

Onslow Water & Sewer Authority
Board of Directors' Special Meeting 228 Georgetown Road Jacksonville
Wednesday, June 12, 2024
APPROVED MINUTES

CALL TO ORDER: Having a quorum, Chairman Royce Bennett called the meeting to order at 6:00 pm. Board members present included Chairman Royce Bennett, Vice Chairman Paul Conner, Secretary/Treasurer Richard Grant, Directors Jerry Bittner, Timothy Foster, Gregory Hines, Robert Warden.

1. **APPROVAL OF AGENDA** – Director John Davis made a motion to approve the agenda. A second was made by Director Jerry Bittner. The motion was approved unanimously.
2. **DISCUSSION**
 - a) **Proposed Fiscal Year 2024-2025 Budget**
[A COPY OF THE FY2024-2025 PROPOSED BUDGET PRESENTATION SLIDES MAY BE FOUND AT EXHIBIT A AND ARE FULLY INCORPORATED HEREIN BY REFERENCE.]

Chairman Royce Bennett called on Mr. Franky J. Howard, CEO, to present the item. Mr. Howard said his recommendation is still for a 3.5% COLA for all employees in keeping with the Southern CPI numbers. Mr. J. Eric Adams, CFO, said the recommended COLA was compared to what the NCLM survey showed other units of governments were doing and it was in line with that. Mr. Howard went on to explain the proposed budget includes 11 new positions out of the 33 that were requested from departments. He went on to say the number includes two new collections crews because from the acquisition we gained about 1,000 new lift stations. Mr. Howard said his hope is that one of the new crews could be dedicated to I&I.

Director Davis expressed his concern with COLA increases. He shared his concern that it isn't enough for the critical skill employees and turnover is inevitable. Mr. Howard said he should probably share that we are two years into a new policy that allows employees to grow within their position adding it grows them to the midpoint and separates them from the starting salary of someone who just came to the organization. Secretary/Treasurer Richard Grant said he doesn't have a problem giving him a specific amount and then he [Mr. Howard] decide based on performance who gets what amount. He explained if they are not a performer they should not progress through to the midpoint. Mr. Howard explained the way the system is set up they would have to be performing as evaluated by the annual performance evaluation in order to move up as well. Director Tim Foster said what we are talking about is two different things one is a COLA to keep up with what is going on with life and the other would be to keep up with what is going on competing wise. Director Warden said he is going to look at it a little differently you can look at it as the COLA keeps the individual employee up with inflation but you can also look at it as the position needs to keep up with whatever the market is doing so as our competitors are raising their base amounts for the positions that is what our COLA is doing we don't fall further behind. Director Greg Hines said he does not have a problem with the proposal.

Director John Davis asked if ONWASA has a policy regarding Unreserved Fund Balance. Mr. Chuck Kitchen, Authority Attorney, replied that the State has a minimum policy and if you fail to meet that then the LGC will come in and take over possibly. Director Bob Warden shared that the City of Jacksonville recently adopted a policy with minimum and maximum for fund balance. Director Davis said that was the direction he was going with his question. Mr. Kitchen said there is a second issue which is for the Bonds a minimum amount must be maintained for bond ratings and also there is a maximum. Chairman Royce Bennett shared that the County would be considering a Finance Policy next week that would include a Tax Stabilization Fund, a Fund Balance Policy, Restricted Funds like Disaster Contingency. He added it would not hurt for us to look at what policies we have and consider adopting something like that. Mr. Kitchen said one thing you will want to consider when deciding how much money you need is Topsail Island because there has been a hurricane that came through and destroyed the distribution system. Mr. Howard added one thing to consider is it does draw interest we are not just sitting on it. Director Grant said he thinks it would be good to have a policy like that and the other thing to consider is the money is earning interest but how much are we paying on the money we borrow versus what we have in fund balance.

Mr. Howard said the budget included adding to bulk chemical storage. Director Warden asked if we do bulk fuel. Mr. Howard replied not yet but there had been previous talks with Onslow County about joining with them to purchase bulk fuel. Chairman Royce Bennett said it had been the County's intention to assist ONWASA with the bulk fuel purchase. Mr. Howard added that the good thing is the bulk fuel locations the County has in place are spread out throughout the County. Director Davis said if you build it up and play the futures right you will save a lot of money on fuel. Mr. Howard shared that they did have bulk fuel in

Jones County and were able to save. Mr. Eric Adams, CFO, said with the bulk chemical storage the savings on the chemicals more than pays for the storage tanks in just the first six months. Director Warden said he didn't know if fuel would do that much but it will still be a significant savings. He went on to say it isn't just about natural disasters, but we could have another oil embargo issue.

Mr. Howard explained the sources of revenue and expenditures. Secretary/Treasurer Grant asked if the Debt Service was mostly the bonds. Mr. Howard replied it is the old bonds and the most recent ones. Vice Chairman Paul Conner inquired what percentage of revenues came from late fees and what the actual fees were for late fees and nonpayment fees combined. Mr. Howard said \$350,000 for what we call late fee and \$650,000 for suspension fees. Mr. Howard asked Ms. Dawn Taylor, Deputy CFO, to confirm if suspension fees were the nonpayment fees. Ms. Taylor confirmed that was correct. Vice Chairman Conner said so there is a projected \$1,000,000 for both. Mr. Howard said that is right we have a \$6 late fee and a \$60 nonpayment fee. Secretary/Treasurer Richard Grant asked if that was non collectables. Mr. Howard said no.

b) Capital Improvement Plan

[A COPY OF THE 2024 UPDATED CIP MAY BE FOUND AT EXHIBIT B AND ARE FULLY INCORPORATED HEREIN BY REFERENCE.]

Mr. Howard provided an overview of the Capital Plan Highlights. He shared that the force main to connect Holly Ridge and Summerhouse is under permitting and design right now and we hope to have it out for bid later this year. He said the watermain on HWY24 from Hubert to Piney Green is pretty much designed and we are waiting on the Base to give us the greenlight. Mr. Jeffrey Lohr, Chief of Engineering, added and the easements. Director Bob Warden asked are we reminding them that we are waiting on the easements? Mr. Howard said almost every month adding they have had some change in hands on the real estate side but they did confirm we have the greenlight on the sewer project but we are waiting on the easements for the waterline. Director Warden asked who is our liaison for that because I know they are having to deal with Norfolk? Mr. Howard said he uses Joe Ramirez and Scalise here locally but there is a real estate person that they have us in contact with, Ashley Carpenter. Mr. Warden said we have to make sure we create that sense of urgency. Mr. Lohr replied they are giving us good cooperation. Mr. Howard said with the Dixon Plant expansion we are trying to go from 4mgd to 6mgd to deal with the growth down there. He shared that we are looking at sites for a new water treatment plant at Burton Park and Union Chapel Road. Director Warden asked if that was using the quarry water. Mr. Howard said no not at this first stage but there is discussion about how we could get the State to allow us to do that but right now it seems that there are problems with using an active quarry site. Director Greg Hines said we have talked about this for years. Mr. Howard said one of the hurdles for even the Burton Park site is the discharge point back to the New River. The New River is such a small channel in the Richlands area that it isn't classified as being able to handle the flows from a plant. Mr. Kitchen added that all of the utilities that use surface water have big PFAS issues with the new federal rule. Mr. Howard said we are looking at expanding the Hubert Water Plant too saying it is already a 6mgd plant but an expansion could take it to 8mgd with additional raw water sources. Director Hines asked if in the Southeast area are we going to be able to keep up with the growth explaining in Sneads Ferry and Holly Ridge houses and commercial buildings are popping up everywhere, are we going to be able to keep up with that or is there going to be an end point sometime or are we going to try to work with Pluris. Mr. Howard said the current plan is the force main that would connect to the plant we purchased that has capacity, but we are also talking about other alternatives like what we are doing at Summerhouse to try to maximize the capacity there. Mr. Howard did say since we have built this plan, we have been made aware of growth at the Wachovia tract where they are trying to build more workforce houses in cooperation with JOEDP and that will need 1.6mgd alone. Director Hines said that is what he is getting at and he knows we can't project everything but when you look at the growth down there. Mr. Howard said yes that is why we are looking at alternatives like Mr. Lohr attended some design build trainings to see if that would be a viable option. Secretary/Treasurer Grant asked Mr. Lohr if that is like a modular. Mr. Lohr said we have a plant design that is 90% designed already and we think we can utilize that somewhere. Director Hines said he hears it both ways some people ask him why don't they stop the growth in Holly Ridge. Mr. Howard said what I have told my team is we do not want ONWASA to be the reason growth has to stop. Director Hines said that is why I wonder with Pluris could that help. Director Davis said what he doesn't see on here is the expansion of the Swansboro Plant and what we are doing to recover from the Base. Secretary/Treasurer Richard Grant said and our tank. Mr. Howard said it [NTB tank] isn't on this list but it is on the CIP. Mr. Howard added that is a good segway into the HWY 24 Force Main Project which is the Swansboro wastewater solution and has been in the works for quite a few years now. Mr. Howard said we opened bids on the second half of that project today. He provided an overview of the design that would get the capacity needed to support Swansboro growth. He added knowing we have had some issues with the base we did ask that this be

designed with valves that could be changed to push the water back towards Swansboro. Director Davis said aren't you reaching the limits on what you can treat in Swansboro. Mr. Howard said we are reaching the limits on what we can treat in Swansboro so there is no way to treat additional capacity there saying on paper we have reached the limits but on flows we continue right around less than 70% or high 60's so we are hopeful that as we continue to fix I&I we are going to get that down some more. Mr. Howard said last week we got the force main part of it in with five bids from 9.5 mil to 12.5 mil so a 3 mil spread. He said the low bid on that phase of the project is Jymco out of Smithfield. Mr. Howard said they had to rebid the pump station part of the project because we only had one bid and today we had two bids on the pump stations. He said they came in at 18 mil and 21 mil with T A Loving being the apparent low bidder. Secretary/Treasurer Grant asked if they were the only bidder last time. Mr. Howard said they were the only bidder last time and came in as the lowest this time. Mr. Howard explained that we asked them to remove the decommissioning of the Swansboro Plant so at the end of the day that project will be right at 17 million to do the pump stations and add that to the force main with design and contingencies we are at a 30 million dollar project and this aligns with the CIP because what we anticipated we were under on one and over on the other. He said what it does is give us the ability to expand our footprint and immediately tap into our limited capacity on Base and my recommendation in the future would be to expand Swansboro because we will not be decommissioning that plant and adding capacity at possibly Parker Town which is the midway point in the Hubert area so we can treat our own flow. Director Davis asked if Parker Town is the one on 172. Mr. Howard said it is before 172. Mr. Howard explained we have 200 acres through our capital lease at the Parker Town site, so we do have potential there. He said one of the alternatives we are looking at is putting EOPs out there the glorified drain fields basing it on some numbers from Surf City because they just designed one of those for about 200,000 gallons a day so that is a small scale project and what we would like to do in Swansboro is 2 million gallons per day. He said to do that at Parker Town we have some proposals on what that would look like and it takes a pretty good chunk of that property and could cost between \$28 million and \$40 million based on the number Surf City saw. He said he believes their small scale project probably has some cost in there that would be spread out on ours. Mr. Chuck Kitchen, Authority Attorney, said you would not need it all at one time. Mr. Howard said right. Mr. Kitchen replied so it could be phased in over years based on the expansion of Webb Creek and the Swansboro Plant. Mr. Howard said yes and keep in mind that the current plant is designed at 600,000 gallons a day but certain components of it could go to 1.2 million gallons per day so initially the first phase would be to get us to the 1.2. Mr. Howard said in addition to that we have looked at reapplying for our discharge permit for Swansboro but the challenge with that is the State doesn't really like discharge once you go non discharge and on top of that he thinks there was some give and take that either ONWASA or Swansboro got some grant money to do away with the discharge permit to build an infiltration basin. He said the Webb Creek Plant does have a discharge permit so in order to expand it we would have to increase the discharge allowance, or our two lines do cross paths on HWY 24 so we could send the additional flow out to Parker Town. Mr. Kitchen asked on paper what are we at with Webb Creek and Swansboro. Mr. Howard said we are pushing 100%. Mr. Kitchen said so by law we are at the moratorium. Mr. Howard said as long as you have plans which we do have plans to get more capacity they work with you. Director Davis said when do you feel comfortable presenting these designs or ideas into real plans to get approval. Mr. Howard said we can have for you at the next meeting the HWY 24 Force Main project because it has been bid out and we will have the bids reviewed by then. Mr. Howard said the issue is the financing for that project so in order to fund it we have to get LGC approval and the earliest date we can get according to Doug Carter is mid-September. Mr. Kitchen said and just so you know that is actually really pushing ONWASA to get ready because in order to get to that point we have to get our Bond Counsel in and draft documents, get approvals, there is public hearings, and all kinds of things you get into with these things. Mr. Howard said we have talked about that, and we have to have everything to them in August in order to get on the September calendar. Mr. Howard said he did speak with Elaine [Raftelis Financial Consultant] and she can update our feasibility study and added keep in mind that we just went through this so a lot of it is just updates. Director Davis said on the other side the Swansboro, Webb Creek and Parker Town part of it when would you feel comfortable presenting to us concepts. Mr. Howard said we will need some time to flesh out the cost of the minor improvements in Swansboro. He said we have the engineering numbers for generic improvements to get it to 2 mil a day but that is just an engineer number so we need to tighten that down. Chairman Royce Bennett said this would pretty much give us four treatment options for the sewer coming out of Swansboro. Mr. Kitchen said with the Raftelis System Development Fee Analysis we do not have the upgrades to Swansboro or Webb Creek in there, right. Mr. Howard said right we did put some minor improvements in there for Webb Creek but not the expansion. Vice Chairman Paul Conner said do you have the estimates for Webb Creek. Mr. Howard said we do not have Webb Creek but the Swansboro number was but again this is an engineer's estimate at 18-28 mil and to so both ends of it the treatment and the disposal it was 45-70 mil. Vice Chairman Conner said so that fund balance doesn't look that big now. Secretary/Treasurer Richard Grant said he would like to see what the financing and Cash Flow forecasting is so looking at how you are going to finance it and rate assumptions and all of that

would be helpful because these are big projects. Mr. Howard replied we did do that for the last update. Secretary/Treasurer Richard Grant asked if Carter helped with that. Mr. Howard replied yes Andrew and Doug Carter as well as Raftelis. Mr. Howard reiterated that this project does expand the footprint and gives us capacity. Director Bob Warden said but it doesn't allow for any additional capacity. Mr. Howard said by not decommissioning the plant we maintain the 600,000 gpd so we will not lose that. Director Warden asked where that would go. Mr. Howard replied it is either going to be a combination of discharge if we get that back and Parker Town. Director Warden said but right now the 600 is going down 24. Mr. Howard said right until we have an alternate treatment option. Director Warden so we are not really relieving any pressure on Swansboro. Mr. Howard we are in a sense because this allows us to tap into the 2 mgd on the Base on our agreement. Director Warden said so we do have 2 mgd. Mr. Howard replied we split it with the City. Mr. Warden said technically right now you have a million and the City has a Million. Mr. Howard said technically we should have reduced the City's based on the percentage of reduction from the Base but we did not because we did not need it at the time. Mr. Howard said he thinks the City is only sending 10,000 gallons per day. Director Warden said but there are some plans that would increase that with some developments that have already been approved. Director Warden expressed concerns over spending 30 million dollars and not gaining capacity or revenue. Mr. Howard said speaking of revenue there are a lot of projects between Piney Green, Hubert and Swansboro that have requested sewer so we would pick up some revenue. Vice Chairman Paul Conner asked if he has had any conversations with the State about trying to reopen that discharge permit. Mr. Howard replied yes, and we have another call with them on Friday. Director Warden asked if he would be looking for a decision next week. Mr. Howard said to keep it on time he thinks we really do need a decision next week. Director Greg Hines asked what the terms in the agreement are with the Base if they decide to cut us off. Mr. Howard said they would give us three years or let it expire.

Mr. Howard explained the new sewer customers we acquired have had to adjust their methods of luxury irrigation because of now paying on usage not a flat rate which most private companies do. Mr. Howard explained he does remind people that there is a State law that if you have an inground irrigation system and you are on a sewer system you must have a separate meter for the irrigation system for homes built after 2009. Mr. Howard said there is incentive to current customers to get the separate irrigation meter to keep from having to pay sewer on that usage. Mr. Howard said we only have around 900 irrigation meters system wide.

Director Greg Hines made a motion to adjourn the meeting. Director Jerry Bittner seconded the motion. All were in favor, the meeting was adjourned at 7:40 pm.

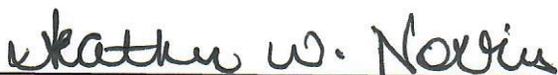
The minutes were approved on September 19, 2024.

Onslow Water & Sewer Authority Board of Directors




Michael R Bennett, Chairman

ATTEST:



Heather Norris, Clerk



ONWASA

FY25 Proposed Budget

Franky Howard
Chief Executive Officer

The Process

1. Budget team reviews Board directives (CIP, financial plans, board goals) as well as environmental pressures and revenue projections
2. Budget team develops guidelines for departments
3. Departments research cost increases, equipment repairs/replacements and create budget requests
4. Budget Team and Departments work together to craft a proposed budget
5. Delivered to the Board for your consideration

ONWASA ^{EXHIBIT A} By-the-Numbers

◆ 3,751,835,963	Gallons of Water Pumped Annually
◆ 635,612,363	Gallons of Wastewater Treated Annually
◆ 16,050,000	Gallons of Stored Water
◆ 14,506,640	Gallons of Water Stored in Underground Pipes
◆ 1,005,463	Miles Driven Annually
◆ 702,770	Meter Readings Annually
◆ 295,065	Transactions Processed Annually
◆ 245,184	Main Office - Phone Calls Handled Annually
◆ 156,515	Estimated Number of Individual Customers
◆ 104,511	Lab Analysis' Processed Annually
◆ 70,902	Work and Service Orders Processed Annually
◆ 58,154	Number of Metered Accounts
◆ 1,244	Miles of Water Mains
◆ 445	Square Miles of Service Area
◆ 312	Miles of Wastewater Mains
◆ 247	Facilities to Maintain
◆ 172	Full Time Positions

EXHIBIT A



ONWASA

Budget Details

Budget Drivers

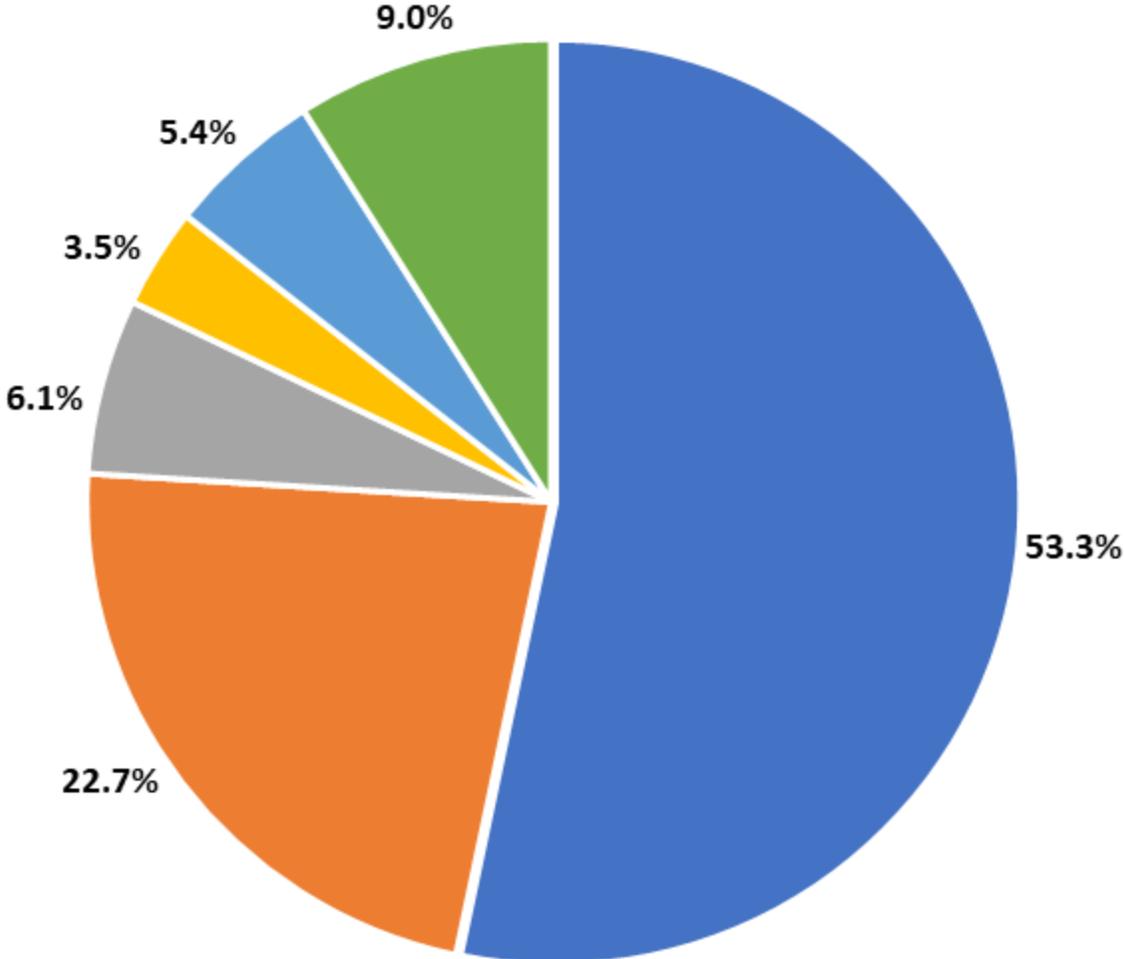
- Current revenues must equal current expenses (Balanced Budget)
- Increased Customer Demand and Growth
- Increased Operational Costs
- 2024 Capital Improvement Plan Update
- 2023 Raftelis Rate Study update requirements
- ONWASA Strategic Plan

FY25 Budget – At a Glance

- Operational Budget balanced at \$57M
- Unreserved Fund balance less pay-go projects - \$34.5M (60.5% of operating budget)
- User Fees are the primary revenue at \$47.8M
- \$1M Disaster Contingency
- Fund balance of \$5.1M appropriated for 1-time capital requests.
- 3.5% COLA for all staff budgeted
- 11 new positions
- Continue Pay Plan Steps (2.5%) for Merit Program.

EXHIBIT A

SOURCES OF REVENUE

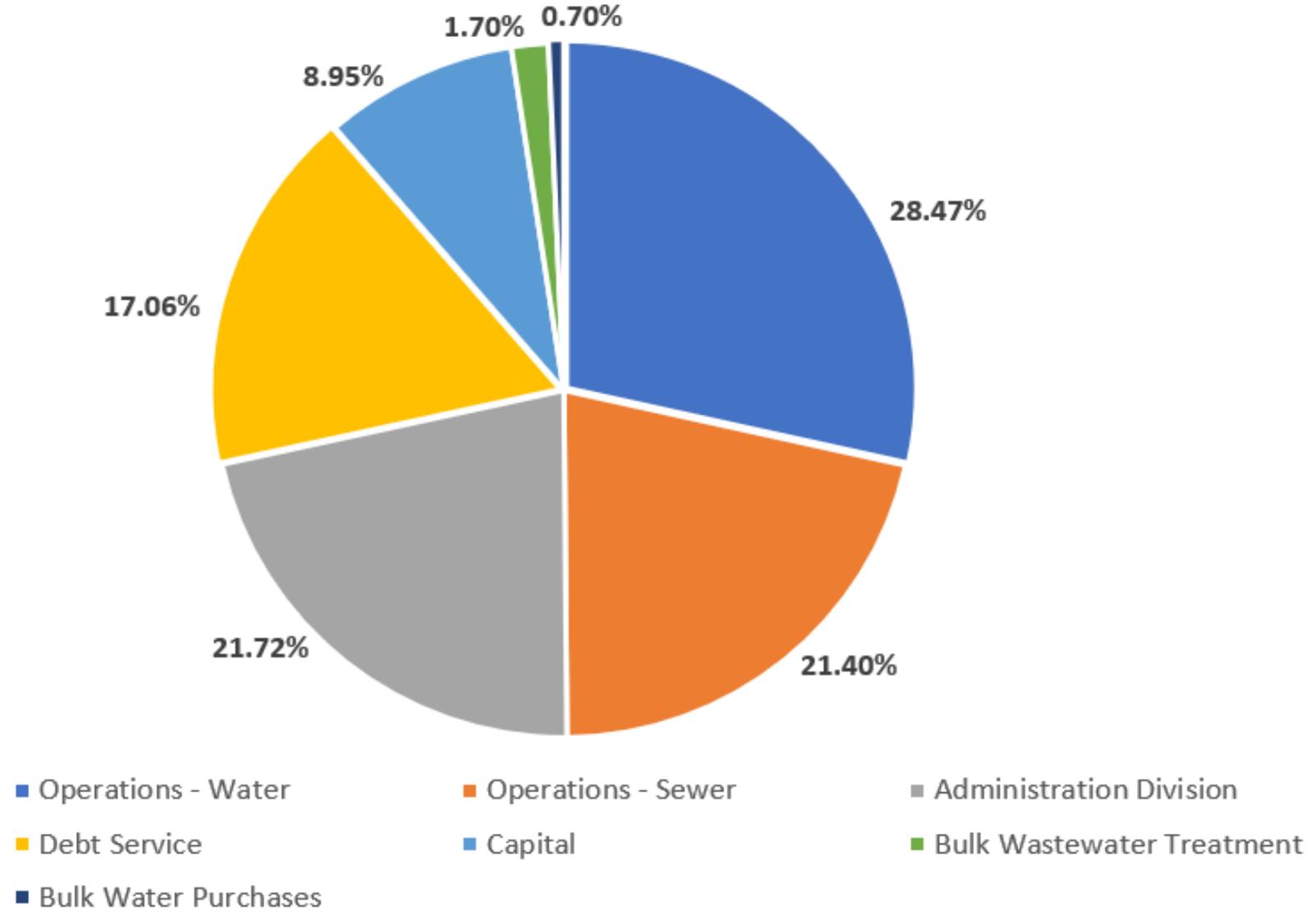


■ Water Sales
■ Service Fees

■ Wastewater Sales
■ Administrative Fees

■ System Development Fee
■ Fund Balance Appropriated

TOTAL EXPENDITURES



Capital Improvement Plan Highlights

- ✓ Bidding and the start of construction for the Hwy 24/Swansboro Wastewater Force Main and Pumping Stations projects.
- ✓ Completing construction for the Topsail Island Booster Pumping Station project.
- ✓ Permitting and implementation of Interim Capacity Improvements at the Summerhouse Wastewater Treatment Plant.
- ✓ Permitting and construction of the Southeast Sewer Force Main project to connect the Holly Ridge/Summerhouse collections systems to the newly acquired wastewater treatment plant in Sneads Ferry.
- ✓ Permitting and bidding for the Highway 24 Regional Trunk Water Main Replacement project.
- ✓ Bidding and installation of raw water wells at the Dixon WTP and on ONWASA's Wachovia Tract property.
- ✓ Completion of site evaluations and process design for a new water treatment plant in the Burton Park or Union Chapel Church Road area.
- ✓ Preliminary design for a proposed project to increase the capacity of the Dixon WTP from 4.0 to 6.0 MGD.

Public Information & Feedback

- Proposed budget is online at www.onwasa.com
- Both written and emailed comments from the public are invited.

budgetcomment@onwasa.com

Budget Comment
c/o ONWASA Administration
228 Georgetown Road
Jacksonville, NC 28540

EXHIBIT A



ONWASA

Board Action Requested

Franky Howard
Chief Executive Officer

Next steps.

Motion to set the public hearing on the proposed FY25 budget at the Board of Directors meeting in the Jacksonville City Hall Council Chambers on June 20, 2024 at 6pm or as soon thereafter as is practicable.

and

Schedule a Budget Workshop.

EXHIBIT B

ONWASA 10 YEAR CAPITAL PLAN
2024 UPDATE

No.	Project Description	Type	Service Area	YEARS 1-5 CAPITAL IMPROVEMENT NEEDS					YEARS 6 - 10	Project Total
				FY24	FY25	FY26	FY27	FY28	FY29-33	
	Buildings/Misc. Operational Projects									
CIP-035	Water & Sewer Operational Improvements (D+C)	R	Various	2,500,000		1,500,000			4,500,000	8,500,000
N/A	Disaster Recovery Response Contracts (C only)	R	Various		1,000,000		1,000,000		3,000,000	5,000,000
CIP-001	Building Roof Replacements (D+C)	R	Various	\$357,157	\$250,000	\$250,000	\$250,000		\$500,000	\$1,607,157
CIP-011	Emergency Power Systems Upgrades (D+C)	R	Various	982,911	1,482,911	500,000	500,000	250,000	1,500,000	5,215,822
	WATER SYSTEM									
	Raw Water and Monitoring Wells									
CIP-010	ORWRG Aquifer Study Monitoring Wells (D+C)	R	Various		175,000		150,000		300,000	625,000
	Union Chapel WTP									
CIP-025A	Union Chapel WTP Feasibility and New Well Sites (D+C)	E	Southwest	75,000	1,000,000	1,500,000	3,000,000		11,250,000	16,825,000
CIP-025B	Union Chapel Water Treatment Facility (D+C)	E	Southwest				36,000,000		96,000,000	132,000,000
	Water Distribution System - Renovation									
CIP-032	Topsail Island Booster Pumping Station (D+C)	R	Southeast	2,752,513						2,752,513
CIP-040	North Topsail Beach Water Tank (D+C)	R	Southeast	500,000	2,500,000	500,000				3,500,000
CIP-017	Highway 24 Regional Trunk Water Main (D+C)	R	Northeast	1,500,000	10,250,000	10,250,000				22,000,000
CIP-003	Water Main Interconnections, Phases 3 - 7 (D+C)	R	Various	300,000		500,000		500,000	1,500,000	2,800,000
CIP-037	Water Main Aerial Crossing Replacements, Phase 1 (D+C)	R	Various		1,238,741					1,238,741
CIP-004	SW Service Area Upgrades, Project 2 - Hwy 17 Trunk Main (D+C)	R	Southwest		250,000	500,000	5,100,000		16,200,000	22,050,000
CIP-018	Queens Creek Road Water Main Upgrades (D+C)	R	Northeast						5,400,000	5,400,000
CIP-019	Rocky Run Road Water Main Upgrades (D+C)	R	Northeast						6,500,000	6,500,000
CIP-038	Dixon WTP Expansion (D)	E	Various	300,000	5,000,000	15,000,000	10,000,000			30,300,000
CIP-039	Water Master Plan (D)	E	Various	150,000	250,000	250,000				650,000
CIP-041	Ocean Road Water Extension (D+C)	R	Southeast	500,000	100,000					600,000
	WASTEWATER SYSTEM									
	Northwest Regional Water Reclamation Facility									
N/A	Hurricane Florence Recovery (C only)	R	Northwest	48,942						48,942
	Southeast Regional WWTPs									
CIP-005	Summerhouse Interim Capacity Improvements (D+C)	R	Southeast	3,582,900						3,582,900
CIP-028	Capacity Improvements (Project To Be Determined)	E	Southeast	10,000,000			1,750,000	16,625,000		28,375,000
	Swansboro WWTP									
CIP-006A	Hwy 24 Utility Improvements - Wastewater Force Main (D+C)	E	Northeast	8,000,000	18,000,000	4,130,000				30,130,000

EXHIBIT B

ONWASA 10 YEAR CAPITAL PLAN
2024 UPDATE

No.	Project Description	Type	Service Area	YEARS 1-5 CAPITAL IMPROVEMENT NEEDS					YEARS 6 - 10	Project Total
				FY24	FY25	FY26	FY27	FY28	FY29-33	
	WASTEWATER SYSTEM (cont.)									
	Wastewater Collection System - Renovation									
CIP-016	Pumping Station Assessments/Rehabilitation (D+C)	R	Various	500,000	1,000,000	1,000,000		1,000,000	3,000,000	6,500,000
CIP-033	Hargett Street & Shore Drive Pump Stations Rehabilitation (D+C)	R	Various	500,000	500,000					1,000,000
CIP-034	Piney Green Sewer Phase 2 - Hickory Grove Closure (C only)	R	Northeast	227,927						227,927
CIP-036	Mount Pleasant Road Pump Station Relocation (D+C)	R	Northeast	178,030	1,000,000					1,178,030
CIP-042	Ocean Road/ Jenkins Street Pump Station (D+C)	E	Southeast	750,000	3,500,000	250,000				4,500,000
	Wastewater Collection System - Expansion									
CIP-008	NW Plant - Kenwood/Bishops Ridge Service Extension (D+C)	E	Southwest					500,000	5,800,000	6,300,000
CIP-020	NW Plant - Liberty Park Road Service Extension (D+C)	E	Southwest					250,000	2,700,000	2,950,000
CIP-021	NW Plant - Hill Farms Service Extension (D+C)	E	Northwest					460,000	4,600,000	5,060,000
CIP-022	NW Plant - Denise Dr/Greystone Dr Service Extension (D+C)	E	Southwest					400,000	4,000,000	4,400,000
CIP-029	NW Plant - Plum Point Sewer Extension (D+C)	E	Southwest					400,000	4,400,000	4,800,000
CIP-030	Piney Green FM - Birchwood Park Service Extension (D+C)	E	Northeast					150,000	1,400,000	1,550,000
	Totals			\$33,255,380	\$42,246,652	\$20,880,000	\$47,750,000	\$20,535,000	\$172,550,000	\$368,167,032
							Total: Years 1-5	\$164,667,032		

Notes:

Chart does not reflect active projects funded in previous budget years.

All cost estimates are based on project information available at the time this report was prepared.

Actual costs for individual projects will not be final until contracts are awarded; estimated costs are for planning purposes only.

Type Codes: E - System Expansion Project R - Repair/Rehabilitation Project

D - Design, C - Construction