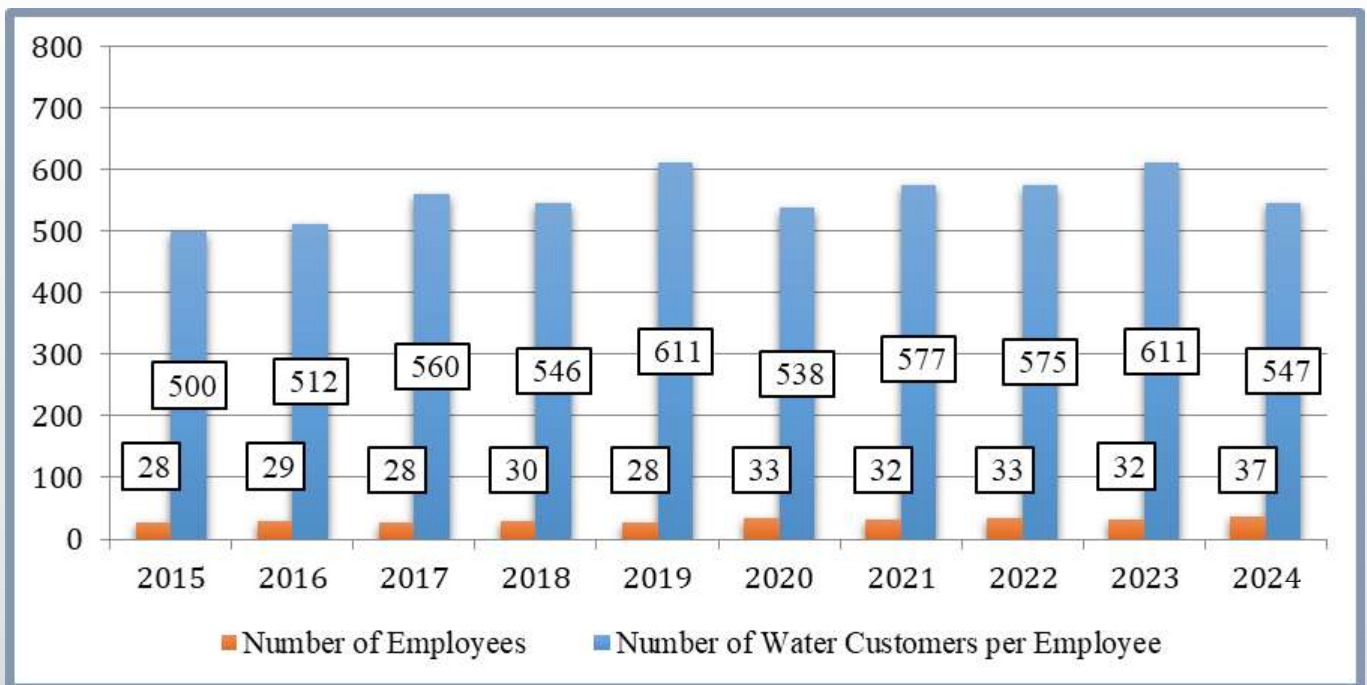
\*Sewer 9-year CAGR – 6.24% ; 72% Cumulative Growth (Avg. 313 additional customers per year)

# Projected Customer Growth





## Number of Water Customers per Employee





# Questions?

JOINT MUNICIPAL WATER AND SEWER COMMISSION