

Water Resources Fund

The Water Resources Fund provides an affordable, environmentally sound, and efficient system of water resources, which includes watershed and source management, water treatment, distribution, storage, wastewater collection, water reclamation, storm water management, and to provide for the efficient re-use of water, a valuable resource; a system that is designed to produce an adequate supply of safe and superior quality drinking water to meet current demand and future needs as required and dictated by economic development; is designed to protect human and environmental health; and is distributed, collected, treated, and released (or re-used) in compliance with all governmental regulations, including the Safe Drinking Water Act and NPDES permits.

WATER RESOURCES FUND

COUNCIL GOALS

COUNCIL GOALS						
Building a Better Wilson	Economic Development	Infrastructure	Homes and Neighborhoods	Downtown	Recreation and Parks	Community Involvement
1	2	3	4	5	6	7

Department Goals and Initiatives	Link to Council Goals
1. Water Resources, including all current and future planning to expand and improve capacity at all water and wastewater treatment facilities, pumping stations, and infrastructure is critical to Wilson’s growth, economic development, and to provide opportunities for all citizens	1,2,3,4,5,6,7
2. Plan and provide for the systematic repair and replacement of existing plants and water and wastewater infrastructure at the end of the normal life cycle, in a managed and predictable manner to insure regulatory compliance, reliable service, long-term sustainability, and economic viability of the entire system	1,2,3,4,5,6,7
3. The City of Wilson will continue to be an active member of the American Waterworks Association, the Water Environment Federation, NC Water Quality Association, the Rural Water Association, the Lower Neuse Basin Association, and the Neuse River Compliance Association	1,2,3,7
4. Promote the expanded water supply at Buckhorn Reservoir, Lake Wilson, Wiggins Mill and Toisnot Lakes for economic development and continue to explore future recreational opportunities for the sites	1,2,3,4,5,6,7
5. Promote sustainability in our water resources by promoting a reclaimed water program to reduce wastewater discharges, extend our available water supplies, to encourage expansion and economic development with an alternative product, and to delay plant and infrastructure expansions for our customers	1,2,3,4,6
6. Market our water and wastewater services for Economic Development and to neighboring utilities to reduce overall costs to our customers and provide greater job opportunities	2,3
7. Improve fire service flow in areas with undersized lines and maintain excellent fire rating	1,2,3,4,5

REVENUE AND EXPENDITURE SUMMARY

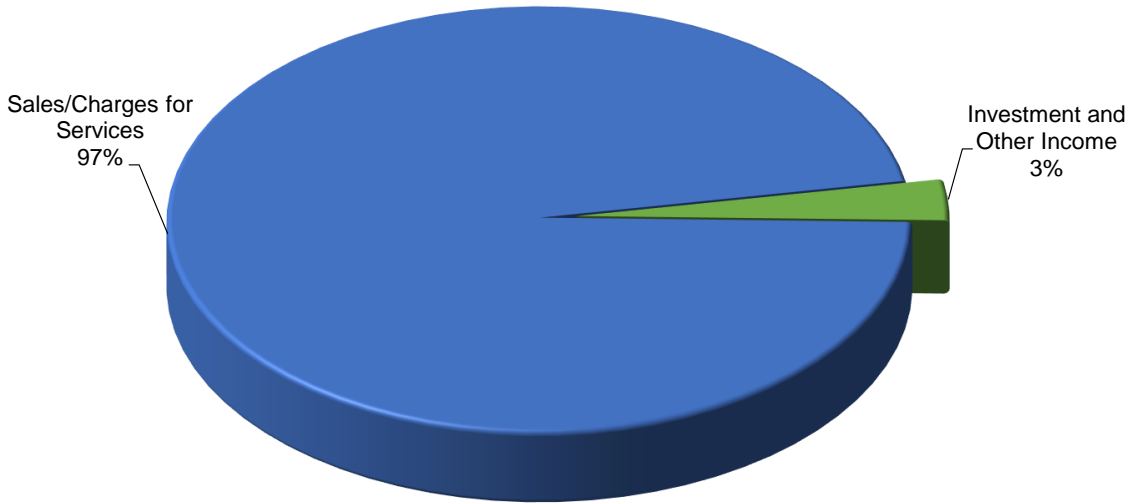
WATER RESOURCES

	2021-22 Actual	2022-23 Actual	2023-24 Original Budget	2023-24 Amended Budget	2024-25 Adopted Budget
<i>Revenues, Other Sources, and Fund Balance</i>					
Intergovernmental	\$ 5,633	\$ 15,420	\$ -	\$ 400,000	\$ -
Sales/Charges for Service	28,785,716	29,488,627	29,486,580	29,486,580	28,107,500
Miscellaneous Income	1,088,698	1,155,933	950,000	950,000	895,000
Investment Income	(189,317)	515,373	-	-	-
Interfund Transfers In	4,339,035	32,060	-	-	-
Fund Balance Appropriated	-	-	-	2,858,713	-
TOTAL	\$ 34,029,765	\$ 31,207,413	\$ 30,436,580	\$ 33,695,293	\$ 29,002,500

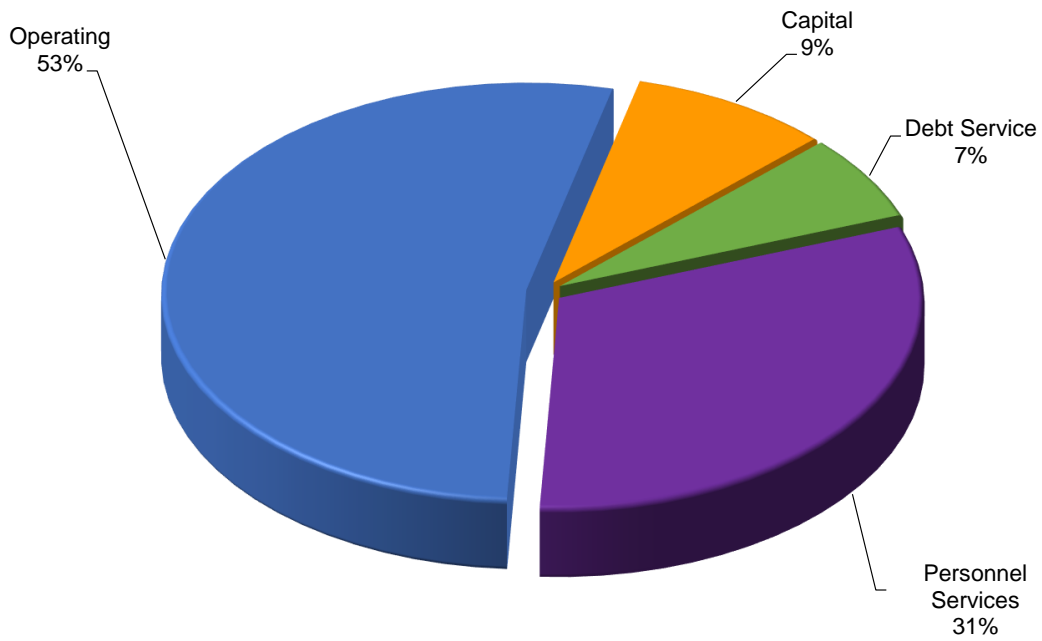
Expenditures and Other Uses

Water Resources Administration	\$ 3,757,045	\$ 3,670,783	\$ 4,414,510	\$ 4,723,789	\$ 4,745,150
Water Treatment	4,308,038	5,672,110	6,694,520	6,945,368	6,667,210
Water Distribution	3,377,236	3,861,689	4,261,150	4,300,548	4,249,610
Water Reclamation	5,554,489	5,879,885	8,298,660	6,943,260	7,798,100
Wastewater Collection	2,646,014	2,540,720	3,040,610	4,065,988	3,590,920
Debt Service	3,204,449	2,214,722	1,977,550	1,977,550	1,951,510
Contingency	-	-	166,500	166,500	-
Interfund Transfers Out	3,075,830	3,645,890	1,583,080	4,572,290	-
TOTAL	\$ 25,923,101	\$ 27,485,799	\$ 30,436,580	\$ 33,695,293	\$ 29,002,500

Revenues / Sources



Expenditures / Uses



REVENUES, OTHER SOURCES, AND FUND BALANCE

WATER RESOURCES

	2021-22 Actual	2022-23 Actual	2023-24 Original Budget	2023-24 Amended Budget	2024-25 Adopted Budget
INTERGOVERNMENTAL	\$ 5,633	\$ 15,420	\$ -	\$ 400,000	\$ -
SALES/CHARGES FOR SERVICES					
Sales to General Consumers	13,589,544	14,012,790	14,111,080	14,111,080	13,205,000
Sales to Other Utilities	146,043	134,567	130,000	130,000	125,000
Municipal Fire Hydrants	23,814	23,814	24,000	24,000	24,000
Water Tap Fees	88,012	45,076	12,500	12,500	75,000
Sanitary Sewer Charges	14,938,303	15,272,380	15,209,000	15,209,000	14,678,500
Subtotal	28,785,716	29,488,627	29,486,580	29,486,580	28,107,500
MISCELLANEOUS INCOME	1,088,698	1,155,933	950,000	950,000	895,000
INVESTMENT INCOME	(189,317)	515,373	-	-	-
INTERFUND TRANSFERS IN					
Transfer from Capital Project Fund	4,339,035	32,060	-	-	-
FUND BALANCE APPROPRIATED					
Fund Balance Appropriated (Unassigned)	-	-	-	1,227,780	-
Encumbrance Balance	-	-	-	1,630,933	-
Subtotal	-	-	-	2,858,713	-
Total	\$ 34,029,765	\$ 31,207,413	\$ 30,436,580	\$ 33,695,293	\$ 29,002,500

DESCRIPTION OF REVENUE SOURCES

WATER RESOURCES

INTERGOVERNMENTAL

This represents funds received from the Federal Emergency Management Agency for disaster relief.

CHARGES FOR SALES AND SERVICE

Sales to General Consumers

This revenue represents retail water sales to residential, commercial, and industrial customers.

Sanitary Sewer Charges

This reflects the charges for sanitary sewer services for residential, commercial, and industrial customers.

Sales to Other Utilities

This category represents the sale of water to other utility operations of the City.

Municipal Fire Hydrants

This represents the charge for water used by the City Fire Department through the fire hydrants.

MISCELLANEOUS INCOME

This category includes the proceeds from the disposal of old equipment and other miscellaneous items.

INVESTMENT INCOME

This represents the Water Resource Fund's share of the interest earned on and the capital gains from the sale of the City's investments.

PROCEEDS FROM DEBT REFUNDING

This represents proceeds received from the issuance of new debt to be used to repay previously issued debt.

PROCEEDS FROM INSTALLMENT CONTRACTS

This represents the amount recognized as a financial resource associated with an asset acquired through a revenue bond or lease - purchase type of arrangement.

INTERFUND TRANSFERS

This category reflects financing sources distributed to the Water Resources Fund from other funds.

FUND BALANCE

Fund Balance Appropriated

This represents an appropriation of some portion of the fund balance as of the close of the preceding fiscal year to help finance the activities of the subsequent year.

Encumbrance Balance

This represents the amount of fund balance at the close of the preceding fiscal year for the financial commitments that are re-appropriated in the subsequent year's budget.

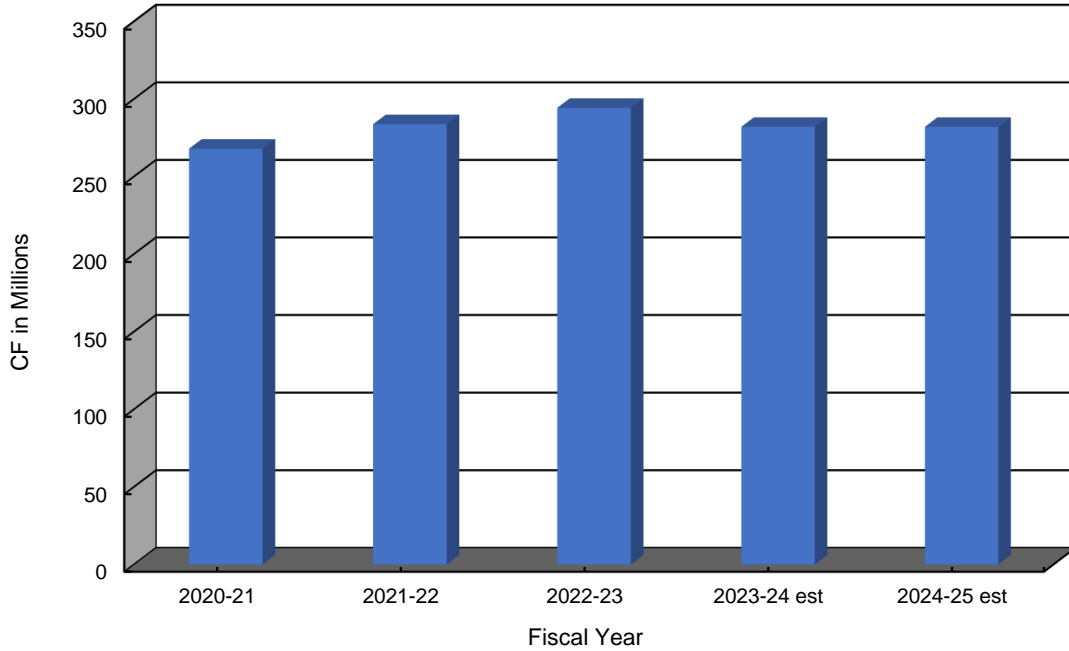
EXPENDITURE SUMMARY**WATER RESOURCES**

	2021-22 Actual	2022-23 Actual	2023-24 Original Budget	2023-24 Amended Budget	2024-25 Adopted Budget
Water Administration					
Personnel Services	\$ 317,778	\$ 285,056	\$ 328,220	\$ 328,220	\$ 376,460
Operating Expenses	3,439,267	3,385,727	4,086,290	4,395,569	4,368,690
Subtotal	3,757,045	3,670,783	4,414,510	4,723,789	4,745,150
Water Treatment					
Personnel Services	1,536,867	1,589,128	1,863,350	1,863,350	1,903,790
Operating Expenses	2,771,171	4,045,652	4,161,170	4,458,869	4,163,420
Capital Outlay	-	37,330	670,000	623,149	600,000
Subtotal	4,308,038	5,672,110	6,694,520	6,945,368	6,667,210
Water Distribution					
Personnel Services	1,488,454	1,424,584	1,895,720	1,895,720	1,944,010
Operating Expenses	1,519,888	1,766,346	2,269,430	2,299,530	2,275,600
Recovered Costs	(39,000)	(29,250)	(239,000)	(239,000)	(250,000)
Capital Outlay	407,894	700,009	335,000	344,298	280,000
Subtotal	3,377,236	3,861,689	4,261,150	4,300,548	4,249,610
Water Reclamation					
Personnel Services	2,412,893	2,530,880	2,758,390	2,758,390	2,844,180
Operating Expenses	2,709,689	3,007,724	3,555,270	3,635,577	3,838,920
Capital Outlay	431,907	341,281	1,985,000	549,293	1,115,000
Subtotal	5,554,489	5,879,885	8,298,660	6,943,260	7,798,100
Wastewater Collection					
Personnel Services	1,643,027	1,656,765	2,268,410	2,268,410	2,245,930
Operating Expenses	1,016,297	1,215,851	1,098,200	1,596,320	1,095,990
Recovered Costs	(403,499)	(451,548)	(426,000)	(426,000)	(426,000)
Capital Outlay	390,189	119,652	100,000	627,258	675,000
Subtotal	2,646,014	2,540,720	3,040,610	4,065,988	3,590,920

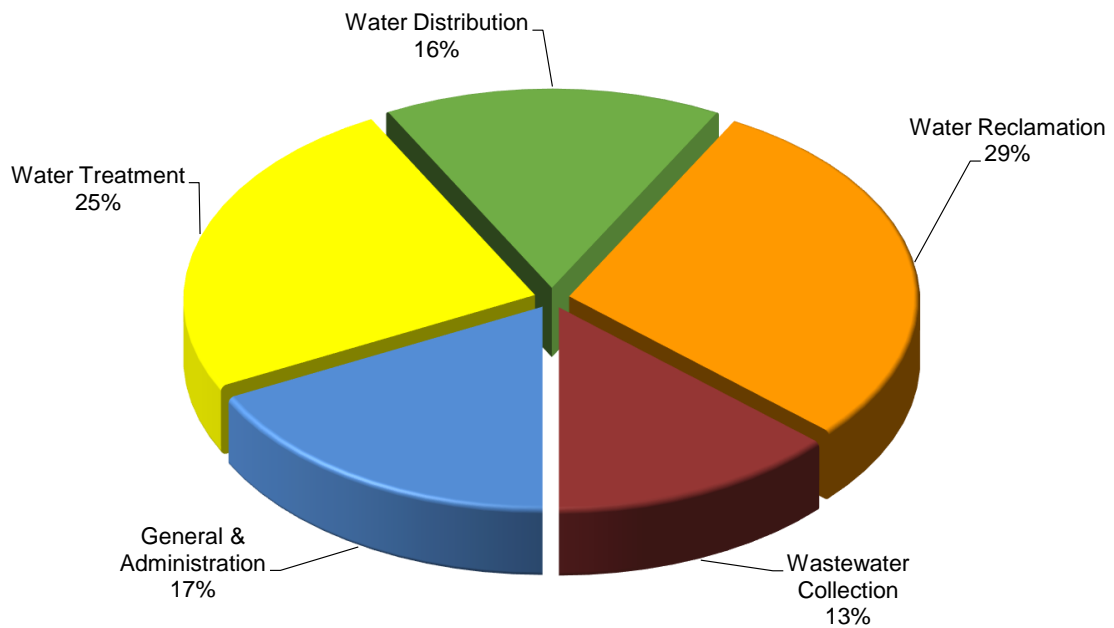
EXPENDITURE SUMMARY**WATER RESOURCES**

	2021-22 Actual	2022-23 Actual	2023-24 Original Budget	2023-24 Amended Budget	2024-25 Adopted Budget
Other Expenditures					
Debt Service	\$ 3,204,449	\$ 2,214,722	\$ 1,977,550	\$ 1,977,550	\$ 1,951,510
Contingency	-	-	166,500	166,500	-
Transfer to Water Resources Capital Reserve Fund	305,830	1,019,990	500,000	1,489,210	-
Transfer to 24" Water Main Replacement Capital Project Fund	-	50,000	50,000	50,000	-
Transfer to Dam Infrastructure Capital Project Fund	-	-	-	500,000	-
Transfer to Digester Heat Exchange Capital Project Fund	-	-	-	1,500,000	-
Transfer to Herring Avenue Capital Project Fund	-	-	1,033,080	1,033,080	-
Transfer to Hominy Creek Turbo Blower 3,4, and 5 Capital Project Fund	1,350,000	-	-	-	-
Transfer to Merck Sewer Outfall Line Repairs Capital Project Fund	1,000,000	2,575,900	-	-	-
Transfer to Programmable Logic Controllers (PLC) Upgrade of Wastewater Treatment Plant Capital Project Fund	420,000	-	-	-	-
Subtotal	6,280,279	5,860,612	3,727,130	6,716,340	1,951,510
Grand Total	\$ 25,923,101	\$ 27,485,799	\$ 30,436,580	\$ 33,695,293	\$ 29,002,500

Water Sold



Water Resources Division Estimated Expenditures 2024-2025



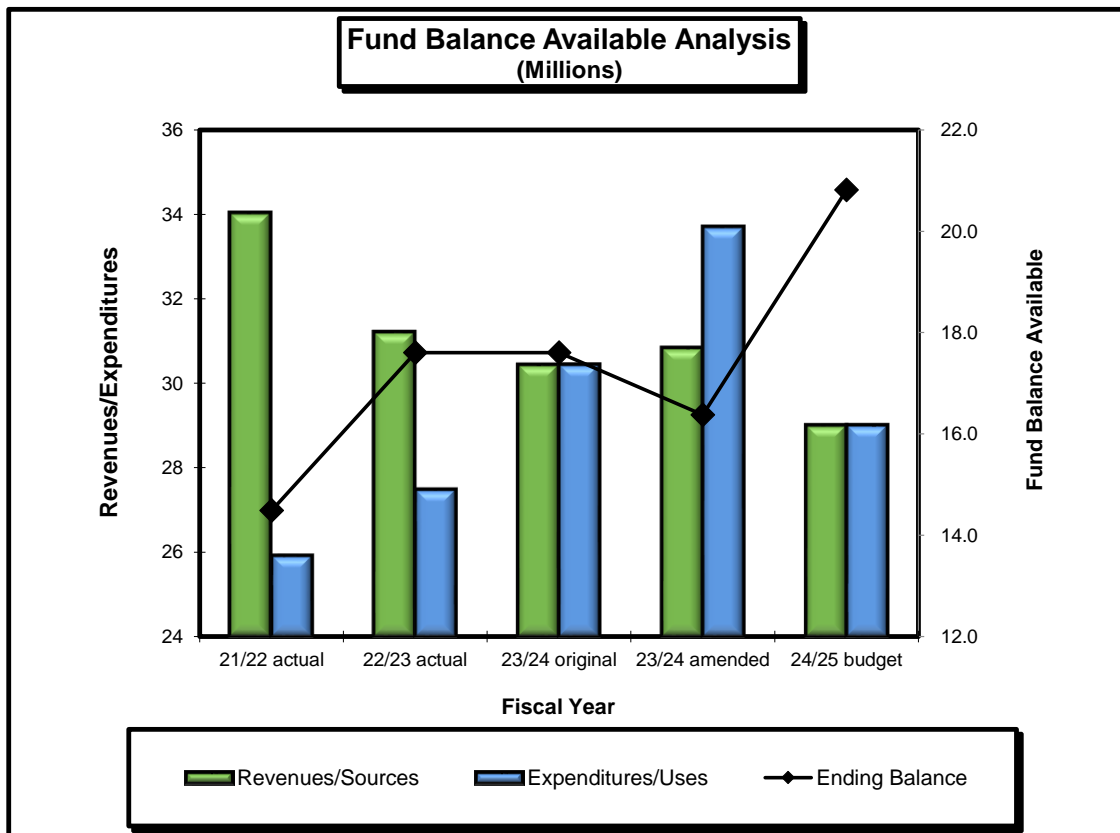
FUND BALANCE AVAILABLE

WATER RESOURCES

	2021-22 Actual	2022-23 Actual	2023-24 Original Budget	2023-24 Amended Budget	2024-25 Adopted Budget
Revenues/Other Financing Sources (OFS)	\$34,029,765	\$31,207,413	\$30,436,580	\$30,836,580	\$ 29,002,500
Expenditures/Other Financing Uses (OFU)	<u>25,923,101</u>	<u>27,485,799</u>	<u>30,436,580</u>	<u>33,695,293</u>	<u>29,002,500</u>
Revenues/OFS Over (Under) Expenditures/OFU	<u>\$ 8,106,664</u>	<u>\$ 3,721,614</u>	<u>\$ -</u>	<u>\$ (2,858,713)</u>	<u>\$ -</u>
Fund Balance	<u>\$ 543,941</u>	<u>\$ 2,322,437</u>	<u>\$ -</u>	<u>\$ 2,858,713</u>	<u>\$ -</u>
Fund Balance - Beginning of Year	\$ 6,957,772	\$ 14,487,171	\$ 17,605,977	\$ 17,605,977	\$ 20,816,121 **
Increase (Decrease)	<u>7,529,399</u>	<u>3,118,806</u>	<u>-</u>	<u>(1,227,780) *</u>	<u>-</u>
Fund Balance - End of Year	<u><u>\$ 14,487,171</u></u>	<u><u>\$ 17,605,977</u></u>	<u><u>\$ 17,605,977</u></u>	<u><u>\$ 16,378,197</u></u>	<u><u>\$ 20,816,121</u></u>

*Excludes Encumbrances Reappropriated in the amount of \$ 1,630,933

**FY2025 Fund Balance - Beginning of Year is based on an estimated actual Fund Balance - End of Year for FY2024



EXPENDITURE SUMMARY:

	2021-22 Actual	2022-23 Actual	2023-24 Original Budget	2023-24 Amended Budget	2024-25 Adopted Budget
Personnel Services	\$ 7,399,019	\$ 7,486,413	\$ 9,114,090	\$ 9,114,090	\$ 9,314,370
Operating Expenses	11,456,312	13,421,300	15,170,360	16,385,865	15,742,620
Recovered Costs	(442,499)	(480,798)	(665,000)	(665,000)	(676,000)
Capital Outlay	<u>1,229,990</u>	<u>1,198,272</u>	<u>3,090,000</u>	<u>2,143,998</u>	<u>2,670,000</u>
TOTAL	<u>\$ 19,642,822</u>	<u>\$ 21,625,187</u>	<u>\$ 26,709,450</u>	<u>\$ 26,978,953</u>	<u>\$ 27,050,990</u>

PERSONNEL SUMMARY

WATER RESOURCES

Class Title	Salary Range	2022-23 Authorized	2023-24 Authorized	2024-25 Authorized
Water Resources Administration (7001)				
Assistant Director of Public Works/City Engineer	27	0	1	1
Director of Water Resources	26	1	0	0
Project Manager - Infrastructure	23	0	0	1
Administrative Assistant	15	1	1	1
Water Treatment (7002)				
Water Treatment Division Manager	25	1	1	1
Water Treatment Operations & Maintenance Supervisor	23	1	1	1
Water Plant Lead Operator	22	1	1	1
Laboratory Supervisor	21	1	1	1
Water Treatment Plant Mechanic	18	4	4	4
Water Plant Operator I-III	15,17,19	10	10	10
Lab Technician I-II	14-16	1	1	1
Water Resources Technician I-II	7-10	2	2	2
Water Distribution (7003)				
Division and Maintenance Superintendent	19	1	1	0
Lead Maintenance Superintendent	19	0	0	1
Construction Superintendent	19	1	1	0
Construction Operator Superintendent	19	0	0	1
Crew Supervisor	16	1	1	0
Maintenance/Construction Supervisor	16	0	0	1
GIS Technician I-II	18-19	1	1	1
Administrative Assistant	15	1	1	1
Cross Connection/Outfall Inspections/Water Meter/Valve Coordinator	14	4	4	0
Water Infrastructure Specialist	14	0	0	4
Crew Leader - Water Infrastructure	14	0	0	1
Water Resources Technician I-IV	7-13	8	8	10
Equipment Operator I-III	10-12	3	3	0
Water Reclamation (7004)				
Water Reclamation Division Manager	25	1	1	1
Wastewater Operations/Maintenance Supervisor	23	1	1	1
Chemist	22	1	1	1
Water Reclamation Compliance Coordinator	22	1	1	1
Lead Wastewater Treatment Plant Operator	22	1	1	1
Lead Wastewater Treatment Plant Mechanic	21	1	1	1
Wastewater Plant Mechanic	18	3	3	3
Wastewater Treatment Plant Operator I-III	15,17,19	10	10	10
Laboratory Technician I-II	14-16	5	5	5
Administrative Assistant	15	0	0	1
Water Resources Technician I-IV	7-13	6	6	6
Administrative Secretary	10	1	1	0
Wastewater Collection (7005)				
Water Infrastructure Division Manager	23	1	1	1
Crew Supervisor	16	2	2	0
Maintenance/Construction Supervisor	16	0	0	1
Sewer Monitoring Technician	14	1	1	0
Collection System Monitoring/Camera Technician	14	0	0	1
Grease Trap Coordinator	14	1	1	0
Water Infrastructure Specialist	14	0	0	1
Administrative Technician	15	1	1	1
Water Resource Technician I-IV	7-13	18	18	22
Equipment Operator I-II; Heavy	10-12	4	4	0
Full-time		102	101	101

Redistribution Notes:

Position Title:	From:	To:	Percent:
Project Manager - Infrastructure	Water Resources Administration 7001	Stormwater Management 7606	30%
		Street Maintenance 5002	20%
Construction Superintendent	Water Distribution 7003	Wastewater Collection 7005	50%
Water Infrastructure Division Manager	Wastewater Collection 7005	Water Distribution 7003	32.5%
		Stormwater Management 7606	35%
Administrative Technician	Wastewater Collection 7005	Water Distribution 7003	32.5%
		Stormwater Management 7606	35%
GIS Technician	Engineering 5004	Water Resources Administration 7001	25%
Utility Locators (4)	Gas Utility Locators 6503	Water Distribution 7003	25%
Unified Communications Center (14)	Unified Communications Center 6307	Water Distribution 7003	5%
Traffic Technician (5)	Parking and Traffic 5008	Water Distribution 7003	7.5%
Traffic Technician (5)	Parking and Traffic 5008	Wastewater Collection 7005	7.5%

CAPITAL OUTLAY

WATER RESOURCES

Item	New/ Replacement	2024-25 Budget
Water Treatment (7002)		
Booster Station Upgrade	R	600,000
Water Distribution (7003)		
Water Mains	N	100,000
Fire Hydrants	N	25,000
Water Distribution Service Taps	N	15,000
Residential Water Meters	N	100,000
Industrial Water Meters	N	40,000
Water Reclamation (7004)		
Bar Screen Replacement	R	1,000,000
BNR Basin Mixer	R	75,000
Hypochlorite	R	40,000
Wastewater Collection (7005)		
One (1) Sewer Jet/Vacuum Truck	R	575,000
Sewer Mains	R	100,000
Total		2,670,000

Impact of Capital Outlay on Operating Budget: None

Note: Any direct impact on the operating budget from capital items identified for replacement or new purchase in FY 2025 will result from a reduction to the maintenance and/or repair costs previously experienced on the older items. This amount of reduction varies and for this reason is not extrapolated and built into the operating budget.

WATER RESOURCES ADMINISTRATION

DESCRIPTION OF SERVICES:

Water Resources Administration is responsible for administration and engineering services for the Water Resources Department's 5 Divisions including compliance, ordinances, vision, goals, infrastructure and resource planning, modeling, economic development, GIS, CIP, rate structure, public relations, contract negotiations, Lower Neuse Basin Association, Neuse River Compliance Association, Water Quality Association, AWWA and WEF, water reclamation and reuse, and Buckhorn and other lakes (economic and recreational potential).

PROGRAM GOALS AND INITIATIVES:

- Provide administrative, technical, planning, and engineering support to the Water Resources operating divisions
- Promote and plan for economic development
- Develop and maintain a rate structure that supports the current system and provides for future upgrades and expansion as dictated by growth along with replacement of existing infrastructure in a planned manner
- Recommend a rate structure that supports operating and capital improvement costs without compromising the City's ability to attract economic development or affordability for our most vulnerable citizens
- Provide for redundancy of service and relocation of critical infrastructure to improve reliability
- Actively participate in the Lower Neuse Basin Association, Neuse River Compliance Association, NC Water Quality Association, American Wasteworks Association, and the Water Environment Association to support environmental protection, water conservation, science-based regulations, environmental testing, and education
- Coordinate projects between the Water, Water Reclamation, and the Water Infrastructure divisions and other City departments to improve efficiency by capitalizing on all available resources
- Continue to identify and explore new opportunities for expanding water reuse program, and expand water and wastewater sales through regionalization and sales contracts
- Open facilities and participate in public events in order to increase knowledge and support of water quality, environmental awareness, environmental stewardship, and other important educational issues in our community
- Provide a safe and conducive work environment for all employees

EXPENDITURE SUMMARY:

	2021-22 Actual	2022-23 Actual	2023-24 Original Budget	2023-24 Amended Budget	2024-25 Adopted Budget
Personnel Services	\$ 317,778	\$ 285,056	\$ 328,220	\$ 328,220	\$ 376,460
Operating Expenses	<u>3,439,267</u>	<u>3,385,727</u>	<u>4,086,290</u>	<u>4,395,569</u>	<u>4,368,690</u>
TOTAL	<u>\$ 3,757,045</u>	<u>\$ 3,670,783</u>	<u>\$ 4,414,510</u>	<u>\$ 4,723,789</u>	<u>\$ 4,745,150</u>

PERFORMANCE INDICATORS:

Department Goal(s)	Outputs	2022-23 Actual	2023-24 Estimated	2024-25 Goal
1,2,4,6	Volume water billed (Million Gallons)	2,201	2,245	2,290
1,2,4,6	Volume wastewater billed (Million Gallons)	1,508	1,538	1,569

WATER TREATMENT

DESCRIPTION OF SERVICES:

Water Treatment is responsible for operating and maintaining two water plants, complying with State and Federal regulations under the Safe Drinking Water Act, treating and monitoring raw and processed water, maintaining dams and reservoirs, maintaining and operating raw, finish, and booster pump stations, replacing and upgrading equipment, operating and maintaining the SCADA system, developing long-term goals and plans, collecting and analyzing distribution samples, maintaining public relations and encouraging plant informational tours, maintaining elevated and ground finished water storage tanks, and operating and managing residual solids systems in a compliant and environmentally sound manner.

PROGRAM GOALS AND INITIATIVES:

- Treat and supply a safe, reliable, and adequate supply of superior quality drinking water to our customers in accordance with the Safe Drinking Water Act, NCDEQ regulations, and at the lowest rate possible
- Operate, maintain, manage, and plan for future needs of the water treatment facilities, the raw water reservoirs and watersheds, raw pump stations, and finished water pump stations, booster pump stations, and storage facilities
- Educate the public on water treatment and the necessity of protecting our water resources
- Improve and enhance infrastructure to meet existing demand and to facilitate economic development
- Upgrade and modify the water treatment facilities as necessary and required to ensure regulatory compliance and a superior water quality
- Decrease the number of avoidable complaints about water quality, odor, or discoloration
- Be the regional water provider of choice for water services

EXPENDITURE SUMMARY:

	2021-22 Actual	2022-23 Actual	2023-24 Original Budget	2023-24 Amended Budget	2024-25 Adopted Budget
Personnel Services	\$ 1,536,867	\$ 1,589,128	\$ 1,863,350	\$ 1,863,350	\$ 1,903,790
Operating Expenses	2,771,171	4,045,652	4,161,170	4,458,869	4,163,420
Capital Outlay	-	37,330	670,000	623,149	600,000
TOTAL	<u>\$ 4,308,038</u>	<u>\$ 5,672,110</u>	<u>\$ 6,694,520</u>	<u>\$ 6,945,368</u>	<u>\$ 6,667,210</u>

PERFORMANCE INDICATORS:

Department Goal(s)	Outputs	2022-23 Actual	2023-24 Estimated	2024-25 Goal
1,2,4,5,6	Average daily production (MGD)	8.61	8.78	8.96
2,6	Operating cost/million gallons produced	\$ 1,794	\$ 1,902	\$ 1,978
2	NCDEQ regulatory compliance (# of violations)	No Violations	No Violations	No Violations

WATER DISTRIBUTION

DESCRIPTION OF SERVICES:

Water Distribution is responsible for system maintenance and emergency repairs, water main replacements and line extensions, hydrant repair and replacement, cross connection and backflow prevention, water distribution modeling, industrial meter maintenance and replacement, consumer meter program, engineering and design, and community development and customer service.

PROGRAM GOALS AND INITIATIVES:

- Ensure the safe and constant flow of water to the community. Reliability greater than 99.9997%
- Maintain the City's water distribution system, making improvements as necessary and as determined by field observations, testing, modeling, hydrant flowing, and sound engineering practices
- Provide an adequate supply to meet current demand for consumption, firefighting, and sprinkler systems, while also providing for system expansion to accommodate future growth and to support economic development
- Repair, replace, and install lines, service taps, meters, and hydrants to improve distribution system
- Replace undersized and deteriorating lines on a systematic schedule
- Reduce water loss between the plant and meter sales by continuing meter change outs, large meter calibration and maintenance efforts, and leak detection programs
- Continue to improve GIS capabilities, modeling, and condition assessment of the distribution system

EXPENDITURE SUMMARY:

	2021-22 Actual	2022-23 Actual	2023-24 Original Budget	2023-24 Amended Budget	2024-25 Adopted Budget
Personnel Services	\$ 1,488,454	\$ 1,424,584	\$ 1,895,720	\$ 1,895,720	\$ 1,944,010
Operating Expenses	1,519,888	1,766,346	2,269,430	2,299,530	2,275,600
Recovered Costs	(39,000)	(29,250)	(239,000)	(239,000)	(250,000)
Capital Outlay	<u>407,894</u>	<u>700,009</u>	<u>335,000</u>	<u>344,298</u>	<u>280,000</u>
TOTAL	<u>\$ 3,377,236</u>	<u>\$ 3,861,689</u>	<u>\$ 4,261,150</u>	<u>\$ 4,300,548</u>	<u>\$ 4,249,610</u>

PERFORMANCE INDICATORS:

Department Goal(s)	Outputs	2022-23 Actual	2023-24 Estimated	2024-25 Goal
1,2,5,7	Miles of water lines maintained (including re-use)	420.03	421.00	421.50
1,2,5	Number of services maintained	20,150	20,300	20,450

WATER RECLAMATION

DESCRIPTION OF SERVICES:

Water Reclamation is responsible for operating and maintaining the wastewater treatment plant, twenty-two pump stations, environmental compliance, administering sewer use ordinance, inflow/infiltration programs, analyzing and treating wastewater, industrial pretreatment program, residuals management, and water reclamation and re-use program.

PROGRAM GOALS AND INITIATIVES:

- Operate, maintain, and manage the Wastewater Treatment/Water Reclamation Facility (including the pump stations) in an efficient and effective manner
- Ensure compliance with the City's NPDES permit, non-discharge permit, and all local, state, and federal regulations
- Plan and provide for increased capacity as necessary and required to promote and facilitate economic development
- Provide a safe work environment for all employees
- Produce an effluent quality that exceeds all regulatory limits for the plant, protects the environment, and whose discharge is among the best in NC and in the Neuse Basin
- Operate and maintain a cost effective, environmentally sound, and compliant Residual Disposal Program
- Operate the Industrial Pretreatment Program in accordance with all governmental regulations
- Effectively and fairly administer the Enforcement Response Plan
- Participate in the Inflow/Infiltration Program to reduce hydraulic flow to the plant
- Operate reclaimed water programs in accordance with conjunctive use permit
- Be the regional provider of choice for wastewater services

EXPENDITURE SUMMARY:

	2021-22 Actual	2022-23 Actual	2023-24 Original Budget	2023-24 Amended Budget	2024-25 Adopted Budget
Personnel Services	\$ 2,412,893	\$ 2,530,880	\$ 2,758,390	\$ 2,758,390	\$ 2,844,180
Operating Expenses	2,709,689	3,007,724	3,555,270	3,635,577	3,838,920
Capital Outlay	431,907	341,281	1,985,000	549,293	1,115,000
TOTAL	\$ 5,554,489	\$ 5,879,885	\$ 8,298,660	\$ 6,943,260	\$ 7,798,100

PERFORMANCE INDICATORS:

Department Goal(s)	Outputs	2022-23 Actual	2023-24 Estimated	2024-25 Goal
1,2,4,5,6	Average daily flow treated (MGD)	7.95	8.10	8.30
2,6	Treatment cost per million gallons treated	\$ 1,909	\$ 1,949	\$ 1,985
2,3,5	Average Total Nitrogen concentration (mg/l)	2.04	2.25	2.30
2	NCDEQ regulatory compliance (# of violations)	0	0	0

WASTEWATER COLLECTION

DESCRIPTION OF SERVICES:

Wastewater Collection is responsible for installing and repairing sanitary sewer mains, taps, and catch basins, cleaning sewer mains, taps, and storm water basins, locating and reducing inflow/infiltration, TV inspection of sanitary sewer lines, taps, and storm water lines, Collection System permit compliance, pre-treatment, grease trap programs, and hydraulic modeling.

PROGRAM GOALS AND INITIATIVES:

- Provide a safe, effective, and environmentally sound collection system for wastewater disposal
- Promote and support economic development by expanding and improving the collection system
- Reduce inflow and infiltration to extend line capacity, reduce treatment costs, and improve the environment
- Meet state and federal regulations including permit requirements
- Continue to replace and upgrade existing infrastructure to accommodate demand, prevent overflows and blockages, and to reduce inflow and infiltration
- Provide proper maintenance to the sanitary sewer systems
- Continue TV inspection and smoke testing programs to evaluate lines, detect problems, and plan work
- Continue manhole rehab, pipe lining, pipe bursting to upgrade and replace old infrastructure in the most cost effective and efficient manner, while preserving neighborhood integrity
- Conduct public relations and educational outreach regarding wastewater issues

EXPENDITURE SUMMARY:

	2021-22 Actual	2022-23 Actual	2023-24 Original Budget	2023-24 Amended Budget	2024-25 Adopted Budget
Personnel Services	\$ 1,643,027	\$ 1,656,765	\$ 2,268,410	\$ 2,268,410	\$ 2,245,930
Operating Expenses	1,016,297	1,215,851	1,098,200	1,596,320	1,095,990
Recovered Costs	(403,499)	(451,548)	(426,000)	(426,000)	(426,000)
Capital Outlay	390,189	119,652	100,000	627,258	675,000
TOTAL	\$ 2,646,014	\$ 2,540,720	\$ 3,040,610	\$ 4,065,988	\$ 3,590,920

PERFORMANCE INDICATORS:

Department Goal(s)	Outputs	2022-23 Actual	2023-24 Estimated	2024-25 Goal
1,2,5	Miles sanitary sewer maintained (includes force mains)	361	362	363
1,2,5	Miles sanitary sewer installed	0.37	0.50	0.50
1,2,5	Total number of services	19,600	19,800	20,000

DEBT SERVICE

DESCRIPTION OF SERVICES:

Debt Service activities consist of bond principal, bond interest, installment-purchase financing, revenue bond principal, revenue bond interest, and state revolving loan financing.

PROGRAM GOALS AND INITIATIVES:

- Provide financing and subsequent repayment of obligations incurred for Water Resources Fund purposes
- Meet current debt obligations in a timely manner
- Meet all legal requirements applicable to local government financing

EXPENDITURE SUMMARY:

	2021-22 Actual	2022-23 Actual	2023-24 Original Budget	2023-24 Amended Budget	2024-25 Adopted Budget
Operating Expenses	\$ 3,204,449	\$ 2,214,722	\$ 1,977,550	\$ 1,977,550	\$ 1,951,510
TOTAL	\$ 3,204,449	\$ 2,214,722	\$ 1,977,550	\$ 1,977,550	\$ 1,951,510

PERFORMANCE INDICATORS:

Department Goal(s)	Outputs	2022-23 Actual	2023-24 Estimated	2024-25 Goal
N/A	Timely servicing of debt obligation	100%	100%	100%
N/A	Compliance to all regulatory guidelines and covenants	100%	100%	100%