

FISCAL YEAR 2024 BUDGET MESSAGE

It has been a pleasure working with such a talented team over the past several months to develop the budget package being presented to the Board this year. We have a dedicated group of professionals that take their roles for ONWASA very seriously and it is evident in the individual budget requests prepared by each Department. For Fiscal Year 2024 (FY24), we expect to continue to deal with reduced staff environments until we can lower our vacancy rate, as well as supply chain challenges we continue to experience.

ONWASA personnel should also be commended for their continued commitment to sustaining one of the largest Utility Authorities in the State among these ever changing and challenging times. The growth ONWASA has experienced over the last 18 months is one for the record books. This increase in our customer base brings with it an increase in water and wastewater capacity needs, as well as an increased workload felt across all departments within ONWASA.

Fortunately, here at ONWASA we have a Board and Leadership Team that have put into place strategic policies and plans that position our utility in a way that enables us to absorb this growth with minimal impact on current and future customers. The FY24 Budget that is being presented to the Board takes into consideration the growth we are experiencing and available revenue streams, while providing an environment across the Utility that ensures we are meeting the goals the Board has set forth in our existing Strategic Plan.

The ONWASA budget team therefore presents the proposed FY24 budget to the ONWASA Board of Directors. This budget is given to you pursuant to Sections 159.11 and 162A.1-19 of the North Carolina General Statutes. It is a balanced budget and meets all requirements of the North Carolina Local Government Budget and Fiscal Control Act. The budget enables the continued provision of necessary utility services to the community's growing population through the included capital improvement plan.

The FY24 budget process began on December 16, 2022, as the Finance Department sent budget development packages to all departments. On January 11th a budget kickoff meeting was held with departmental personnel. Staff were informed that all budget requests would follow the guidance of the Board as set forth in the strategic plan. Major budget items tied to strategic plan goals shall be identified in this message by referencing the corresponding goal icon. Strategic plan goals represent the most important issues that must be addressed to achieve the desired future. ONWASA's goals were driven primarily by the factors that are most critical to the organization's future success:



Workforce Development: Attracting, developing, and retaining a professional, highly skilled, engaged, and versatile team.



Enhanced Customer Experience: Creating a culture that delivers an enhanced customer experience.



Communication and Partnership: Fostering an environment that encourages open communication and supports partnerships.



Financial Stewardship: Generating revenues sufficient to support operations and growth, while maintaining affordable rates.



Reliable and Sufficient Infrastructure: Planning, delivering, and maintaining dependable infrastructure necessary to address the changing needs of the service area.

In the development of the budget, staff attempted to address the five greatest organizational needs that were perceived for FY24. These are directly tied to the Board's strategic goals: Reliable and Sufficient Infrastructure (Needs 1-3); Workforce Development (Need 4) and Financial Stewardship (Need 5).

1. Provide service to a growing population with increasing water and wastewater demands and capacity needs.
2. Rehabilitate or upgrade assets that are reaching the end of their service life.
3. Continue working on resiliency to natural disaster damage and other threats.
4. Retain the highly qualified and licensed staff necessary to run the Utility effectively and efficiently.
5. Provide the same level of exceptional customer service by making needed procedural and operational changes to combat rising costs and supply shortages.

During 2020 the ONWASA Board of Directors updated its Capital Improvement Plan (CIP) based on new information on customer demand and newly completed water and wastewater studies. In addition, the Board of Directors received information from Raftelis Financial Consultants (Raftelis Rate Study) which set forth the rate models necessary to pay for the capital improvement projects required to meet increasing customer demand. This budget strictly follows the Board's accepted CIP, which has been updated with current cost estimates, and related project timelines and the Raftelis Rate Study model presented to the Board in 2020. The budget includes all necessary CIP projects as well as a proposed rate increase of 8%, calculated to be necessary to pay for the increased capital construction of the utility.

ONWASA will continue to cash-pay for the design and permitting for larger projects and will determine construction funding once bids are received. For smaller capital projects ONWASA will use the best source of funding available at that time.

A summary of important elements of the budget follows in the "FY24 Budget at a Glance" section.

FY24 Budget at a Glance

- ◆ The budget totals approximately \$44.3 million.
- ◆ The proposed budget includes:
 - A total of sixteen (16) new positions
 - An employee cost of living adjustment of 4%
 - An alternative approach to funding “smaller” construction projects within the capital improvement plan.
- ◆ In accordance with recommendations from the Utility’s financial planners, Raftelis, the budget proposes an 8.0% increase effective July 1, 2023, on water and sewer user charges. Increased revenue is necessary to pay debt service on future infrastructure improvements. The impact to the average water customer is estimated to be \$2.80 per month. This is based on a 5,000 gallon per month user of water only, the new total average monthly bill would be \$37.56. The impact to the average sewer customer is estimated to be \$5.03 per month. Again, this is also based on 5000 gallons of water usage. The new total sewer bill would be \$67.93 per month. For a water and sewer customer the total monthly bill would be \$105.49 for 5000 gallons.
- ◆ The budget is balanced with the following Fund Totals:
 - Operating Fund: \$44,323,444
 - Restricted Fund: \$2,572,773
 - Replacement Fund: \$2,504,151
 - Capital Projects Fund: \$100,108,591
- ◆ Fund balance of \$4,936,780 has been appropriated for funding one-time capital requests. Total Cash and Investments as of March 2023 was \$50,971,293. Total Unreserved Fund Balance is estimated to be approximately \$32,421,460; this does not take into account any revenues or expenses for April-June.
- ◆ Due to continued restrictions in production capability at Dixon Wells D10 and D11, the budget includes \$100,000 for potable water purchases on an as-needed basis through agreements with other governmental agencies.
- ◆ Estimated Unreserved Fund Balance is \$32.4 million as of March 2023. Total Cash and Investments is \$50.9M of which approximately \$13.4 million is now set aside for anticipated “pay-go” construction projects within the accepted capital improvement plan. An additional approximately \$5M is set aside in the Replacement and Restricted Funds, more details on those funds are further down.
- ◆ Highlights of ongoing capital improvement projects that will be active in FY24 include:
 - Permitting, bidding and the start of construction for the Swansboro Wastewater Force Main and Pumping Stations projects.

- Permitting, bidding and construction for the Topsail Island Booster Pumping Station project.
- Permitting and implementation of Interim Capacity Improvements at the Summerhouse Wastewater Treatment Plant.
- Permitting, bidding and the start of construction for the new Southeast Wastewater Treatment Plant project.
- Permitting and bidding for the Highway 24 Regional Trunk Main Replacement project.
- Bidding and installation of pilot 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 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.

2023 ONWASA By-the-Numbers

ONWASA is the 2nd largest Water and Sewer Authority in North Carolina. TABLE 1 provides perspective on activities funded through the annual budget.

Table 1. Key Numbers

◆	3,698,402,796	Gallons of Water Pumped Annually
◆	332,139,548	Gallons of Wastewater Treated Annually
◆	16,050,000	Gallons of Stored Water
◆	14,425,644	Gallons of Water Stored in Underground Pipes
◆	1,005,463	Miles Driven Annually
◆	683,543	Meter Readings Annually
◆	281,298	Transactions Processed Annually
◆	243,584	Main Office - Phone Calls Handled Annually
◆	153,883	Estimated Number of Individual Customers
◆	68,783	Lab Analysis' Processed Annually
◆	67,954	Work and Service Orders Processed Annually
◆	56,846	Number of Metered Accounts
◆	1,237	Miles of Water Mains
◆	445	Square Miles of Service Area
◆	195	Miles of Wastewater Mains
◆	152	Facilities to Maintain
◆	131	Full Time Positions

The remainder of the budget message provides useful information on the budget process, revenues, expenditures, specific major funds, and other data. The data is organized by header for ease of reference. This information is anticipated to meet the rigorous standards of the Local Government Finance Officers Association for complete and transparent budgetary reporting.

Budget Process

As stated previously, the budget process for ONWASA began in December of 2022 and was completed in accordance with North Carolina's General Statute Chapter 159, also known as *The Local Government Budget and Fiscal Control Act*. During the budget process ONWASA staff worked together to develop a budget that supports the adopted Strategic Plan, Capital Improvement Plan, maintains all operating and maintenance needs and satisfies all current debt service requirements. This year the Budget Message and Budget are being delivered to the Board of Directors in advance of the May 18, 2023, regular meeting of the Board. A public hearing is recommended for June 15th at 6pm in the Council Chambers at Jacksonville City Hall. The Budget Ordinance and Rate and Fee Schedule may be approved at any time thereafter.



Revenue Summary

Unlike county or municipal governments, ONWASA is required to balance ongoing annual expenditures against ongoing annual revenues. The organization cannot use accumulated fund balance as an "ongoing annual revenue" to create a balanced budget. This is primarily a function of the general indenture documents associated with ONWASA's long-term debt. As a water utility, ONWASA must primarily depend on user fees for operating revenue, versus one-time revenue such as system development fees.

System Development fees are one-time sources of revenue. These fees fund capital improvements. Revenue from System Development fees are anticipated to be approximately \$3,750,000. By contrast, revenue from monthly user fees are forecasted to be approximately \$32,330,591.

All ONWASA customers are billed under a uniform water and wastewater rate schedule designed to fund operating needs. Water and wastewater rates are established to maintain required debt coverages and adhere to our rate covenants as outlined in the organization's general indenture.

Net revenues and certain other monies are pledged to the repayment of outstanding debt. Net revenue is defined as the excess of revenue over current expenditures. The majority of ONWASA's revenue is generated by the sale of water and the collection and treatment of wastewater and related services. ONWASA's primary revenue sources are summarized below:

Fixed (Base) monthly charges – Calculated to recover a portion of the costs of providing water and wastewater system facility capacity and repayment of annual debt service.

Volumetric water charges – Variable rate schedule calculated to recover the direct and indirect costs associated with water supply and treatment, water distribution and administration. This variable charge is applicable to all water accounts based on meter readings in thousand-gallon increments of water consumed. A volumetric charge is applied to the gallons used to distribute the charges more fairly to lower usage consumers.

Volumetric wastewater charges – Uniform rate schedule calculated to recover the direct and indirect costs associated with wastewater treatment and collection. This charge is applicable to all wastewater accounts based on water meter reading in thousands of gallons consumed.

Service initiation fees – The purpose of this charge is to defray the labor and administrative costs associated with the establishment of a water and /or wastewater account. This includes establishing service and account records for billing. Applicable to all accounts requiring field work, be it reconnecting service, reading the meter, or setting a meter.

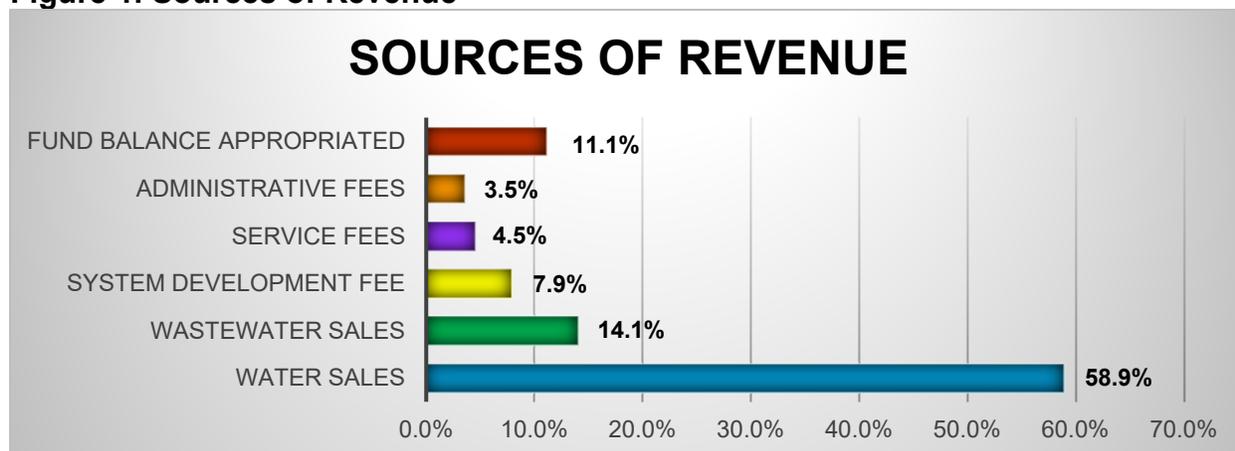
Tap fees – The charge is for making a service connection to ONWASA water and/or wastewater systems. The charge will cover the cost for time, materials and equipment plus allowance for overhead.

System development fees – Calculated to recover the cost associated with the capital investments made by ONWASA to provide water and wastewater services to future users of the system.

Key assumptions in developing the budget relate to water and wastewater revenue projections. Revenue projections are calculated using educated assumptions in addition to considering the annual amounts of debt service required. Demand for new service connections has remained constant and the current month-to-month consumption levels have been increasing, which provides stable revenue. Therefore, budgeted revenue, less fund balance appropriations, in FY24 is forecast to be approximately 17.6% higher than in FY24, including the Raftelis recommended 8% water and sewer rate adjustment.

As depicted in FIGURE 1, in FY24, 58.9% of total revenue is anticipated from water services while wastewater services are expected to generate 14.1%. Service-related fees comprise approximately 4.50% of total revenue. Fund balance appropriated is approximately 11.1% of total revenue and is used for non-recurring expenditures only (capital purchases). System Development fees and administrative fees contribute to the remaining 11.4%.

Figure 1. Sources of Revenue



Proposed Rate and Fee Schedule

Other than the 8% rate adjustment recommended by Raftelis Financial, we are also recommending changing the sewer tap fee. We average very few sewer taps that are installed directly by ONWASA personnel. Most are included with larger projects that are turned over to ONWASA upon completion. Due to recent experience with increasing costs associated with providing this service, it is recommended that we change the sewer tap fee from \$1,190 plus materials to simply cost plus 10%. This is identical to what the City of Jacksonville charges for both their water and sewer taps.

There will also be updates to the language related to After Hours, Weekends, and Holiday Service calls.

Also, due to the latest System Development Fee Study, we have proposed the maximum justifiable fees pending Board feedback at the required public hearing in June. Therefore, the System Development Fee for a ¾" water meter is \$2983, and Sewer tap in a ¾" water service is \$9099. For all other tap sizes see the attached proposed FY24 Rate and Fee Schedule.

Lastly, we also plan to update the wording on the Rate and Fee schedule to clarify how we bill multi-user or master meter accounts. In our research we have discovered that many utilities in our region bill on a per unit basis for the fixed/base water and sewer charges. Our rate and fee schedule alludes to this same method however we will ensure that its clear to our customers and readers. This will also be part of planned Utility Ordinance updates later this year. Beginning July 1, 2023, we will start the process to bring all our multi-user accounts to this same method of billing.

Proposed Changes to Fees:

Sewer Tap Fee

Current - \$1090 + Materials

Proposed – Cost Plus 10%

System Development Fees – See attached Rate and Fee Schedule.

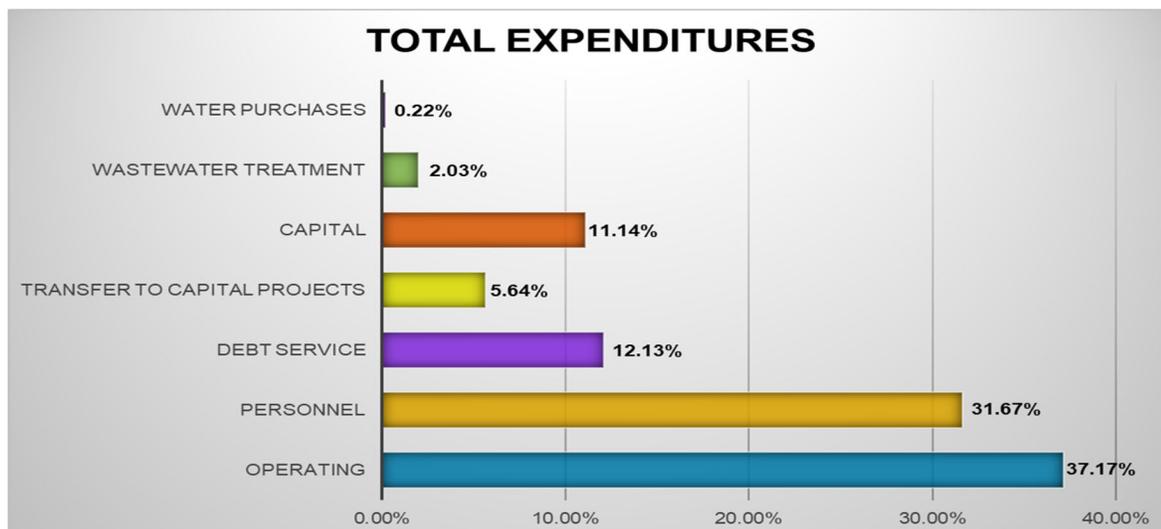
Expenditure Summary

Expenditures are classified in seven major categories. TABLE 2 demonstrates the breakdown of these categories as well as the applicable organizational division. FIGURE 2 depicts the planned personnel, operations, capital and debt service expenditures in total for ONWASA. The bar graph demonstrates the relative proportions of the total cost by major category of expense.

Table 2. Major Categories of Expenditures

Major Categories	Operation Division	Administration Division	Total FY 23-24 Budget
Operating	\$12,002,577	\$4,470,804	\$16,473,381
Personnel	7,725,469	6,311,015	14,036,484
Debt Service	0	0	5,376,176
Transfer to Capital Projects	0	0	2,500,623
Capital	0	0	4,936,780
Wastewater Treatment	0	0	900,000
Water Purchases	0	0	100,000
Totals	\$19,728,046	\$10,781,819	\$44,323,444

Figure 2. Total Expenditures



Debt Service Summary

The annual debt service amount of \$5,376,176 is scheduled to be funded from the operating fund. This amount has decreased by \$3,959 from last year. The annual debt service for FY 23-24 includes the following amounts:

- ◆ ARRA Loan \$12,403 (Dixon Wells)
- ◆ ARRA Loan \$12,101 (Dixon Waterline)
- ◆ CG&L Loan \$87,180 (Richlands I&I Project)
- ◆ CG&L Loan \$25,673 (Hudiberg and Hunter's Creek Projects)
- ◆ United States Department of Agriculture (USDA) Loans \$988,601 (Northwest Plant)
- ◆ CG&L Loan \$104,259 (Summerhouse WWTP)
- ◆ Public Drinking Water Loan \$273,523 (Dixon RO)
- ◆ 2016 Revenue Bond Refunding \$3,800,200
- ◆ Clean Water Loan \$72,236 (Western Onslow Trunk Sewer)

Debt in the form of Revenue Bonds is used to finance 80% to 85% of ONWASA's Capital Improvements. The remainder is funded with fund balance and ONWASA's replacement fund. ONWASA follows a 5-year financial planning model to forecast the need for borrowing. Portions of the following bond issues and loans are currently outstanding:

- ◆ CG&L Loan of \$.58 million
- ◆ CG&L Loan of \$.22 million
- ◆ ARRA Loan of \$.10 million
- ◆ ARRA Loan of \$.11 million
- ◆ USDA Loans of \$31.1 million
- ◆ CG&L Loan of \$1. million
- ◆ Public Drinking Water Loan of \$3.3 million
- ◆ 2016 issue of \$32.0 million
- ◆ Clean Water Loan \$.92 million

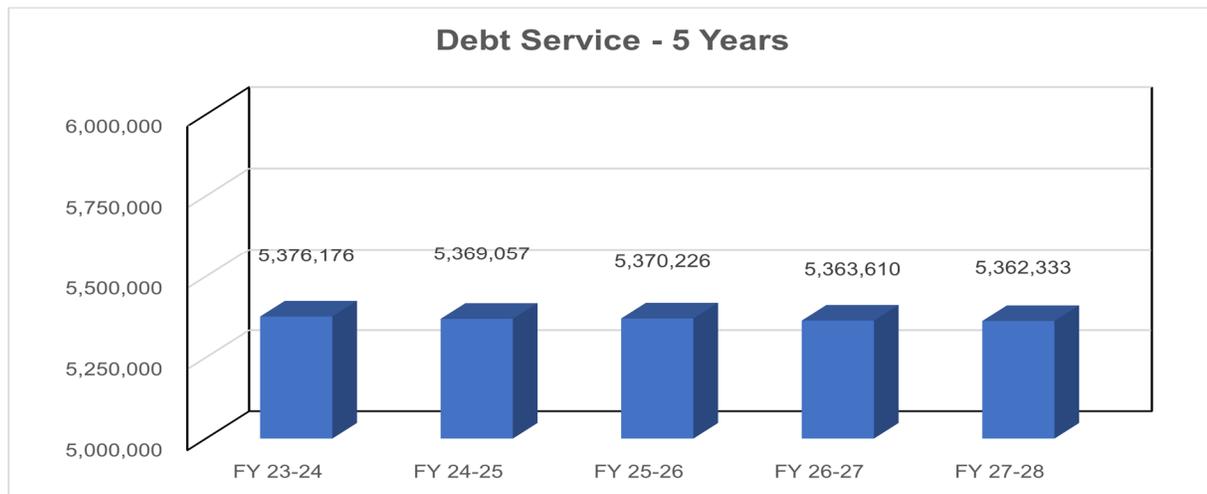
ONWASA's financial strength is based on annual debt coverage ratios. Although above the requirement to meet those coverages, ONWASA typically conserves approximately 5% of the operating budget.

The ratio of debt coverage to net revenue is an important measure of ONWASA's financial performance and helps monitor an appropriate level of debt. The ratio compares total net revenue, which is the excess of current revenue over current expenses, for a given year with the total debt service required in that year. ONWASA's bond order sets the minimum required debt coverage ratio at 1.0 without fund balance and 1.2 with fund balance. Below is the formula used to calculate the debt coverage ratio:

$$\frac{\text{Excluding 20\% of Fund Balance}}{\text{Net Revenue}} = 1.0 \quad \frac{\text{Including 20\% of Fund Balance}}{\text{Net Revenue}} = 1.2$$

$$\frac{\text{Net Revenue}}{\text{Debt Service Requirement}} = 1.0 \quad \frac{\text{Net Revenue}}{\text{Debt Service Requirement}} = 1.2$$

Because ONWASA issues revenue bonds, there is no statutory limit on the amount of debt, but ONWASA applies sound financial management principles in financing decisions. The next five years of existing debt service is depicted in FIGURE 3. This does not depict new debt incurred through new issuances, which will be necessary to construct the projects included within the Board-accepted CIP.

Figure 3. Existing Debt Service

Fund Summaries

Operating Fund

The Operating Fund of \$44,323,444 provides for personnel cost, debt service and general operations of the water and wastewater utility functions of ONWASA. ONWASA's customer base has now grown to more than 56,800 accounts. ONWASA's service population of approximately 153,883 people represents nearly three-quarters of Onslow County's total population.

Restricted Fund

The Restricted Fund of \$2,572,773, as provided in ONWASA's bond sale documents, was voluntarily established to ensure a specific amount of money for contingencies and debt service payment in case of and/or emergencies is always held in reserve. These funds are contained within and segmented from ONWASA's overall fund balance.

Replacement Fund

The Replacement Fund of \$2,504,151 is established by ONWASA's Bond General Indenture. These funds are to be used to pay the cost of extensions, additions, capital improvements, any extraordinary maintenance and repair costs or any expense which is not currently budgeted. Monies from this fund can also be transferred to Debt Service. The replacement fund usage was anticipated as ONWASA began its startup of system wide operations of the mergers of individual systems without raising rates. In the future, the goal is for it to be replenished by annual deposits from the collections of water and wastewater system development fees, so as not to use these fees for annual operating costs but for renewal of the fund. These funds are contained within and segmented from ONWASA's overall fund balance.

Growth in Both Population and Demand

Onslow County's economy continues to grow in both the residential and commercial sectors. Within the Sneads Ferry and Town of Holly Ridge areas there are projects

already underway to construct a total of 851 residential units, as well as several commercial and light industrial businesses planning to come to these same areas. Richlands is currently constructing an additional 33 residential units, however ONWASA is tracking multiple new developments in the area that will result in over 1,000 new homes when fully developed. Swansboro is continuing to grow as well, with the construction of an additional 130 residential units planned along with a new RV Park and new commercial developments. Housing in the county is in high demand with an average turnaround of 58 days for houses to be rented or sold. There are 3,504 permits in Onslow County for residential development; so far, 661 new Residential permits have been issued in this fiscal year to date. All these economic indicators show strong growth in the coming years for ONWASA.

The Development Services Section, which is responsible for review and approval of private development projects that connect to ONWASA water and/or sewer infrastructure, has approved 28 sets of plans for construction to-date in FY23. This combination of individual site plans and subdivision approvals includes 761 new service connections for a total of 1,588 new residential and 35 new commercial units. Currently, 12 additional projects are in review and will result in 1,188 new services for a total of 1,689 residential and commercial units at full build-out.

As another indicator of economic activity, meters for new water services are released for installation as residential projects are platted or commercial projects are constructed and approved by ONWASA for use. To date, a total of 883 new meter releases have been processed in FY23 for future services, with a projected total of up to 176 additional meter releases to be completed by the end of this fiscal year.

Customer water demand is increasing. There was a 5.7% increase in demand year over year for the last 12 months. Every indication is that the growth trend will continue. Over the same period, sewer gallons billed has increased 15.3%.

Public Servants

The FY 24 budget proposal includes sixteen (16) new positions out of a total of twenty-four (24) that were requested by Department Administrators during the budget process. The large number of positions originally requested is due primarily to the demands placed on existing staff to support a steadily increasing customer base over the years (7500 new metered water services since 2015) while keeping overall staffing levels virtually unchanged during the same period. The lack of sufficient “depth” in regard to staffing levels was also illustrated during the height of the pandemic, when having a couple of staff at any one facility out for an extended period was a significant hardship or meant more routine work (such as maintenance activities) had to be deferred. The positions requested include a full field crew, lift station crew, facilities maintenance crew, laboratory technician, accounting specialist, development services project manager, two water treatment plant operators, utility locator, and water quality compliance technician, in reflection of the need across multiple departments of the Authority for additional staff. This increase in staff is supported by the recent organizational assessment conducted by a third-party consultant, Raftelis. The increase of 16 positions keeps us on par with other utilities when comparing staffing to the total number of combined customers. At a rate of 450 customers per FTE, just the growth since 2015 supports this request. Up until last

year, our staffing level has remained relatively flat since ONWASA was first formed. The total number of positions at ONWASA will be increased to 147, broken down by the budgetary department as shown in TABLE 3.

Table 3. Positions by Department

Administration	2	Facilities Maintenance	6
Administration - Operations	5	Laboratory	4
Information Technology	7	Northwest Regional WRF	6
Finance	7	Southeast Regional WWTP	3
Engineering	7	Swansboro WWTP	2
Meters	16	Human Resources	2
Customer Service	16	Dixon WTP	7
Collections	17	Hubert WTP	7
Distribution	24	SCC	7
Water Quality	2		
Total Number of Permanent Positions - 147			



Retaining Highly Qualified Employees

ONWASA continues to attempt to maintain an acceptable position relative to what other regional utility providers are paying. Therefore, the complete employment package is continuously reviewed, and revisions offered as budget allows. We are seeking Board approval and support to implement the results of the Salary Study and Organizational Assessment prepared by Raftelis. We also seek to implement a step program within ONWASA's pay plan to allow employees to progress within the pay grade based on merit and time in position. Implementing the information gained from this study and assessment, along with the step program, will help us shape the organization's structure and enable ONWASA to be competitive in the marketplace.

Employee engagement and training has been and continues to be an essential practice at ONWASA to retain highly qualified employees. Communication and positive reinforcement with employees are also key approaches to ensuring that all employees are aware of their importance in the continued successful operations of the utility. The formal employee appreciation program ensures positive feedback is provided to employees for their consistent dedication and hard work. I have also conducted the first of many internal employee survey and feedback forms. Leadership will use this grassroots feedback to update policies and procedures that accomplish our mission all the while keeping the employees and customers at the forefront.

Being mindful of the Raftelis recommended rate adjustment and cap on operational increases, the proposed budget is very conservative. Management cut as many operational requests as possible without negatively affecting day-to-day operations. We did include 16 new full-time positions and a 4% COLA across the

board. There were a total of 24 new positions originally requested by all Departments, along with some additional position reclassifications. We had the team prioritize these position requests and decided to include the top 16 positions in the final FY24 budget request. ONWASA staffing levels have been relatively flat since its formation over 17 years ago. The request takes us from 131 to 147 FTEs.

The U S Bureau of Labor Statistics reports a Consumer Price Index (CPI) increase in its South Region, which includes North Carolina, of 5.3% between March 2022 - March 2023. See the attached report for reference. Therefore, as mentioned earlier, we are proposing a 4% COLA for all employees, despite being well under the current CPI. According to a recent survey of municipalities across the State and our region, we have seen an upwards of a 5% COLA being proposed. The team and our staff are grateful for the Boards consideration of this COLA request and are prepared to calculate the impact of any COLA adjustments the Board sees fit.

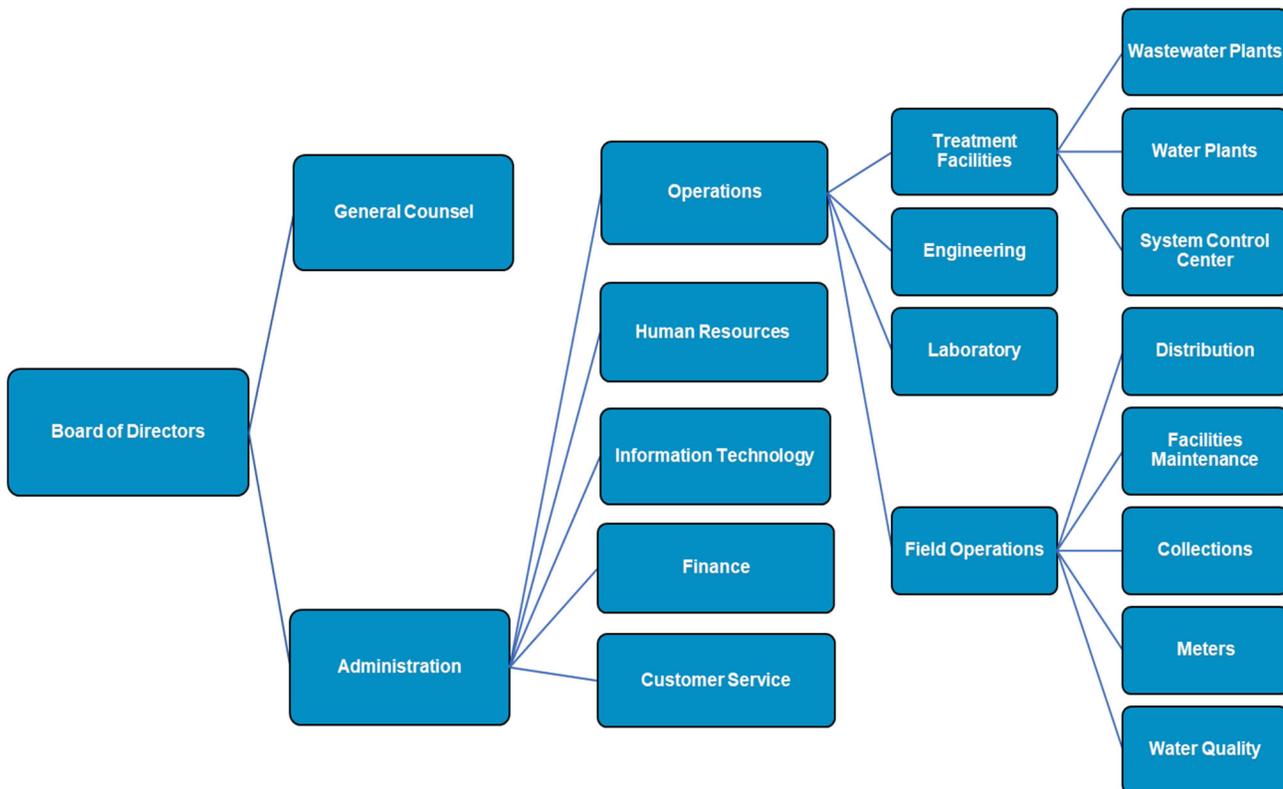
There are no further recommended changes to benefit levels.



Organizational Overview

The budget has been prepared with funding for 147 full-time positions. Sixteen new positions have been proposed, with additional funding set aside for more positions and/or reclassifications as we analyze the results of the organizational assessment now underway. A diagram depicting the table of organization of the utility is shown in FIGURE 4.

Figure 4. Organizational Chart





Proposed Capital Construction

As shown in FIGURE 5, ONWASA is divided into four “Service Areas” which total 445 square miles. Based on the current Capital Improvement Plan (CIP), projects will be underway in each of these Service Areas during FY24.

In general, capital projects that are scheduled to be under design and/or construction in FY24 can be classified into three main categories:

- ◆ Rehabilitation and/or replacement of existing facilities, including building roof replacements, sewage pumping station improvements, and water main aerial crossing removals.
- ◆ Expansion of existing service areas or production capacity to address growth, including new treatment plants, capacity upgrades to existing facilities, and new raw water supply wells.
- ◆ Planning for future construction projects, such as evaluation of existing sewage pump stations and feasibility studies for new facilities.

Work that is primarily maintenance and repair in nature, such as replacement of an individual pump or cleaning of wastewater holding lagoons, are not generally included within the CIP, but are found in the annual operating budget for the particular facility involved. Capital equipment purchases, including items such as specialty vehicles and pieces of equipment over \$5,000 in cost that are completed in a single year, are not part of the CIP. Proposed annual projects and equipment purchases may be found on TABLE 4.

Figure 5. Service Areas

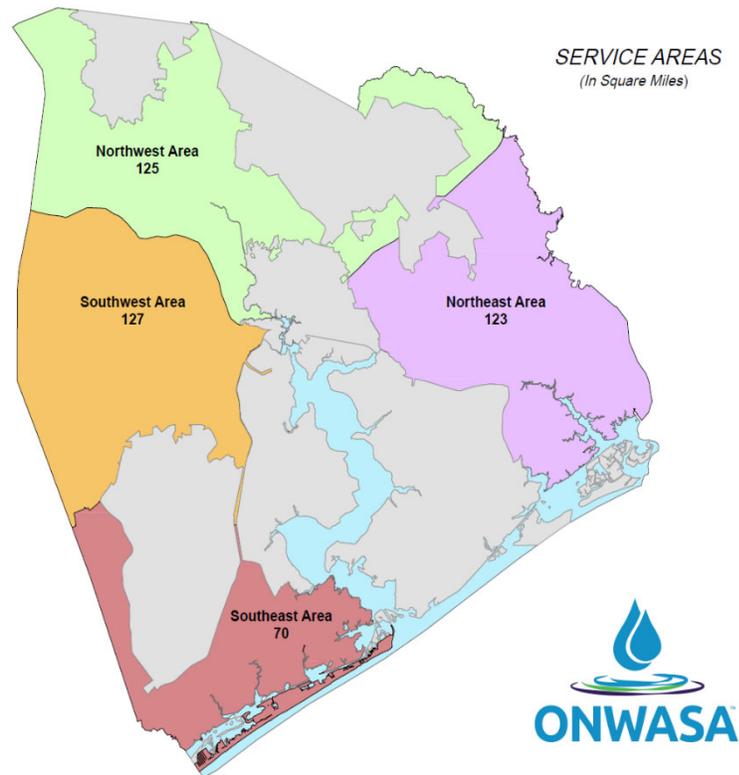


Table 4. Proposed Annual Capital Projects and Equipment - Summary

Proposed Annual Projects and Equipment - Summary					
Department	Amount				Totals
	Equipment	Vehicles	Technology	Other Improvements	
IT			\$559,500		\$559,500
Engineering		52,500			52,500
Meters	44,000	119,000			163,000
Facilities Maintenance	20,000	189,000		214,000	423,000
Collections	820,162	316,000		595,110	1,731,272
Dixon		84,000			84,000
Hubert		50,200		545,827	596,027
Northwest				30,000	30,000
Southeast	13,800	22,000			35,800
Distribution	593,000	579,000			1,172,000
Water Quality	7,181	82,500			89,681
Totals	\$1,498,143	\$1,494,200	\$559,500	\$1,384,937	\$4,936,780

Smaller-scope projects, that will typically take more than a single fiscal year to complete and are over \$5,000 in estimated cost, are no longer included in the proposed operating budget but have been shifted to the Capital Improvement Plan. Typical projects include: water main replacements; critical equipment (primarily pumps and motors) replacements; and, sewer main repairs or relocations. These smaller projects are bundled together within a general capital project titled *Water and Sewer Operational Improvements* that will allow time for completion as well as provide a dedicated source of funding.

Larger projects are included in the CIP of the utility. As mentioned earlier, this is a formal document that has been accepted by the Board of Directors and is generally developed and approved in concert with the annual operating budget.

Although the CIP is developed separately, it is directly funded through the utility's budget. ONWASA's normal process of budget and CIP development includes:

1. Staff, often working with outside technical consultants, identify projects necessary to meet anticipated future demand for water and sewer service, address areas of the system that are not performing adequately, or to replace facilities have reached the end of their useful service life.
2. Staff develops a draft CIP that reflects project priority, schedule for completion and estimated total cost.
3. Staff then provides versions of the draft CIP to outside financial analysts who determine probable funding source(s) and potential rate impacts.
4. The proposed CIP is reviewed against the financial considerations and revised as necessary.
5. The proposed budget is developed, considering the proposed CIP and rate impacts.
6. The proposed budget and CIP is provided to the Board of Directors for consideration, revisions and eventual approval.

The proposed FY24 budget has been created using an updated version of the most recent, Board-accepted CIP and associated Rate Study. The current Rate Study recommends an 8% increase in FY24 to meet the requirements of the CIP.

Under the present CIP and associated Rate Study ONWASA continues to work on multiple projects, with a major focus on wastewater treatment capacity improvements within the Northeast and Southeast Service Areas.

A full copy of ONWASA's current CIP, which reflects recent changes in some project schedules and estimated costs, is included as an appendix. Brief descriptions of the CIP projects currently scheduled for either design or construction activity during FY24 are included in this section.

Building Roof Replacements, CIP-001

Review and update a previous roof evaluation survey, determine priorities for additional roof replacement projects, and begin design work for the highest priority sites.

Water Main Interconnections Phase 3, CIP-003B

Completion of design and permitting for the next round of aerial crossings, which will replace exposed water mains over waterways with underground mains via horizontal directional drill installation. Overall goal is to eliminate all such crossings (more than 50 total) in the ONWASA system and increase resiliency after major storm events.

Summerhouse WWTP Interim Capacity Improvements, CIP-005

Completion of design, competitive bidding and construction of project(s) necessary to increase the permitted treatment capacity of the Summerhouse WWTP to address anticipated additional demand, until a permanent solution can be implemented (see CIP-028).

Highway 24 Wastewater Improvements, CIP-006

Completion of competitive bidding and beginning construction of a sewer force main and pumping station(s) along Highway 24 in order to connect the Swansboro area collection system to the Piney Green pump station. This will provide additional treatment capacity in the Swansboro area by sending all flow to Marine Corps Base Camp Lejeune for treatment under an existing agreement with ONWASA.

Emergency Power Systems Upgrades, CIP-011

Completion of design, competitive bidding and construction of multiple projects to permanently mount portable generators, install automatic transfer switches and add larger fuel storage tanks at remote locations, focusing on raw water well sites and potable water booster stations. This is part of a multi-year effort to better prepare these facilities for future long-term power outage events.

Pumping Station Assessment/Rehabilitation, CIP-016

Completion of a three-year program to conduct field inspections, perform condition assessments and prioritize rehabilitation projects for the 76 sewage pumping stations currently operated by ONWASA. The data gathered will be used to estimate future capital improvement project needs and will serve as the first phase for a future asset

management program. This also includes beginning design work for the Mount Pleasant Pump Station, which is a high priority due to its location next to a major water body in the Northeast Service area.

Highway 24 Regional Trunk Main Replacement, CIP-017

Completion of easement acquisition and permitting for the construction of a new larger-diameter water transmission water main connecting the Hubert Water Treatment Plant with a booster pumping station in the Piney Green area. The existing trunk main has experienced several failures in recent years and this condition effectively limits the amount of water that can be moved from the plant to other portions of the distribution system.

Union Chapel Wells/WTP/Storage Facility, CIP-025

Completion of site analysis and process/facility preliminary design for a future water treatment facility to be located within the Northwest Service Area. This facility would help address the steadily increasing demand for potable water due to growth in the region, and also increase the resiliency of ONWASA's water supply system in the event of an issue at one of our other treatment facilities.

Southeast Wastewater Treatment Plants Capacity Improvements, CIP-028

Completion of design, permitting, and competitive bidding of construction contract(s) to provide increased wastewater treatment capacity in the rapidly growing Southeast Service Area. Options currently under evaluation include a new treatment plant (to replace two existing facilities), or the construction of force mains and pumping stations to send flow to another existing facility in the area for treatment.

Topsail Island Booster Station, CIP-032

Completion of design, permitting, competitive bidding for the construction of a booster pumping station located on the main transmission line on the island. This station will be used to maintain distribution system pressure on Topsail Island during periods of high customer demand.

Hargett Street Wastewater Pump Station Rehabilitation, CIP-033A

Completion of easement acquisition, competitive bidding and starting construction of a project to remove the existing pump station and replace it with gravity sewer lines/manholes that will direct influent flow to another nearby ONWASA pump station.

Shore Drive Wastewater Pump Station Rehabilitation, CIP-033B

Completion of design, competitive bidding and construction for rehabilitation and protective coating of the interior masonry wet well and an adjacent brick manhole, along with replacement of deteriorated discharge piping and repairs or replacement of pump station controls and equipment.

Piney Green Sewer Phase 2 – Hickory Grove Lagoon Closure, CIP-034

Completion of competitive bidding and construction of a project to demolish legacy treatment equipment and stabilize the lagoon water level at this former wastewater treatment site. This work will allow the site to be formally closed and the operating permit revoked, as flow previously going to this facility is now pumped to the Piney Green Road force main.

Hurricane Florence

Completion of construction for the final project associated with recovery from flood damage sustained by the Northwest Regional Water Reclamation Facility during Hurricane Florence. This project consists of electrical system reconstruction (including an elevated distribution and controls center), and hazard mitigation improvements to protect critical systems and allow for a shorter recovery period after a future flood event.

Water and Sewer Operational Improvements

Complete design and permitting for multiple smaller projects to address existing system deficiencies at various locations and facilities.

Progress Report

Some units of local government develop annual budgets with management messages that provide either a brief introduction to financial information or which restate or simply summarize proposed revenues, expenditures, and funds. While this meets the letter of the law, it does not take advantage of the opportunity that a budget message presents to provide readers with an update on the improvement of the organization.

A budget message is an opportunity to convey the positive story of an organization to those that likely care most about it. For this reason, ONWASA is pleased to expand its budget message to provide progress reports and information on major work initiatives. Staff is pleased to provide:

1. An update on major FY23 initiatives, which were identified in last year's budget message
2. Progress toward the major goals identified within ONWASA's Strategic Plan
3. Identification of new major work initiatives for FY24

Update on Major FY23 Initiatives

Last year, ONWASA's leadership team identified the following improvements to be targeted during FY23. A status report follows each item.

Continued Cyber-Security Enhancement. ONWASA will further enhance its cyber-security by implementing the next-generation firewall security system that has already been selected and purchased in FY20.

Status: One additional improvement has been completely implemented.

Next Generation Firewall install and implementation – ONWASA has completed the initial installation and implementation of a Palo Alto Networks next generation firewall appliance and virtual private networking (VPN) system. This system is the backbone of ONWASA's cyber-security enhancements. This system improves authorized accessibility to the ONWASA network to all of the remote site locations, to include the main office, Water Treatment Plants, Wastewater

Treatment Plants, member government Town Hall sites and various other field operational sites such as water tanks, water wells, and sewer pump stations. This robust new updated firewall system is a next generation type of system designed to prevent threat actor intrusion, viruses, and malware. This technology makes better use of whitelisting, blacklisting, and scanning of applications approved to run on the network.

Continuity of Computing Operations. ONWASA will continue to shift its regular PC replacement program into laptops to allow “anywhere” computing for employees. The cost to do so is minimal.

Status: All critical ONWASA staff now have mobile laptops with the ability to securely work from any remote location providing an adequate internet connection. This provides greater flexibility for disaster events that might prevent staff from working in the office.

A third data center has been created and is operational with the construction of the new Laboratory building – This room has been designed as a weather hardened room to provide better protection to critical IT infrastructure during major storms. This room will also allow ONWASA to spread load its critical IT infrastructure throughout different buildings at the main site and other remote sites to improve redundancy and disaster-recovery options for various disasters.

Recreate Non-Critical Databases. ONWASA will work to recreate non-critical databases, such as the large-format construction drawings database.

Status: Ongoing. While not specifically a database, Development Services has begun scanning hard copy files to recreate at least a portion of the archived documents from more recent private development projects that were lost in the cyberattack as well as large-format construction drawings that provide as-built system information.

Robust Infrastructure. Continue design and construction of multiple projects to improve generator and fuel supply infrastructure, replace roofs and distribution system aerial crossings, and improve connectivity for resiliency during and after natural disasters.

Status: Ongoing. Information on specific projects follow:

Generators - Projects to pad-mount generators and provide larger fuel tanks to increase operating duration have been completed at several Black Creek well sites, and funding for work at additional well locations is included in the proposed Capital Improvement Plan.

Roof Replacements - Roof replacements have been completed at several existing well sites in addition to the Main Office Administration Building. Updated evaluations and setting of priorities for the remaining facilities will occur in this

budget year. This is part of a long-term effort to replace existing roofs that are nearing or at the end of their lifespan.

Aerial Crossings - ONWASA continues to investigate potential external funding sources to support an initiative to replace approximately 45 water main aerial stream crossings, which are highly vulnerable to flood and debris damage during storm events, with underground piping via horizontal directional drill techniques.

Northwest Plant Reconstruction. Complete reconstruction and flood mitigation activities at the Northwest Regional Water Reclamation Facility.

Status: Substantial completion for the second major construction project at the Northwest Regional Water Reclamation Facility (electrical system replacement and hazard mitigation improvements) is scheduled for August 2024. This is the final recovery project associated with the Hurricane Florence event.

Laboratory. Complete construction of the new water chemistry laboratory at the central office complex, transfer all existing equipment and personnel, and begin daily operations in the new facility.

Status: Construction of the new lab facility has been completed and it is now fully operational.

Warehouse. Complete construction of the new parts warehouse at the central office complex, transfer stored materials and begin daily operations in the new facility.

Status: Construction of the new warehouse has been completed and it is now fully operational.

Wastewater Solutions. Complete design, permitting, easement acquisition and begin construction of projects to provide capacity improvements in the Swansboro service area, along with completing design and permitting of projects to provide capacity improvements in the Southeast service area.

Status: (Swansboro): Design for projects to construct force mains and pumping stations connecting Swansboro to the Piney Green pumping station are currently 90% complete and permit applications have been submitted. Bidding and the start of construction is anticipated by the end of 2023.

Status: (Southeast): Design for projects to construct a new treatment plant, effluent disposal site and force mains/pump stations to serve this facility are currently 90% complete and permit applications have been submitted. A schedule for construction was not established at the time this was prepared.

Water Solutions: Complete design, permitting, and easement acquisition for the Highway 24 Regional Trunk Main Replacement project, as well as beginning work on a source water master plan that will double raw water supply over the next ten years.

Status: Design work is 90% complete for the Regional Trunk Main Replacement project, however a schedule for securing all permits, bidding and construction has not been determined pending the securing of utility easements from Marine Corps Base Camp Lejeune. Work on the source water master plan is now underway, with up to three test wells scheduled for construction in 2023, testing of a potential surface water source being planned and a contract for additional water system modeling being prepared.

Ordinance Updates: Complete language and supporting documents necessary to create a draft Sewer Use Ordinance, distribute for internal/external review, and prepare a final version to be submitted to the ONWASA Board of Directors for consideration.

Status: Work was delayed on this item by other priorities and it is being carried forward as an FY24 Initiative.

Strategic Plan Progress

Within a strategic plan, goals represent the most important issues that must be addressed to achieve the desired future. ONWASA's goals were formed to address the factors that are most critical to the organization's future success.

The Authority's strategic plan goal (in blue) is followed by an update on actions related to that goal that took place in the past 12 months.



Workforce Development. A high performing workforce requires individuals who are skilled and dedicated. Accordingly, ONWASA will attract, retain, motivate, manage, and reward exceptional employees who make significant contributions to its success.

Progress: The commitment to attracting, developing, and retaining a professional, highly skilled engaged and versatile team is on-going.

ONWASA will continue to focus on maintaining employee trust, communications, wellbeing, engagement, safety, and performance during the upcoming year. The navigation through the changes to the work environment and people management continue to be an integral part of the hiring and retention of qualified employees. The workplace of today has changed significantly and ONWASA management will be reviewing opportunities to encourage employee's career development through collaboration between staff and management. ONWASA is evaluating alternative work schedules and flexible scheduling such as allowing a certain amount of remote work days for positions that can allow for such flexibility while remaining productive for ONWASA. This is in an effort to create a work environment that allows for a good work life balance.

Review and enhance the hiring and onboarding processes

The hiring and onboarding processes are being continuously reviewed for possible revision to enhance the hiring process by providing prospective employees greater ease and confidentiality of applying for positions within ONWASA and being able to see the status of their employment applications.

This year Human Resources is actively recruiting potential candidates through participating with partner agency in community career fairs and revising job announcements based on current employee feedback. ONWASA has continued to hire but the average time from job post-to-offer date has slowed significantly which is consistent with the current local and national environment. Human Resources will continue to monitor and benchmark data.

Human Resources is transitioning back to the normal onboarding program which includes orientation, training, facility tours, departmental leadership personnel meeting with the new hire to provide expectations as well as a meeting with the CEO which includes customer service expectations, as well as an organizational values brief.

Develop a formal employee appreciation program to recognize excellent service

Employees continue to be recognized for excellent service by the CEO via public recognition amongst their peers as well as a memo to their personnel file. The employee may also be awarded varying amounts of annual leave as appreciation for extraordinary service.

Formalize career paths and individual professional development plans

This initiative is a continuous process. ONWASA has career paths in place due to certification, education and training requirements for each position as indicated on the job description.

The Chief Human Resources Officer will also continue to work in tandem with the department heads to review individualized professional development plans for employees and supervisors and will be collaborating with Coastal Carolina Community College continuing education division to conduct specialized leadership training.

Create opportunities for employees to participate in cross-functional teams

Cross-functional teams are an integral part of ONWASA's daily operations and opportunities for employees to participate is continually being reviewed.



Enhanced Customer Experience. The ONWASA team recognizes the importance of communicating with customers and showing genuine interest in solving their problems. This is done with superior service that fulfills needs and provides lasting value.

Progress: The Customer Service team monitors the Customer Service Survey results to respond to customer needs. Survey results continue to show an improved rate of customer satisfaction.

Customer service accomplished the following improvements in FY23 to improve the customer experience:

- Developed a mobile application for more convenient customer account and payment information to be released by the end of FY 23.
- Added a supervisor position to provide specialized training and assistance to Customer Service Representatives and customers.
- Improved the online service application in response to customer feedback.

ONWASA Customer Service continues in FY24 to respond to customer feedback and explore options to better serve customers through the following:

- Improve automated call out processes and messages.
- Creating videos to assist customers with their bills and accounts.
- Review and improve customer educational resources.
- Exploring additional self-service locations for real time customer payment options 24/7/365 at no additional cost to the customer.
- Rejuvenate the Customer Service training for all ONWASA personnel.



Communication and Partnership. ONWASA has committed to maintaining effective internal and external partnerships in furtherance of its mission and vision. Ensuring the utility's success requires strong, consistent communication through a variety of mediums.

Progress: Communication has improved both internally between employees and externally with customers. Partnerships have also been enhanced over the past year.

Improve Internal Communications

ONWASA now has two separate incoming fiber internet connections. One from Spectrum and one from Century Link. This has provided a significant increase in internet speeds as well as a viable back up internet connection for critical business processes. We have taken efforts to physically separate the two dedicated fiber-optic internet connections into two separate areas of the building to provide better redundancy.

ONWASA continues to partner with the City of Jacksonville, Onslow County Government, and Coastal Carolina Community College to maintain a new fiber optic cable link from Georgetown Road connecting to the City of Jacksonville's existing fiber-optic network. This new link allows ONWASA to have a hard-wired link to the Onslow County Emergency Operations (EOC) complex at the Jacksonville Town Commons area. This link allows us to continue partnership opportunities and to access other areas of the County with dark fiber into the future.

Next Generation Firewall install and implementation – ONWASA has completed the initial installation and implementation of a Palo Alto Networks next generation firewall appliance and virtual private networking (VPN) system. This system is the back-bone of ONWASA's cyber-security enhancements. This system improves authorized accessibility to the ONWASA network to all of the remote site locations, to include the main office, Water Treatment Plants, Wastewater Treatment Plants, member government Town Hall sites and various other field operational sites such as water tanks, water wells, and sewer pump stations.

The ONWASA Mitel Voice-Over IP phone system has now been fully converted from old copper wiring to fiber-optic internet transmission protocols. This has resulted in faster, more reliable call center communications.

ONWASA upgraded to a Mitel call center with softphones giving Customer Service Call Center Agents the ability to use software loaded on their laptops as their phone system, which eliminates the need for a physical phone set. This has provided much needed portability during the pandemic.

All critical ONWASA staff now have mobile laptops with the ability to securely work from any remote location providing an internet connection. This provides greater flexibility for disaster events that might prevent staff from working in the office.

ONWASA has installed 45 cellular based modems with externally mounted antennas in service vehicles and crew trucks to enable secure communication with the ONWASA network. This enables Service staff and Crew Leaders real-time access to service orders, Geographical Information Systems (GIS) information, and the ability to access and update customer outage information in the field.

ONWASA has continued efforts to encourage the use of SharePoint and Teams sites, and OneDrive. These tools proved valuable for sharing information while team members worked remotely during the pandemic.

External Communications

ONWASA continues to partner with the City of Jacksonville, Coastal Carolina Community College, and Onslow County to maintain the fiber optic cable connection that will go from the ONWASA Main Office to Highway 17 to connect into existing COJ fiber-optic infrastructure. This connection was completed in November of 2021. This connection enables ONWASA to have a “hardwire” communication tunnel which provides a reliable, redundant connection that is currently also handled by way of a wireless point-to-point telemetry system for our SCADA system. This fiber-optic connection will also help to enable future opportunities to connect into partnering dark fiber network connections inside the City and County if needed.

Continued efforts in improving communications with our ONWASA customer base include an increased social media and web-based presence. Administration, along with the Customer Service Department have greatly increased the ability and frequency of communicating directly with our customer base through Facebook, the ONWASA website, and Blackboard Connect. Blackboard Connect is a mass communication customer call out system for water outage, account payment and disconnect notices and other high priority communications with ONWASA customers. TABLE 5 provides communication statistics.

Table 5. Customer Contact Statistics

Contact Method	April 2022	June 2022	February 2023	March 2023
Facebook Followers	2,324	2,354	2,459	2,499
Blackboard Connect- Total Phones Called	7,307	10,665	8,315	21,974
Blackboard Connect – Total Unique Messages	41	48	66	74
Website Visitors	29,873	23,892	21,781	26,614

In addition to the above electronic communications, the CEO produces a monthly hardcopy newsletter that is sent to all customers that receive a paper statement. Copies of this fiscal year's newsletters are included as an appendix.

Increase community involvement, stakeholder engagement, and partnerships

ONWASA employee donations of toys and canned food were made to Christmas Cheer as well as to the CHEW! Program to help hungry kids in the community. ONWASA employees will be encouraged to participate more in the ONWASA Community Support Program. This program, that we refer to as ONWASA Cares, creates community engagement opportunities for ONWASA employees that are meaningful, purposeful and helps those in need. As an example, employees recently showed their support for community programs such as National Day of Prayer and Purple Up for the Military Child.

ONWASA has partnered with the Swansboro and Jacksonville Chambers of Commerce as well as the Onslow County School System to make presentations to the community through business expos and job fairs about water resources, the science of water, and the public services ONWASA provides. ONWASA laboratory staff have recently volunteered at Sturgeon City Environmental Education Center's science fair.

ONWASA's CEO was appointed to the Military Affairs Committee. The purpose of the Military Affairs Committee of the Jacksonville-Onslow Chamber of Commerce is to maintain and continually improve the relationship between the military and civilian communities. ONWASA strives to be a key community partner and is honored to be represented on this important committee. The CEO is also an active member of the Jacksonville Rotary Club.

Following the discovery of PFAS aboard the Marine Corps Outlying Landing Field Camp Davis South, the CEO was invited to participate in the Camp Lejeune PFAS Task Force.

ONWASA staff also participate in the Onslow Regional Water Resources Group that consists of representatives from ONWASA, the City of Jacksonville, and the Base. The goal of this regional group is to promote active communication among the partners across Onslow County as it relates to water and sewer needs.



Financial Stewardship. Operating a utility is a resource-intensive endeavor, which depends on appropriate operating and capital funding. ONWASA is committed to utilizing its financial resources in a strategic and efficient manner.

Progress: ONWASA completed and implemented recommendations from the 2018 Rate Study starting with the adoption of the FY19 budget. The 2018 Rate Study was revised in FY21 after the Board updated the CIP. The Rate Study identified and communicated the revenue required for operations and the accepted CIP for the next five years. In accordance with the rate study an 8% rate increase for utilities is proposed.

ONWASA continues to explore alternate sources of revenue with minimal increases to operating costs. ONWASA is proceeding with multiple interlocal agreements to sell potable water. The Interlocal agreement already in place with the City of Jacksonville for areas where it is ONWASA water lines and the City of Jacksonville sewer lines. ONWASA also serves part of the Pender County Water System in the Maple Hill area with an inner connection. With the strong growth in the area, more opportunities for shared resources are expected to arise in the future.

ONWASA will explore the idea of selling timber from two of its larger tracks of land during the next fiscal year. This could bring in a steady stream of alternative revenue for years to come. In FY 23 we received over \$300,000 in revenue from timber sells.

Purchasing processes are being reviewed to reduce equipment, materials and construction costs that have increased from nationwide supply shortages. ONWASA is also exploring the idea of expanding our interlocal agreements to include Onslow County in ways that may save cost on fuel and vehicle maintenance.

ONWASA will continuously review all sources of revenue as well as key business processes to ensure we are maintaining affordable rates and our bond rating.

ONWASA is also exploring the idea of purchasing a large private sewer provider in the County. One of the main decision-making factors is the financial feasibility of such a purchase. The only way we would take on such a task is if it was a good business and financial decision and would not negatively impact our current customer base. Ultimately, the economies of scale will prevail in that customers on both sides will benefit in the long term. With that being said, there may be future private system acquisitions that would make good financial sense to consider for our customers and the citizens of Onslow County.



Reliable and Sufficient Infrastructure. ONWASA is proud of its work on existing infrastructure system and the new infrastructure under construction. A continued focus on developing and maintaining as sustainable infrastructure that will meet customer needs now and, in the future, will be critical to success.

Progress: Progress on this goal is measured primarily through the successful and timely completion of projects within the original ONWASA Ten Year CIP originally adopted in May 2018, then updated in Fall 2020 and again as part of the FY24 budget process. Despite significant impacts to project schedules caused by various outside factors (Hurricane Florence and the COVID-19 Pandemic being the two most significant),

progress on design and/or construction has been made on all projects listed in the first four years of the CIP.

CIP projects for which construction and final acceptance will be completed in FY23 or in early FY24 include: the new water chemistry laboratory addition, roof replacement and warehouse at the Main Office facility; the Heather Loop Road Gravity Sewer Improvements project; and the final Hurricane Florence recovery and hazard mitigation project at the Northwest Regional Water Reclamation Facility. Planning and/or design work is also underway for multiple CIP projects, including work involving three different wastewater treatment facilities; a regional trunk water main; pump station rehabilitations; and the Topsail Island booster pumping station.

It is important to note that the above information provides a brief overview of efforts being undertaken through ONWASA's Capital Improvement Plan

FY24 Major Work Initiatives

The following major work initiatives are currently planned for FY24.

Meridian. Implement upgrades for financial and billing software to include more mobile functionality for employees and customers.

Wastewater Solutions. Complete design, permitting, easement acquisition and begin construction of projects to provide capacity improvements in the Northeast and Southeast Service Areas.

Water Solutions. Complete easement acquisition and permitting for the Highway 24 Regional Trunk Main replacement project, as well as completing work on a source water master plan and begin implementation of selected projects (test well installations, Dixon WTP expansion).

Robust Infrastructure. Continue design and construction of multiple projects to improve generator and fuel supply infrastructure, replace roofs and distribution system aerial crossings, and improve connectivity for resiliency during and after natural disasters.

Northwest Plant Reconstruction. Complete reconstruction and flood mitigation activities at the Northwest Regional Water Reclamation Facility.

Utility Ordinance Updates. Complete language and supporting documents necessary to create a draft Sewer Use Section within our Utility Ordinance, distribute for internal/external review, and prepare a final version to be submitted to the ONWASA Board of Directors for consideration. Also begin review of the current Manual of Standards, Specifications and Details (MSSD) with the goal of having a draft update done by the end of FY24. This will be part of an overall all Utility Ordinance update and rewrite with the assistance of an outside consultant. Several amendments have been made over the years, the goal is to update the ordinance into one updated document that provides the legal structure needed to perform the mission and work of ONWASA.



Informing ONWASA's Customers

It is important that the customers of ONWASA be informed about the proposed budget of ONWASA. With proper information, the public can provide beneficial feedback to the Authority. For this reason, multiple opportunities for public input will be provided.

To help ensure the safety of the public through social distancing, the full budget is available for public review online. The budget may be viewed at www.onwasa.com.

Customers may submit budget comments by email at "budgetcomment@onwasa.com" Customers may also submit comments by US Mail to the following address:

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

The Board of Directors is required by North Carolina General Statutes to make no decision on the proposed budget until after a formal public hearing on the proposed budget. The public hearing will be advertised per state statutes. All comments on the proposed budget will be compiled in an unedited format and presented to the Board of Directors for their review prior to the public hearing.

Staff recommends the public hearing on the proposed FY24 budget take place at the regular meeting of the Board of Directors in the Council Chambers of Jacksonville City Hall, 815 New Bridge Street, Jacksonville on Thursday, June 15, 2023.

Conclusion

As you can see, this proposed budget grants the resources needed to continue organization-wide improvements and operations. It must be emphasized that the proposed budget was made possible through the efforts of staff at all levels of the organization. Special recognition should be given to the entire staff within Finance, Human Resources, Information Technology, Operations, as well as the Clerk to the Board. Over the years our Team has been trained and encouraged to only make realistic and necessary budget request. Because of that, the Budget process becomes more effective every year. You can be assured that if a request has made it through our planning process it has been properly scrutinized by the entire Leadership Team.

ONWASA staff members are ready to provide additional research and/or documentation on any aspect of this budget to the Board of Directors upon request. While these have been challenging times for everyone, ONWASA is confident that we will not only continue operations but will also make advancements in both resiliency and service to our customers.

Respectfully Submitted,



Franky J. Howard
Chief Executive Officer



Dawn Taylor (Acting)
Chief Financial Officer



David Mohr
Chief Operations Officer



Joetta Guist
Chief Human Resources Officer



David Bergman
Chief Information Officer



Tina Ryle
Chief Customer Officer

MESSAGE APPENDIX

- 2023 CAPITAL IMPROVEMENT PLAN UPDATE
- MONTHLY NEWSLETTERS (MAY 2023-JUNE 2022)
- PROPOSED FY24 BUDGET ORDINANCE
- US BUREAU OF LABOR STATISTICS CPI REPORT



ONWASATM

No.	Project Description	Type	Service Area	YEARS 1-5 CAPITAL IMPROVEMENT NEEDS						YEARS 6 - 10		
				FY23	FY24	FY25	FY26	FY27	FY28-32	Project Total		
	Buildings/Misc. Operational Projects											
CIP-002A	Laboratory Addition (C only)	R	Central Office	300,000								300,000
CIP-002B	Parts and Equipment Warehouse (C only)	R	Central Office	50,000								50,000
CIP-035	Water & Sewer Operational Improvements (D+C)	R	Various	600,000	1,500,000		1,500,000				4,500,000	8,100,000
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			1,500,000	4,965,822
	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	206,815	75,000	1,000,000	1,500,000	3,000,000			11,250,000	17,031,815
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	Stump Sound	50,000	1,683,180							1,733,180
CIP-017	Highway 24 Regional Trunk Water Main (D+C)	R	Swansboro	50,000	1,500,000	10,250,000	10,250,000				1,500,000	22,050,000
CIP-003	Water Main Interconnections, Phases 3 - 7 (D+C)	R	Various		300,000		500,000					2,300,000
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	Swansboro								5,400,000	5,400,000
CIP-019	Rocky Run Road Water Main Upgrades (D+C)	R	White Oak								6,500,000	6,500,000
	WASTEWATER SYSTEM											
	Northwest Regional Water Reclamation Facility											
N/A	Hurricane Florence Recovery (C only)	R	Richlands		1,963,807							1,963,807
	Southeast Regional WWTPs											
CIP-005	Summerhouse Interim Capacity Improvements (D+C)	R	Stump Sound	8,200	3,082,900							3,091,100
CIP-028	Capacity Improvements (Project To Be Determined)	E	Stump Sound									0
	Swansboro WWTP											
CIP-006A	Hwy 24 Utility Improvements - Wastewater Force Main (D+C)	E	Swansboro	300,000	8,000,000	18,000,000	4,130,000					30,430,000

No.	Project Description	Type	Service Area	YEARS 1-5 CAPITAL IMPROVEMENT NEEDS					YEARS 6 - 10		Project Total
				FY23	FY24	FY25	FY26	FY27	FY28-32		
	WASTEWATER SYSTEM (cont.)										
	Wastewater Collection System - Renovation										
CIP-007	Heather Loop Road Gravity Sewer Improvements (C only)	R	White Oak	226,104							226,104
CIP-016	Pumping Station Assessments/Rehabilitation (D+C)	R	Various	132,200	500,000		1,000,000			3,000,000	4,632,200
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	White Oak		227,927						227,927
CIP-036	Mount Pleasant Road Pump Station Relocation (D+C)	R	Swansboro		178,030	1,000,000					1,178,030
	Wastewater Collection System - Expansion										
CIP-008	NW Plant - Kenwood/Bishops Ridge Service Extension (D+C)	E	Southwest							5,800,000	5,800,000
CIP-020	NW Plant - Liberty Park Road Service Extension (D+C)	E	Southwest							2,700,000	2,700,000
CIP-021	NW Plant - Hill Farms Service Extension (D+C)	E	Richlands							4,600,000	4,600,000
CIP-022	NW Plant - Denise Dr/Greystone Dr Service Extension (D+C)	E	Southwest							4,000,000	4,000,000
CIP-029	NW Plant - Plum Point Sewer Extension (D+C)	E	Southwest							4,400,000	4,400,000
CIP-030	Piney Green FM - Birchwood Park Service Extension (D+C)	E	White Oak							1,400,000	1,400,000
	Totals			\$1,923,319	\$21,850,912	\$34,146,652	\$21,130,000	\$45,000,000	\$172,550,000	\$296,600,883	
									Total: Years 1-5	\$124,050,883	

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

THE FLOW

CUSTOMER NEWSLETTER

May 2023 Edition 228 Georgetown Road, Jacksonville, NC 28540 (910) 455-0722 www.onwasa.com



FROM THE DESK OF

FRANKY HOWARD, CEO

The Value of Partnerships!



**NATIONAL
MILITARY
APPRECIATION
MONTH**



Drinking Water Week 2023
May 7-13, 2023

For more than 40 years, the Month of May has been host to National Drinking Water Week. ONWASA and partners throughout North America today kicked off Drinking Water Week, a decades-long tradition led by the American Water Works Association. Taking place May 7-13 this year, Drinking Water Week is a celebration recognizing the vital role water plays in everyday life for both water professionals and the communities they serve.

ONWASA is observing Drinking Water Week by inviting the public to learn about how truly vital clean, safe water is in daily life and its role in protecting public health and the environment now and in the future. This year, Drinking Water Week encourages participants to recognize and honor the critical work that water professionals accomplish around the clock to deliver quality tap water while bolstering resilience for water in the future.

"Access to clean, safe drinking water is vital to our daily health, hygiene, and hydration," said American Water Works Association CEO David LaFrance. "Professionals in the water sector work tirelessly to ensure we have affordable access to the high-quality water we need to strengthen our everyday life and broader communities today and in the future."

To commemorate the week, water utilities, water organizations, government entities, environmental advocates, schools and others throughout North America and beyond are encouraging consumers to learn more about the importance of water services and water infrastructure, especially in times of crisis.

May is also National Military Appreciation Month. Last year I highlighted the major impact the Military has on Onslow County. That is true still today and will continue to be for many years to come so long as the community continues to embrace the Military as the great community partner that they are. Here at ONWASA we are grateful for the partnerships we have had with Marine Corps Base Camp Lejeune and Marine Corps Air Station New River. As a regional utility provider, it is imperative that we have great partnerships with other utility providers in the area.

As I was scrolling through the many National holidays for May I came across a reminder that May is also National Foster Care month. My wife and I are licensed foster parents and have been for over 2 years now. In that time frame, we have cared for 6 different kids, 4 of which were infants. In March we adopted our second foster baby that we had

-CONTINUED ON PAGE 2

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with us for two years in April. It has been a blessing and a challenge for our family. I only mention to try and encourage anyone that may be on the fence about taking the next step to become a foster family. Onslow County and the State are in great need to more foster families. Reach out to the DSS today or do like we did and try Children's Home Society.

I hope May 2023 is great for all our customers and consumers this year. Know that your staff and team here at ONWASA are working hard to provide you with the best quality drinking water and customer experience you expect to receive. As always, we value your input and feedback; please take the time to respond to survey opportunities or simply reach out to us directly. This is also a great time to make sure your contact information is up to date with our Customer Service department. We need this information so that we can make contact with you for important account and service-related matters.

Have a great May and I look forward to seeing you around the County. Thank you for being our customer!

IMPORTANT!

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2. Call us at (910) 455-0722 with your account number or the last 4 digits of the account holder's social security number.
3. Go to onwasa.com, click on the "My Account Button" and then click "Customer Portal" to enter your customer portal and update your info.



BLACK BEAN SALSA



Yield: 5 cups

Prep Time: 15 minutes

INGREDIENTS

- 1 15 ounce can of black beans drained
- 1 16 ounce can of corn drained
- 1 red, green, and yellow pepper
- 1/2 cup of red onion
- 1 clove of garlic minced
- 1 teaspoon of cilantro
- 1/4 cup of olive oil
- 4 tablespoons of red wine vinegar
- 1 teaspoon of lime juice

DIRECTIONS

Place all ingredients in a large bowl and stir to combine. Serve with tortilla chips. This recipe is better after chilling overnight.



THE FLOW

CUSTOMER NEWSLETTER

April 2023 Edition 228 Georgetown Road, Jacksonville, NC 28540 (910) 455-0722 www.onwasa.com



FROM THE DESK OF
FRANKY HOWARD, CEO

Spring Has Sprung!



Know what's below.
Call before you dig.

National Safe Digging Month

April 2023

Spring has officially sprung here in Onslow County. This year, during the first week of Spring we enjoyed temperatures from the 20s all the way up to the 80s, typical eastern North Carolina weather. With these warmer spring temperatures, I'm sure many of you are like I am and are ready to get some yard work and outside projects started. April is National Safe Digging Month, and we here at ONWASA wanted to remind everyone to call 811 three full days before you dig. Many utilities like our water and sewer lines, may be buried underground throughout your yard. When you call 811, they will walk you through the process of ensuring these underground utilities are properly located and marked. Please do your part to ensure your safety and prevent services from being disrupted for your neighborhood. ONWASA has our very own utility locators that will respond to the many 811 request we get on a daily basis. In fact, our staff completed nearly 1600 locate request last month and averaged nearly 1700 per month for the past year. That comes out to nearly 80 per day. Please keep in mind however that we only locate the lines that belong to ONWASA. With the water line, that means we locate up to the water meter. On the Sewer line that is up to the cleanout within the right of way.

There has been quite a bit of news lately about PFAS or "forever chemicals" in drinking water. EPA announced last month the new restrictions on these PFAS compounds. These new restrictions say these compounds have to be below 4 parts per trillion which happens to be the lowest detectable level with today's technology. Fortunately, here in Onslow County we have had very isolated areas of concerns with PFAS. We are voluntarily monitoring certain wells to test the PFAS levels. So far, we have not had any consistent results that raise any PFAS concerns for us. This is primarily due to the fact we are pulling our raw water from deep well aquifers. Many of these systems that we are hearing about on the news are pulling their source water from "surface" waters such as rivers or lakes and these surface waters have been contaminated by industrial discharge or pollution. Please know that ONWASA is staying ahead of this PFAS issue and are creating plans on how to respond if there is a source sample to come back above 4 parts per trillion for these four PFAS compounds. You can learn more about our water quality by reading our Consumer Confidence Report on our website.

I wanted to end with highlighting a local event coming up next month. I had a customer reach out to remind me that we have National Day of Prayer coming up on May 4th. You can see this and other area happenings here in our newsletter. With that, I am open to hearing from other community organizations that have events that we could help spread the word on. We would love to use this platform to help get the word out about the many good things that we have going on across the County.

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Praying that we all have a great April and start to Spring 2023. As always, I ask that you reach out to us if you have any questions or concerns. I would also like to ask that you share your experiences with ON-WASA interactions by completing our customer surveys when given the opportunity.

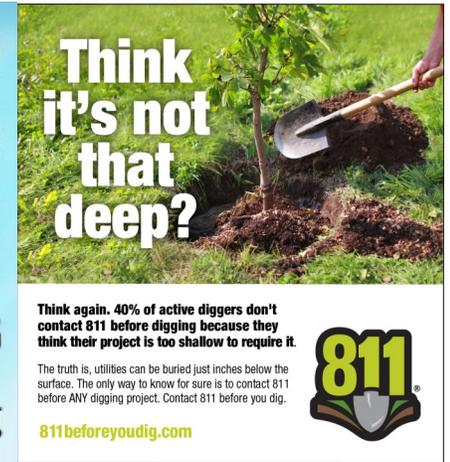
Thank you for being our valued customers and consumers.



**April is
National Safe
Digging Month**

North Carolina 811
www.nc811.org

Contact 811 Before You Dig



**Think
it's not
that
deep?**

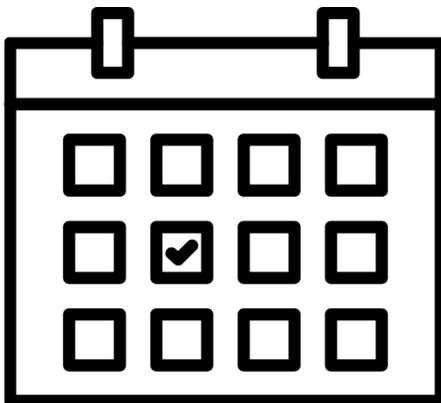
Think again. 40% of active diggers don't contact 811 before digging because they think their project is too shallow to require it.

The truth is, utilities can be buried just inches below the surface. The only way to know for sure is to contact 811 before ANY digging project. Contact 811 before you dig.

811
811beforeyoudig.com

AREA HAPPENINGS

NEW LOCATION



National Day of Prayer

Montford Point Marine Memorial

Jacksonville

Thursday, May 4, 2023

Noon

Military Appreciation Day

Hammocks Beach State Park

Saturday, June 3, 2023

10 am until 3 pm

This family friendly event is free and open to the public as a way to say "Thank you for your service" to our active duty and retired military personnel. Free food, soft drinks, snow cones, popcorn and ferry rides to Bear Island. Lawn games, static displays and arts & crafts plus miles of hiking trails.

Strawberry Freezer Jam



Yield: 5 pints

Prep Time: 10 minutes

Cook Time: 10 minutes

INGREDIENTS

- 2 cups crushed fresh strawberries
- 4 cups sugar
- 1 (1.75 oz package dry pectin
- 3/4 cup water

DIRECTIONS

Step 1

Mix crushed strawberries with sugar in a bowl, and let stand for 10 minutes

Step 2

Stir pectin into water in a small saucepan. Bring to a boil over medium-high heat, and boil for 1 minute.

Step 3

Stir boiling water mixture into strawberries. Allow the mixture to stand for 3 minutes before pouring into clean jars or other storage containers, leaving a little space at the top to allow for expansion.

Step 4

Place tops on the containers, and leave out at room temperature for 24 hours. Place into freezer, and store frozen until ready to use.



THE FLOW

CUSTOMER NEWSLETTER

March 2023 Edition 228 Georgetown Road, Jacksonville, NC 28540 (910) 455-0722 www.onwasa.com



FROM THE DESK OF
FRANKY HOWARD, CEO

Stronger Together!



FIX A LEAK WEEK

March 20, 2023 - March 26, 2023

Hard to believe it's been one year since my first newsletter to you, my ONWASA customers, and family. What a good first year it has been for me here at ONWASA. I look forward to many more years as your CEO, serving the many customers and fulfilling the mission and vision set by our Board of Directors. One thing that stands out the most to me about this past year is the many relationships I have developed across the county. The fine folks of Onslow County have surely made me feel right at home. After spending over 15 years working in Jones County, I learned the value of relationships and partnerships. The truth of the matter is that we have been advised in the Good Book itself that we are better off together than we are alone. That is certainly true on a personal level and can be applied to our daily walk or professions as well. I don't know about you, but I would rather face a challenge with people by my side than all alone. To quote the Bible specifically: "Two people are better off than one, for they can help each other succeed. If one person falls, the other can reach out and help. But someone who falls alone is in real trouble. Likewise, two people lying close together can keep each other warm. But how can one be warm alone? A person standing alone can be attacked and defeated, but two can stand back-to-back and conquer. Three are even better, for a triple-braided cord is not easily broken", Ecclesiastes 4:9-12. I am grateful for the many relationships I have made over the past year here in Onslow County. As I continue to get settled in here at ONWASA, it is the value of these relationships and partnerships that will make your Water Utility more resilient and effective going forward. I look forward to making many more relationships and building upon the existing partnerships in the years to come.

March is the month of many things related to water. Some of these I touched on last year and I will remind us of them again this year. If you are like me, I don't mind a friendly reminder occasionally, especially the older I get. Speaking of age, this year is a special one for me as I will hit the milestone year of forty this May. To start things off, March 4th is World Engineering Day. Nearly everything we do here at ONWASA when it comes to water and wastewater treatment requires certain aspects of engineering. We are fortunate to have our very own engineers on staff in addition to having several firms on contract to design and manage a variety of projects. March 6th thru 12th is National Groundwater Awareness Week, you can learn more at the following link: <https://wellowner.org/national-groundwater-awareness-week/> You can read on that website certain tips and reminders. To quote their site directly: "Our most valuable and precious resource needs advocates who understand the importance groundwater plays in our lives and community". Here at ONWASA we own and operate 40 wells throughout the county, so ground water awareness is a big deal for us. Let's all do our part to ensure the ground water in Onslow County remains safe and plentiful

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for years to come. March 20th thru 26th is Fix a Leak Week, check out the EPA's website at the following link: <https://www.epa.gov/watersense/fix-leak-week>. Here you will learn more about how we can all do better to find leaks and save water and lower our monthly water bill. March 22nd is World Water Day, to find out what is planned for 2023, please go to this link: <https://www.worldwaterday.org/>. World Water Day is a national effort to advocate for clean water and sanitation throughout the world. Reading through their work and plans should certainly make us all more thankful for the ability to simply turn the faucet for clean water and our access to sanitary sewer or septic options.

I hope and pray all of you have a great March 2023. With that I will leave you with another great recipe that uses a little bit of our pure ONWASA water. I'm also open to suggestions for future recipes or even newsletter topics.

Thank you for being our customers!

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ONWASA Wastewater Operator, Samantha Howard, took this beautiful photo of the sunset at our Northwest Plant.

Ginger Crispy Rice with Salmon and Bok Choy

 Servings: 2

INGREDIENTS

- 1 cup uncooked jasmine rice
- 1/2 teaspoon kosher salt
- 1 1/3 cups cold water
- 1 tablespoon toasted sesame oil
- 2 (2-ounce) pieces boneless, skinless salmon belly (about 1/2 inch thick)
- 3 ounces baby bok choy, yu choy, or broccoli florets (about 1 1/2 cups)
- 1/4 cup fresh or frozen yellow corn kernels
- 2 scallions
- ginger-scallion sauce
- mirin soy sauce

DIRECTIONS

- Rinse rice in a strainer until water runs clear. Shake rice dry in strainer. Stir together rice, salt, and 1 1/3 cups cold water in a 1-quart Chinese clay pot. Let stand at room temperature 1 hour.
- Heat rice mixture, uncovered and undisturbed, on a gas stovetop over medium-high until water along edges of clay pot begins to simmer in spots, 8 to 10 minutes. Continue simmering, uncovered and undisturbed, over medium-high until water is completely absorbed and rice makes a faint crackling sound, 5 to 6 minutes. Drizzle sesame oil evenly around inside edges of pot. Reduce heat to low; cover and cook until rice is just tender, about 10 minutes.
- Working quickly, turn off heat, uncover, and arrange salmon belly, baby bok choy, and corn in an even layer on top of rice. Increase heat to medium-high. Cook, covered, until rice smells nutty and makes a constant crackling sound, 4 to 5 min. Turn off heat, and let stand, covered, on unlit burner 15 minutes. Slice green parts of scallions to equal 3 tbs, and sprinkle over salmon, baby bok choy, and corn. Serve with ginger-scallion sauce and mirin-soy sauce.



SOURCE: foodandwine.com



THE FLOW

CUSTOMER NEWSLETTER

February 2023 Edition 228 Georgetown Road, Jacksonville, NC 28540 (910) 455-0722 www.onwasa.com



FROM THE DESK OF

FRANKY HOWARD, CEO

Save Water & Money

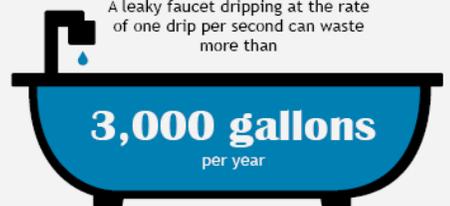
We hope all our customers and consumers have had a great start to the year 2023. Things have been busy here at your water and sewer authority. As I mentioned last month, this year we will continue to focus on capacity building to ensure we have the capability to serve our ever-growing and increasing system demands. To state that more specifically on the Water side, this past year we experienced a 4% increase in water production year over year. This is just under the average annual increase for the last five years of 5.4%. Our Dixon plant alone saw a 12% increase in water production this past year. The Dixon plant serves the Holly Ridge, North Topsail Beach, and Sneads Ferry areas of Onslow County. This water production growth aligns with what we are seeing in the way of overall growth in water accounts. For 2022, total new water accounts increased by over 1700. This was a 3% increase and brings our total number of accounts to over 56,000. This rate of growth is above average not only for our system but for the entire State. That being said we are among the top ten public water systems in the State and are the third largest water and sewer authority when comparing the number of accounts.

This past Christmas the Howard household added a new pet to the family. Opie, a long-haired mini dapple dachshund, has joined the family. He brings a lot of joy and smiles to our household.

THE FACTS ON LEAKS



10 percent of homes have leaks that waste 90 gallons or more per day



A leaky faucet dripping at the rate of one drip per second can waste more than

3,000 gallons per year

Did you know?

Minor water leaks account for nearly



1 trillion gallons

of wasted water each year and is equal to annual household water use in nearly



A shower leaking at

10 Drips

per minute wastes more than

500

gallons per year



11 million homes

Repair

leaks by checking faucet washers and gaskets for wear and replacing them if necessary



Replace old toilets with WaterSense models & save



13,000

gallons of water savings for the average family

Homeowners can save



10 percent on their water bills



epa.gov/watersense

I mention this, as I recently saw a post from American Water Works Association stating "No Water No Wag". We certainly enjoy our new "wag" and can't imagine not having him around. With that you can add our furry friends to the list of "No Water" no...."Wag".

Each month I will have a new "no water no....as you can imagine so many things we love and enjoy each day relies on a healthy and reliable water source. As I am making these personal connections to our own daily lives, I want us to think of ways we can continue to do our part to conserve and save the water we all depend on each and every day. Every "drip" counts. As a matter of fact, there is a drip calculator online to help us understand the volume of a drip. <https://drinktap.org/Water-Info/Water-Conservation/Drip-Calculator> For example, a single faucet dripping 60 drips a minute can waste over nearly 260 gallons/month.

I couldn't let this newsletter pass without highlighting one of the many national observations. This month is Great American Pie Month. Who can resist a good home-made pie?! Well, I should since I have pledge to lose some weight this year, but perhaps I can cheat and have just a slice. More specifically, February 20th is National Cherry Pie Day. So please partake and enjoy the home-made cherry pie recipe that we have included this month. Like most recipes we share, this one will take 1/2 cup of cold pure ONWASA water.

Have a wonderful and blessed February. Thank you for being our customers!



Photo credit: Anna & Sarah Howard

NO WATER NO WAG



#NoWaterNoWag
#ValueWater



Homemade CHERRY PIE



 **COOK TIME**
55 Minutes

 **8 SERVINGS**

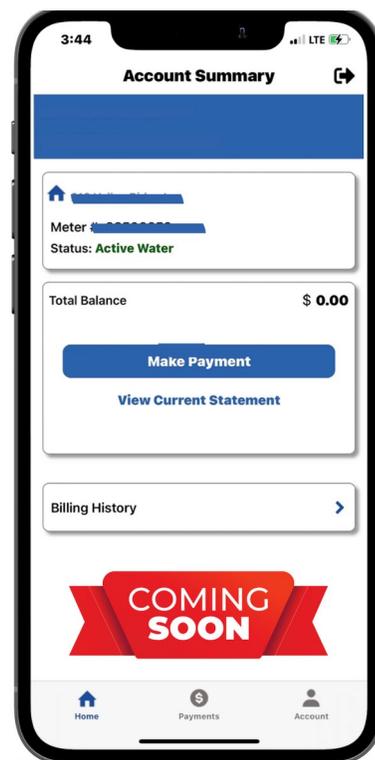
INGREDIENTS

- 2 cups all-purpose flour
- 1 pinch salt
- 1 cup shortening, chilled
- 1/2 cup cold water
- 2 cups pitted sour cherries
- 1 1/4 cups white sugar
- 10 teaspoons cornstarch
- 1 tablespoon butter
- 1/4 teaspoon almond extract

DIRECTIONS

1. Whisk together flour and salt in a bowl. Cut in shortening with 2 knives or a pastry blender until mixture resembles coarse crumbs. Mix in cold water by hand just until dough holds together. Divide dough in half and form into disks. Wrap each disk in plastic and refrigerate until chilled, 30 min to 1 hr.
2. Roll out 1 dough disk into an 11-inch circle and press it into a 9 inch pie dish. Place in the refrigerator until needed. Roll out remaining dough disk into an 11-inch circle for the top crust, transfer it to a plate or baking sheet, and refrigerate until needed.
3. Preheat the oven to 375 degrees F. Place a baking tray in the oven to preheat.
4. Place cherries, sugar, and cornstarch in a medium, non-aluminum saucepan. Allow mixture to stand until juices begin to release, about 10 mins. Bring to a boil over medium heat, stirring constantly. Lower the heat and simmer until juices thicken and become translucent, about 1 min. Remove from heat and stir in butter and almond extract. Allow filling to cool to lukewarm.
5. Pour cooled filling into the prepared pie crust. Cover with top crust, trim and crimp the edges to seal, and cut vents for steam.
6. Bake in the preheated oven on baking tray until crust is golden brown, 45-55 mins. Allow to cool for several hours before slicing.

You asked, we listened. The all new ONWASA App will be available soon!



THE FLOW

CUSTOMER NEWSLETTER

January 2023 Edition 228 Georgetown Road, Jacksonville, NC 28540 (910) 455-0722 www.onwasa.com



FROM THE DESK OF
FRANKY HOWARD, CEO
New Year Goals

ONWASA CARES



Welcome to 2023. What are your goals for this new year? Here at ONWASA, we have several project goals and milestones set for the year 2023. Many of our large projects in the ONWASA Capital Improvement Plan will move out of the design phase and into construction. The majority of our 2023 projects will be geared towards increasing our sewer capacity in the Swansboro/Hubert area as well as the Holly Ridge/Sneads Ferry area. We will also be continuing our work to expand our drinking water capacity with additional wells in the Dixon area and expanding the work to add the third water treatment plant in the Union Chapel Road area. Lastly is the booster pumping station project to help with peak season water pressure along North Topsail Beach. 2023 is also the year we will update our ONWASA Strategic Plan. It's been five years since we adopted the current plan. You will see an opportunity later this year to comment and provide input as a customer toward our strategic plan. Over the last 12 months here at ONWASA we have grown by 1598 connections into our water system. This is an average of 133 per month a 3% increase over the year. These growth rates exceed any we have experienced in the most recent past here at ONWASA. With that being said, we are constantly reevaluating our capital projects to ensure we have the water and sewer capacity to match the increased demands.

I wanted to also take the time to brag a little bit on our great employees here at ONWASA. I touched on this last month as we have a tradition here at ONWASA of giving back to our community. Well, that was very evident during our Christmas Cheer Toy Drive. We had over \$3000 worth of toys donated by our great employees. Several employees also volunteered their time to help with the distribution efforts of Onslow Christmas Cheer. Later this month, we will also conduct our food drive efforts to provide much-needed supplies to the CHEW program. We have a program here at ONWASA called ONWASA CARES that allows employees to take up to 16 hours a year to volunteer for such programs in the County. We hope to continue that program in 2023 and possibly add to it.

To not break tradition with past newsletters, I must point out that January is National Soup Month. You may ask what that has to do with water, well take a look at the recipe we provided for this month, you will need 4 cups of pure ONWASA water to complete this classic homemade chicken noodle soup. With that you can now add soup to the list of "no water" no soup!

Here's to a great and wonderful 2023 for Onslow County and all our customers and consumers of ONWASA. We would like to welcome all our new customers since last month. May you have a blessed New Year. Thank you for being our customers!

IMPORTANT!

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3. Go to onwasa.com, click on the "My Account Button" and then click "Customer Portal" to enter your customer portal and update your info.

Don't know where your underground utilities are?
You could do this...
or just call 811



811 is Fast, Free & it's the Law

North Carolina 811
www.nc811.org

Homemade Chicken and Noodles

*Servings: 6 Servings
Prep Time: 10 min
Cook Time: 1 hour*

Ingredients

- 1 whole cut-up fryer chicken
- 2 whole carrots, diced
- 2 stalks celery, diced
- 1/2 whole medium onion, diced (optional)
- 1 tsp salt
- 1/2 tsp turmeric
- 1/4 tsp white pepper (more to taste)
- 1/4 tsp ground thyme
- 2 tsp parsley flakes
- 16 oz frozen "homemade" egg noodles
- 3 tbsp all purpose flour



Instructions

1. Cover chicken in 4 quarts water. Bring to a boil, then reduce heat to low. Simmer for 30 minutes.
2. Remove chicken from pot with a slotted spoon. With two forks, remove as much meat from the bones as you can, slightly shredding meat in the process. Return bones to broth and simmer on low, covered, for 45 minutes.
3. Remove bones from broth with a slotted spoon, making sure to get any small bones that might have detached.
4. Add the carrots and celery (and onions, if using) to the pot, followed by the herbs and spices. Stir to combine and simmer for ten minutes to meld flavors.
5. Increase heat and add frozen egg noodles and chicken. Cook for 8 to 10 minutes.
6. Mix flour and a little water. Stir until smooth. Pour into soup, stir to combine, and simmer for another 5 minutes, or until broth thickens a bit. Test and adjust seasons as needed.

THE FLOW

CUSTOMER NEWSLETTER

December 2022 Edition 228 Georgetown Road, Jacksonville, NC 28540 (910) 455-0722 www.onwasa.com



FROM THE DESK OF

FRANKY HOWARD, CEO

Counting Our Blessings

On behalf of everyone here at ONWASA, I would like to wish all our customers a Merry Christmas and Happy Holidays. It's the time of the year when we all should reflect on everything in which we have been blessed with in our lives over the last year. That is no different here at ONWASA. As I reflect over the last year here at ONWASA I can think of many things that we have been blessed with and are very thankful for. First and foremost are the dedicated employees that have chosen to work for ONWASA and serve you as our valued customer.

Our employees are the backbone of ONWASA and are the reason we can provide exceptional and reliable service to our customers. These same employees have stepped up each year to donate items such as toys and food that are needed by organizational efforts like Christmas Cheer and CHEW here in Onslow County. It is a blessing to have these donations and service hours so that we can give back to the community that we serve and call home. We have also been blessed with some alternative revenues this year in the form of grants. In total, ONWASA has been awarded nearly \$10.5 million in grants this year. With these grants, we are able to complete tasks and capital projects without passing that burden onto our customers. It was certainly like Christmas around here when we learned about the \$10M State grant to help with one of our largest capital projects, the new Southeast Wastewater Treatment Plant. We are very thankful to our State Legislators for seeing this request through and ensuring it was included in the State Budget. I also see the growth we are experiencing as a blessing. I recently reported to our Board that we are now serving over 56,000 accounts across Onslow County. This is up by nearly 1500 accounts in the last 12 months. With that, we are the third largest Water and Sewer Authority in the state of North Carolina. We know there are challenges that will come with this growth; however, we are positioned here at ONWASA to make the necessary system improvements to ensure we are providing a reliable water and sewer service to all of our customers.

I hope that you too have been blessed this past year and are able to share some of those blessings with those around you this holiday season. I pray that all our customers have a wonderful Christmas this year. Thank you for being our valued customers.

ONWASA Offices will be closed on December 23rd, 26th, 27th, and January 2nd in celebration of Christmas and New Year's.



Merry Christmas

AND HAPPY NEW YEAR!





calendar 2023

January

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THE FLOW

CUSTOMER NEWSLETTER

November 2022 Edition 228 Georgetown Road, Jacksonville, NC 28540 (910) 455-0722 www.onwasa.com



FROM THE DESK OF

FRANKY HOWARD, CEO

*Where does your
wastewater go?*



Last month we discussed where our water comes from, so this month I thought I would share where your wastewater goes, for the nearly 7500 sewer customers we currently have. ONWASA currently operates four wastewater treatment plants throughout the County and has two other small collection systems that connect to either the City of Jacksonville's system or the system at Marine Corp Base Camp Lejeune. Our four plants are the Northwest plant just outside of Richlands, and the Swansboro and Holly Ridge town plants, and the plant that we acquired which serves the Summerhouse subdivision in Holly Ridge. The combined current treatment capacity of these plants and the allocation to send flows to the Base is just over 4.2 million gallons per day. There are plans underway for a new wastewater treatment plant for the Southeast area of Onslow County that will take the place of the Holly Ridge and Summerhouse plants. We are also nearing completion of plans to install a new force main along Hwy 24 that will take all the flows from the Swansboro plant to our connection point with the Base along Piney Green Road. These plans will allow us to decommission the aging Swansboro and Holly Ridge Plants. We will be evaluating the feasibility of keeping parts of the Summerhouse system to ensure we have capacity for the growth in that area. All our plants process the incoming wastewater and return it to nature through either a spray field application or high-rate infiltration ponds. We do not directly discharge any of our processed effluent into natural waterways. Although that method is allowed and effective for certain wastewater treatment processes, we take the additional steps to allow nature to aid in the final treatment of our wastewater effluent before it is returned to a natural waterway.

This topic of wastewater is fitting with November 19th being World Toilet Day. Fortunately, in the nation we live in, we do not have to worry about having access to a safe and properly managed "toilet". We have state and federal rules that ensures we and our neighbors are properly disposing of our wastewater either through an onsite septic system or a connection into a larger sewer system. There are also state and federal rules and laws that govern how we as sewer service providers properly treat and dispose of the wastewater we take in from our customers.

November is also host to many other important days for the year. First is the birthday of the Marine Corps. I have said it before and I will say it again, we are very grateful for our collaboration and partnerships with Marine Corps Base Camp Lejeune and its impact on the local economy of Onslow County as well as the men and women that serve our country. So Happy Birthday Marine Corps, we are proud to have you as a neighbor and partner here in Onslow County. November 11th is Veterans Day, and just as important, we gladly pause to honor all the Veterans of Onslow County. Lastly but certainly not least, is Thanksgiving 2022 on November 24th. We certainly have much to be thankful for here at ONWASA and Onslow County.

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The thought about Thanksgiving sure made my stomach growl thinking about the large spread we will have at the Howard dinner table. This topic of Thanksgiving dinner just after the lesson on our sewer plants is a good transition into our FOG awareness program. What does FOG stand for? That is Fats, Oils and Greases that do not need to be dumped down the drain. These are incompatible with our wastewater treatment processes. So, we are asking you our customers to not add to our FOG issues by properly disposing of your Fats Oils and Greases.

That covers it for November, I am thankful for having such a great customer base and honored to be sharing Thanksgiving together this year. I wish you all a blessed and great November, thankyou for being our customers.

PUMPKIN BREAD RING WITH MAPLE CREAM CHEESE FILLING

Servings: 8 Servings



Ingredients

Maple Cream Cheese Filling

- 8 oz vegan cream cheese softened
- 1 teaspoon lemon juice
- 1 teaspoon vanilla extract
- 4 tablespoons pure maple syrup

Pumpkin Bread

- 2 1/2 cups all-purpose flour
- 1 cup brown sugar
- 1 teaspoon cinnamon
- 1/8 teaspoon all spice
- 1/4 teaspoon nutmeg
- 1/4 teaspoon ground ginger
- 1/8 teaspoon ground cloves
- 1 teaspoon baking soda
- 1 teaspoon baking powder
- 1/2 teaspoon salt
- 16 oz unsweetened pumpkin puree
- 3/4 cup vegetable oil
- 1/4 cup water
- 2 teaspoons vanilla extract
- Nonstick cooking spray, for greasing

Instructions

1. Preheat the oven to 350 degrees F
2. Make the maple cream cheese filling: In a medium bowl, combine the cream cheese, lemon juice, vanilla, and maple syrup. Stir until smooth and creamy. Set aside.
3. Make the pumpkin cake: Sift the flour into a large bowl and add the brown sugar, cinnamon, allspice, nutmeg, ginger, cloves, baking soda, baking powder, and salt. Whisk to combine.
4. In a medium bowl, combine the pumpkin puree, vegetable oil, water, and vanilla. Whisk well.
5. Gradually add the wet ingredients to the dry ingredients, folding with a rubber spatula just until combined. Do not overmix the batter.
6. Generously grease a bundt pan with nonstick spray.
7. Add 3 cups (675 G) of pumpkin batter to the pan and spread evenly. Then, scoop the cream cheese filling over the batter, making a ring. Top with the remaining batter and spread to cover the filling.
8. Bake for 45 minutes, until a toothpick inserted into the cake comes out clean.
9. Remove the cake from the oven and let cool for 15 minutes before inverting to remove from the pan.
10. Slice and serve.

SOURCE: BUZZFEED.COM



FATS, OILS & GREASE

CONTAIN IT, DON'T DRAIN IT!

THE FLOW

CUSTOMER NEWSLETTER

October 2022 Edition 228 Georgetown Road, Jacksonville, NC 28540 (910) 455-0722 www.onwasa.com



FROM THE DESK OF

FRANKY HOWARD, CEO

Where does your water come from?



Imagine a Day With(out) Water

October 20, 2022

Think about how many things we consume each day that relies on water. It's mind boggling if you add it all up. Most households use enough water each month to fill an average sized above ground swimming pool. That's a "ton" of water, actually it's more like 20 tons! Fun fact, that's the equivalent to the average weight of a loaded School Bus. For this math, I assumed 2000 gallons per person per month and an average household of 2.5 for a total of 5000 gallons per month. One gallon of water weighs 8.33 pounds. If you happen to notice you are using more than 2000 gallons per person per month, perhaps you need to check for a water leak or seek ways to conserve water. We provide a monthly usage chart to help track your trends and to help you understand your own water usage habits.

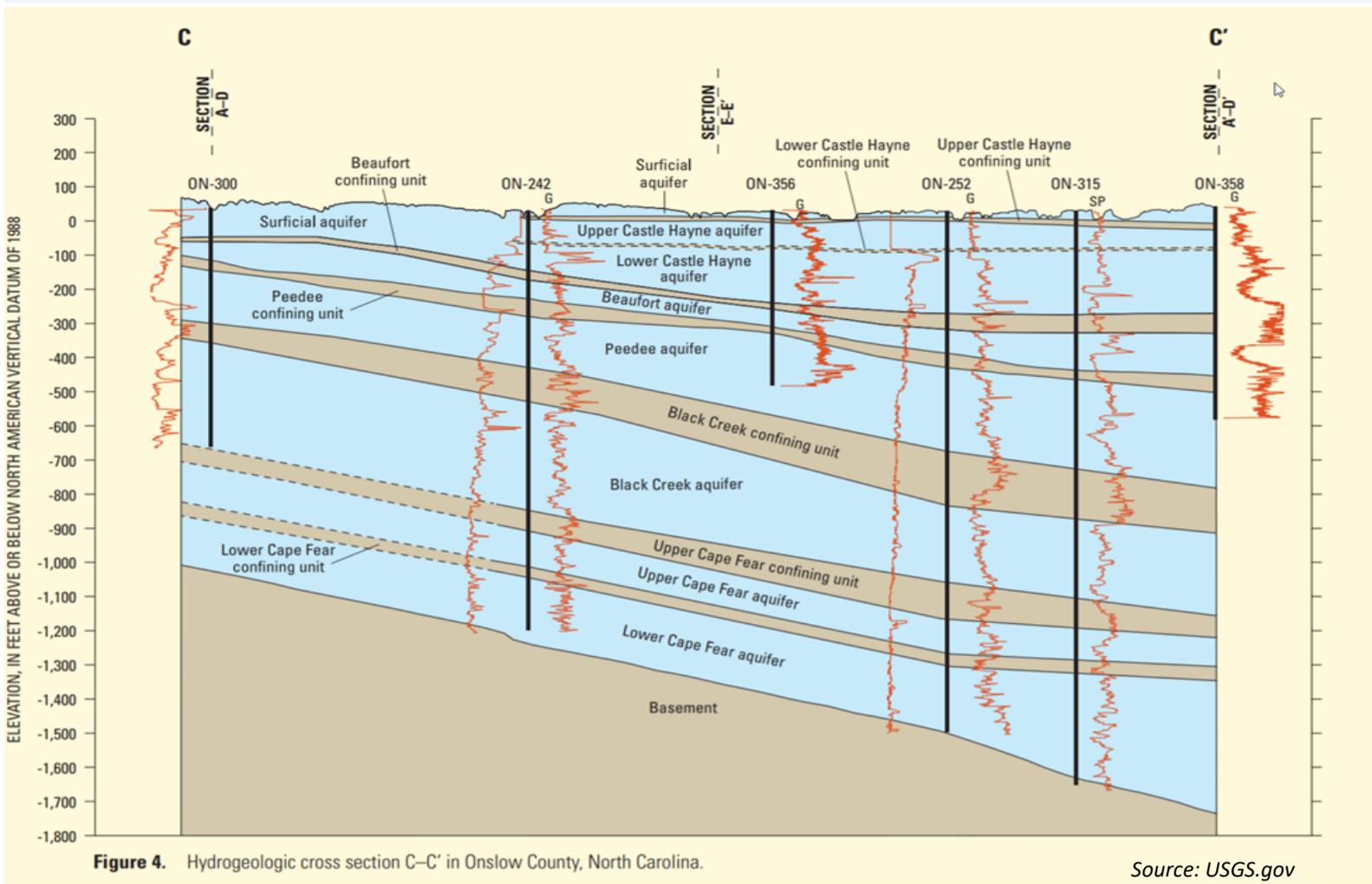
This year, October 20, 2022, will be Imagine a Day With(out) Water national day of action. Partners across the US will be advocating for communities and policymakers to come together to advance greater, more equitable water investments. ONWASA will participate this year by sharing with you our customers and the general public news about where our water comes from.

If you have been following along in my previous newsletters, you know that we are very fortunate here in Onslow County to be getting our water from deep aquifer wells. Primarily we use the Castle Hayne and the Black Creek aquifers. Black Creek Aquifer water requires very little treatment, in fact all we have to do is add sufficient chlorine to ensure proper residuals are measured at the farthest points in our distribution system. Castle Hayne aquifer water must be processed at one of our two Water Treatment Plants prior to being sent out into our distribution system. We have one plant in the Hubert area and one in the Dixon area. Plans are underway for a third water treatment plant between Richlands and Jacksonville in the Union Chapel Road area. In total we operate 12 Black Creek Wells that pump directly into the system and 24 additional wells that feed the two water treatment plants.

The Castle Hayne aquifer is not as deep as the Black Creek and tends to have higher hardness levels. We run this water through a large water softener and other filters before sending it out to our customers. The Dixon plant is equipped with reverse osmosis for an enhanced purification process. Both plants are also capable of carbon filtration which we are considering reactivating and using with the new EPA guidelines related to PFAS if we see that is needed to remain compliant.

I have tried to include a map showing one of the cross sections of the aquifers that exist under the surface of Onslow County. For a complete map of the County and full descriptions of the aquifers visit: <https://pubs.usgs.gov/sim/3055/>. This map and document was prepared in cooperation with the City of Jacksonville, Onslow Water and Sewer Authority, and U.S. Marine Corps, Camp Lejeune. ONWASA also works closely with the State and our consultants to ensure we are sustainable using these aquifers to ensure there is plenty of water for years to come.

I hope that helps explain more about your water source and how we at ONWASA use it to provide safe and quality drinking water to all our customers. Thank you for being our valued customers and I look forward to spending October together and enjoying the cooler temperatures.



Apple Cider Chicken

Prep: 10 mins Cook: 20 mins Servings: 4 Servings

Ingredients

- 4 teaspoons extra virgin olive oil *divided*
- 1 1/2 pounds boneless skinless chicken thighs
- 1 teaspoon kosher salt
- 1/2 teaspoon freshly ground black pepper
- 1/2 cup fresh apple cider
- 2 teaspoons Dijon mustard
- 3 medium firm sweet apples, cored and cut into 1/2 inch slices
- 2 teaspoons chopped fresh rosemary

Instructions

1. Heat 2 tsp of oil in a large skillet over medium high. Sprinkle the top of the chicken evenly with 1/2 tsp kosher salt and 1/2 tsp pepper. Once the oil is hot and shimmering, add the chicken to the pan, top-side down. Let cook 4

- minutes, then flip and continue cooking until the meat is cooked through and reaches an internal temperature of 169 degrees, 3 to 4 additional minutes. Remove to a plate and cover with foil to keep warm.
2. In a small bowl, stir together the apple cider and mustard. With a paper towel, carefully wipe the skillet clean. Add the remaining 2 tsp of oil to the pan over medium high. Once the oil is hot, add the apple slices, remaining 2 tsp salt and 1/4 tsp pepper, and rosemary. Cook for 5 minutes, until the apples are lightly tender and begin to turn golden. Return the chicken to the pan and pour the cider mixture over the top. Let cook for 4 to 5 minutes, until the liquid is reduced by half. Serve warm, sprinkled with additional chopped rosemary as desired.

THE FLOW

CUSTOMER NEWSLETTER

September 2022 Edition 228 Georgetown Road, Jacksonville, NC 28540 (910) 455-0722 www.onwasa.com



FROM THE DESK OF
FRANKY HOWARD, CEO

Are you prepared?



Ready.gov

SEPTEMBER
NATIONAL
PREPAREDNESS
MONTH

Prepare. Plan. Stay Informed.



Eye of Hurricane Florence approaching the Wilmington area early Friday September 14, 2018 www.weather.gov (Courtesy Unisys)

Is it just me or did Summer 2022 seem to fly by extra fast? September 22nd signals the official end of Summer on the 2022 calendar. September will also forever be etched in the History of Eastern North Carolina as many of us reflect on the impact of Hurricane Florence. This year is the fourth anniversary since it made landfall on September 14th, 2018. For those of us that experienced it firsthand the memories are tough and for me, I can drive through a certain area and have flashbacks of dealing with the aftermath of this historic storm event. I was County Manager in Jones County at the time and spent several days and nights at the County Emergency Operation Center before I was physically able to make it home to see my family. Like much of the area we were on an "island" due to impassable roads and loss of literally all communication methods. I recall having to coordinate swift water rescue efforts and had to personally deliver meals via boat to citizens and volunteers who were also isolated. This experience is one that I have in common with many others throughout the region including much of the team here at ONWASA and it has helped train us to be even more prepared for the next event. Its no secret that Hurricane Florence caught many off guard. Being just a Category 1 hurricane at landfall minimized to some just what the future impacts would be. Its slow track across the area allowed it to dump record breaking rainfall that led to the devastating flooding for many. Jacksonville recorded 25.28 inches and Swansboro 34 inches! This on top of the 9-13 feet of storm surge was a recipe for disaster and what some refer to as the "perfect" storm.

As I mentioned above, we all learned so much from this experience and event. Here at ONWASA we also had significant damages to our facilities throughout the system. Most notable is the flooding at our Northwest Wastewater Treatment Plant. ONWASA staff immediately began working to make system repairs and even made plans to build in better resiliency throughout our system. At the Northwest Plant we have already made significant improvements such as elevating key components like pumps and blowers and electrical controls. They will now be above the high-water mark of the flooding caused by Florence. At other locations throughout the system, we have increased the fuel capacity of our generators and installed additional generators to ensure in times of long-term power outages our system will remain operational. We even purchased a fuel truck so that we can shuttle bulk fuel to these sites to keep them running. We have also begun to replace aerial crossings with directional bores, this is where in the past it was common to suspend a water or sewer line to a bridge or on poles alongside a bridge to cross the waterway. These aerial crossings are more likely to get damaged in a storm or flood as compared to a directional bore which installs the pipe well under the waterway. Lastly, we have budgeted each year, prepositioned disaster recovery contracts so that at a moment's notice we can engage these contractors to speed up system restoration times.

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Basic Disaster Supplies Kit

Being prepared means having your own food, water, and other supplies to last for several days. A disaster supplies kit is a collection of basic items your family may need in the event of an emergency!

Ready.gov suggests the following for a basic emergency supply kit. You should also consider adding items depending on your unique family needs.

- Water (one gallon per person per day for several days.)
- Food (at least a several-day supply of non-perishable food)
- Battery powered or hand crank radio and a NOAA Weather Radio with ton alert
- Flashlight
- First aid kit
- Extra batteries
- Whistle (to signal for help)
- Dust mask (to help filter contaminated air)
- Plastic sheeting and duct tape
- Moist towelettes, garbage bags and plastic ties
- Wrench or pliers
- Manual can opener
- Local maps
- Cell phone with charger and a backup battery

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As in the past, I like to highlight certain national observances. For September we have National Preparedness Month, September 25-Oct 1 is Source Water Protection Week, and most importantly September 29th is National Coffee Day! We all know you cannot have a good cup of coffee without high quality drinking water. I covered preparedness earlier in how we have prepared ourselves here at ONWASA for when disaster strikes, an important topic this time of the year as we are in peak hurricane season for eastern NC. Last month I discussed Water Quality and as an extension of that conversation I just wanted to emphasize how important it is that we keep our source waters clean and healthy. Fortunately for ONWASA customers our source water is currently deep wells in aquifers such as the Black Creek and Castle Hayne. However, it is still important to know these aquifers need to be protected from illegal dumping and pollution. By State law ONWASA must maintain control and ownership of a minimum of a 100 foot perimeter around our wells, and we conduct regular testing to ensure we are producing top quality drinking water for our customers. Beyond this 100-foot perimeter it is the responsibility of us as citizens and stewards of this earth to ensure we do not contribute to any source water pollution. There are many ways to ensure we are doing all we can to ensure our raw water sources are sustainable for years to come. Please visit to the AWWA's website to learn more: <https://www.awwa.org/Resources-Tools/Resource-Topics/Source-Water-Protection/Source-Water-Protection-Week/What-You-Can-Do-for-Source-Water-Protection-Week>.

I pray all our customers have a great September and we make it through the final weeks of hurricane season with little activity in Onslow County. As always, I would like to thank you for being our valued customer and remind you that we enjoy your feedback. Please take the time to submit your feedback either through our "contact us" on the website or through the survey link you receive when you correspond with one of our customer service representatives. Talk to you in October unless I see you before then!



Servings: 1
Prep Time: 5 minutes
Cook Time: 35 minutes



INGREDIENTS

- 1 large eggplant, cut into 1-inch cubes (about 1 pound)
- 3 tablespoons olive oil, divided
- 1/2 teaspoon kosher salt, plus more to taste
- 1/2 lemon, juiced (about 1 tablespoon)
- 1 pinch sugar
- 2 tablespoons fresh mint, roughly chopped
- Freshly cracked pepper, to taste

DIRECTIONS

- Preheat the oven to 400 degrees F. Toss the eggplant cubes, 2 tablespoons of the olive oil, and salt directly on a quarter sheet pan and roast for 30 minutes, or until caramelized and tender. Turn off the oven.
- Season the cooked eggplant with the lemon juice, sugar, black pepper, the remaining 1 tablespoon of olive oil, and a pinch more salt if you feel it needs it, and toss together. Place back in the turned-off oven for 5 more minutes.
- Finish with the fresh mint and serve at room temperature.

THE FLOW

CUSTOMER NEWSLETTER

August 2022 Edition 228 Georgetown Road, Jacksonville, NC 28540 (910) 455-0722 www.onwasa.com



FROM THE DESK OF
FRANKY HOWARD, CEO

Quality Focused!



Circa 1891 Lewiston, Idaho

ONWASA takes pride in being good stewards of the environment and water quality. That is not only true in the drinking water we produce for our customers, but it's also the case for the wastewater we treat and dispose of at our various facilities. August is National Water Quality Month, and just know that ONWASA cares about water quality and strives to be the industry benchmark for other Utilities. I took this statement from the National Water Quality Month's website: "What is the Purpose of National Water Quality Month? Just imagine what life would be like without easy access to clean water. There would be no fountains to quench your thirst when you're out on a hot day. No more pools and no more lakes and rivers clean enough for recreational activities. No more hour-long showers. No more drinking water straight from the tap or even filtering it through your Brita. No more running water in your house, period. In short, our lives would be different, and not for the better. National Water Quality Month reminds us to take a moment to consider how important these water sources are not just to humans but also to the other inhabitants of these ecosystems— whether it be the fish that live in the waters or the plants and animals that rely on these lakes and rivers for water just like we do. By thinking about the little things you do daily that could have a negative effect on water quality, you'll be one step closer to making a difference." Visit their website to learn more about how you can help ensure we have clean water for decades to come, <https://nationalwaterqualitymonth.org/>

Here at ONWASA, we take water quality seriously. You may not know this, but we have an in-house laboratory staffed with skilled professionals and chemists focusing mainly on water quality and sample analysis. In fact, if you have been to our main office on Georgetown Road in Jacksonville, you might have seen some recent construction. This is the new state-of-the-art Laboratory wing that is being added to the main administrative facility. Currently, our lab is housed in a remote modular unit in the rear of our main office. ONWASA processed over 81,000 Laboratory analyses last year alone. This number will continue to go up as our water production increases and the State and Federal testing requirements continue to become more stringent on water utilities. You can rest assured that ONWASA is prepared to remain compliant and puts a high standard on the quality of both our drinking water and wastewater effluent.

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IMPORTANT!

We need your correct contact information. We are not able to send you urgent notices or out-of-office information without your correct email or phone number. Quickly and easily update your information in one of three ways!

1. Email us at updateinfo@onwasa.com with your ONWASA account number OR the last 4 digits of the account holder's social security number.
2. Call us at (910) 455-0722 with your account number or the last 4 digits of the account holder's social security number.
3. Go to onwasa.com, click on the "My Account Button" and then click "Customer Portal" to enter your customer portal and update your info.

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I came across this historic photo and thought I just had to share it, especially with the theme this month being water quality. You can see that we have come a long way in the water and wastewater industry from when this was taken back in 1891. Just to clarify this was not in Onslow County, rather somewhere east of Lewiston, Idaho per the source. What you are seeing is the construction of a wooden pipeline that was common at that time, and apparently, they are still in use in some parts of the world. The industry standard now is Polyvinyl Chloride (PVC) or Ductile Iron.

As mentioned before, we all play a part in water quality in Onslow County and eastern NC. Even the smallest amount of pollutants, such as used motor oil can eventually make its way into a body of water. One gallon of oil can pollute over 250,000 gallons of water. Always use proper disposal methods for all your household waste to ensure our waterways remain clean and healthy for recreational and drinking water needs. Fortunately, here in Onslow County our raw water source is buried hundreds of feet below the surface. We tap both the Black Creek and Castle Hayne aquifers with an average depth of 591' and 184', respectively. However, as we have seen with the recent PFAS issues, this "forever" chemical can still make its way deep into the earth and into our aquifers. We are voluntarily sampling our wells that are in proximity to wells with known PFAS contamination to ensure we maintain a safe and acceptable raw water supply. To learn more about our water quality, you can always find details in the annual Drinking Water Quality Report on our website. As always, I would like to thank you for being our customers and for your confidence in our service to you. I hope you have a fantastic August and enjoy these last few days of summer with your family and friends.

SUMMER PASTA SALAD WITH GRILLED ZUCCHINI, CORN AND CILANTRO PESTO



 4-6 servings

 Prep Time: 35 min
Cook Time: 15 min

Summer Pasta Salad w/ Grilled Zucchini, Corn and Cilantro Pesto is made with gluten-free rice noodles and loaded up with healthy summer veggies, then tossed in the most flavorful Cilantro Pesto...deliciously addicting! Vegan and Gluten-free!

INGREDIENTS

6 ounces rice noodles
2 medium zucchini, cut in half lengthwise
1 red bell pepper, cut in half, seeded
1/2 an onion, cut into 1/2 inch wedges
1-2 ears of fresh corn, shucked
oil, salt and pepper for veggies
cherry tomatoes, lime wedges, pepitas, and cilantro leaves for garnish

Vegan Cilantro Pesto:

1 large bunch cilantro and thin stems
2 fat garlic cloves
1-2 tablespoons chopped jalapeno (optional)
1/2 cup olive oil
1/3 cup pumpkin seeds (raw)
1/2 teaspoon salt
1/4 teaspoon pepper
1/2 teaspoon coriander (optional)
1/2 teaspoon smoked paprika (optional)
1 tablespoon lime zest
2 tablespoons lime juice

INSTRUCTIONS

- Preheat grill to medium high, and boil water for the rice noodles.
- Prep the veggies - brush or spray with olive oil, and sprinkle with salt and pepper
- Pour boiling water over the rice noodles, let stand for 3 minutes, then drain and rinse with cold water. Set aside.
- Place the veggies on the grill, lower heat to medium, cover, then make the cilantro pesto. Check the veggies every 5 minutes or so...turning.
- Place all the cilantro, garlic and jalapeno in food processor and pulse until finely chopped. Add the remaining ingredients, pulse until combined but not too smooth. You should have a fairly loose pesto.
- Once the veggies are done, cut into bite-sized pieces. Give the pasta a final cool water rinse, loosening it up. Drain and place in a bowl. Add the Cilantro Pesto and the veggies and an additional 1/2 teaspoon salt, and possibly more to taste.
- Place on serving platter or in a bowl, top with halved cherry tomatoes, sprinkle with more pepitas and cilantro leaves and serve with lime wedges.

SOURCE: FEASTINGATHOME.COM

THE FLOW

CUSTOMER NEWSLETTER

June 2022 Edition 228 Georgetown Road, Jacksonville, NC 28540 (910)455-0722 www.onwasa.com



FROM THE DESK OF
FRANKY HOWARD, CEO

Time to prepare!



June is here, and with it brings Hurricane Season. Yes, I said it, but this is something we cannot ignore or simply forget about. This is especially true for those of us who work in the utility industry. Like most of you in your personal households, we at ONWASA take measures to be prepared for when a natural disaster occurs. Hurricane Florence was an event that will have lasting effects on eastern North Carolina as well as the many residents that lived through it, including myself. It also played a key role in the future resiliency of your water and wastewater infrastructure here at ONWASA. The leadership and staff here at ONWASA have been working diligently since Hurricane Florence to improve our infrastructure that serves you, our customers, both on a regular basis and during times of natural disasters. As an example, we have been making improvements to our standby generators as it relates to their expected run time. It is now our standard to ensure there is enough fuel capacity at our key facilities for generators to run continuously for three days. Extended run times will give time for the storm to pass and roads to be cleared before ONWASA staff have to make it around to all facilities to refuel generators. ONWASA is also making significant improvements to our Northwest Wastewater Treatment Plant after it was flooded in the aftermath of Hurricane Florence. These improvements are part of a FEMA funded hazard mitigation project designed to make the ONWASA WWTP more flood resilient beyond what we experienced in Hurricane Florence. This brings me to a request from me to you, please update ONWASA with your latest contact information. We use this to provide our customers with emergency updates and advisories as it relates to our water or sewer service we provide to your household or business. Our system can send out calls, texts, and even emails, but this tool is only as good as the information we are provided. So, for ONWASA to be our best at delivering timely and efficient customer service please take a moment to ensure we have the correct contact information for you.

ONWASA is also a proud member of NC Water WARN, which is a Water and Wastewater Agency Response (WARN) network. This is a group of utilities committed to helping each other conduct response and recovery operations across the State. This certainly came in handy during the aftermath of Hurricane Florence when we had teams come to assist our crews in the recovery efforts.

Speaking of employees, I cannot say enough just how talented of a team we have here at ONWASA. As the old saying goes, to surround yourself with great staff, well ONWASA had that covered for me before I took this new role. The Board of Directors promised me that we had great people and they were exactly right. Recently it seems, there has not been a week that has gone by where I have not received some sort of compliment about an individual on the ONWASA team. From a Facebook shoutout about a meter technician that went above and beyond to help a customer change a tire, to our passionate customer service team that brought a smile to a customer's face during a difficult time. I encourage you as customers to keep the feedback coming, good or bad, we use this information as a tool to recognize staff in those moments as well as to train them on how we can do better. This is the type of organization that anyone would be proud to work for, and with that I ask if you know of someone seeking a new career, send them our way. Our latest job postings may be viewed on our website at www.ONWASA.com

Continued on Page 2

IMPORTANT!

We need your correct contact information. We are not able to send you urgent notices or outage information without your correct email or phone number. Quickly and easily update your information in one of three ways!

1. Email us at updateinfo@onwasa.com with your ONWASA account number OR the last 4 digits of the account holder's social security number.
2. Call us at (910) 455-0722 with your account number or the last 4 digits of the account holder's social security number.
3. Go to onwasa.com, click on the "My Account Button" and then click "Customer Portal" to enter your customer portal and update your info.

-Continued from Page 1:

I will leave you with this as we go through June together this year, prepare yourself and your household to be as ready as possible when disaster strikes. The County Emergency Management team and State Department of Public Safety have great guides on preparedness. The more prepared we are in our personal lives has proven that we are better able to serve our friends and neighbors and employers when the time comes. From ONWASA's perspective, we know and expect that our employees are better suited to work during a disaster if they know their families are taken care of. I pray that Onslow County and all Eastern NC is given yet another quiet hurricane season, yet I am thankful and blessed to know that we are poised and ready for whatever comes our way! May all of you have a great June, enjoy the outdoors and some much needed family time as the 2022 school year comes to an end and summer begins. Thank you for being our customer!

Cuban Pork Chops with Mojo



Servings: 4

INGREDIENTS

- 1 cup plus 1/4 cup orange juice divided
- 1/2 cup plus 1/4 cup fresh lime juice, divided
- 1/4 cup white vinegar
- 4 (1-inch thick) bone in pork chops
- 1 tablespoon black pepper
- 2 tablespoons kosher salt
- 1 1/2 teaspoons ground cumin
- 1 tablespoon garlic powder
- 1 tablespoon onion powder
- 1 tablespoon dried oregano
- 3 tablespoons canola oil
- 1/4 cup chopped red onion
- 2 cloves garlic, chopped
- 1/4 cup white wine
- 1 cup watercress, for garnish
- 1 Roma tomato, chopped, for garnish
- 1/2 avocado, sliced, for garnish



DIRECTIONS

- In a gallon-sized resealable plastic bag, combine 1 cup orange juice, 1/2 cup lime juice, and vinegar. Add pork and let it sit and marinate for about 1 hour in refrigerator.
- In a small mixing bowl, combine all dried spices. Pat the pork chops dry with a paper towel and rub with the dry spice mixture.
- Heat oil in a large saute pan over high heat. Place the pork chops in the pan and sear on 1 side until brown. Flip over and turn the heat down to medium-low. Add onion and saute for 2 minutes. Then add the garlic and continue to cook until garlic begins to brown. Pour in the remaining 1/4 cup orange juice, 1/4 cup lime juice, and white wine. Simmer until the liquid is slightly reduced and begins to thicken. The chops should be cooked through.
- Remove the chops from pan and put on a warm plate. Continue to reduce juices in pan by half. Pour over the chops and serve immediately.
- Garnish with watercress, tomatoes and avocado

**Onslow Water & Sewer Authority
Budget Ordinance
Fiscal Year 2023-2024**

BE IT ORDAINED by the Board of Directors of the Onslow Water & Sewer Authority, Jacksonville, North Carolina:

SECTION I. The following revenues are estimated to be available for the appropriations made for the Fiscal Year beginning July 1, 2023 and ending June 30, 2024:

Revenue	
Water Revenue	-
Sewer Revenue	\$26,103,100
System Development Fees - Water	6,227,491
System Development Fees - Wastewater	2,000,000
Operating Fees and Charges	1,500,000
Fund Balance Appropriated	2,758,073
Interest Income	4,936,780
Miscellaneous Income	750,000
	48,000
Total Revenue	<u><u>\$44,323,444</u></u>
Appropriations	
Administrative Departments	\$11,393,819
Operations Departments	25,052,826
Transfer to Capital Projects	2,500,623
Debt Service	5,376,176
Total Appropriations	<u><u>\$44,323,444</u></u>

SECTION II. Pursuant to NCGS 159-13.2, the following appropriations are hereby made. Expenditures authorized by these appropriations may occur over multiple fiscal years. The following revenue is estimated to be available in the fiscal year the expenditures occur.

Revenue	
Fund 40 Capital Projects	-
Fund 42 Capital Projects	\$23,054,876
	77,053,715
Total Revenue	<u><u>\$100,108,591</u></u>
Appropriations	
Building Roof Replacements	760,000
Disaster Recovery	1,000,000
Emergency Power Systems Upgrades	850,000
Hargett Street & Shore Drive Pump Station Rehabilitation	390,000
Heather Loop Road Gravity Sewer Improvements	288,715
Holly Ridge & Summerhouse WWTPs Capacity Assessment	31,750,000
HWY 24 Regional Trunk Main Replacement	15,000,000
Kenwood/Bishop's Ridge Sewer Service Extension	2,325,000
Laboratory	2,711,750
Northwest Regional WRF Hurricane Florence	11,724,839
Piney Green Sewer Phase II – Hickory Grove Lagoon closure	1,234,790
Pumping Station Assessment/Rehabilitation	850,000
Regional Aquifer Study	175,000
Southwest Service Area Upgrades Project II	3,500,000
Summerhouse WRF Interim Capacity Projects	1,132,000

Water and Sewer Operational Improvements	2,000,000
Swansboro WWTP Renovation or Replacement	19,450,000
Topsail Island Booster Station	1,500,000
Water Supply Planning and Development	1,988,247
Warehouse	1,178,250
Water Main Interconnections Phase II	300,000
Total Appropriations	<u>\$100,108,591</u>

SECTION III. The CEO/Executive Director (Budget Officer) is hereby authorized to transfer appropriations as contained in the line-item budget accounts under the following conditions:

- A. Budget Officer may transfer funds between line-item expenditures within a division or department as long as the original operating or capital project fund appropriation amount is not changed.
- B. Budget Officer may transfer funds between divisions as long as the original fund appropriation amount is not changed. An official report of any transfers must be made to the Board of Directors at its next regular meeting following any transfers.
- C. Budget Officer may not transfer any amounts between funds, except as approved by the Board of Directors by an amendment to the Budget Ordinance.
- D. Budget Officer shall at each regular Board Meeting provide a line-item Budget Revenue and Summary Expenditure report showing the prior month's fiscal activity and, in a form, so prescribed and accepted by the Board of Directors.
- E. Budget Officer may authorize and execute purchases, contract change orders and contracts for services not to exceed the dollar thresholds for formal bids set forth in the North Carolina Public Contracting Statutes for any one purchase, change order or service contract without the prior approval of the Board of Directors.
- F. Budget Officer shall authorize an ONWASA funded 401K match, not to exceed 3% for each contributing employee.
- G. Budget Officer shall implement a 4% COLA to the Pay Plan to include all active employees effective the first full pay period in July 2023.
- H. Budget Officer shall update the ONWASA Pay Plan to include 2.5% steps to facilitate the new structured employee merit program.

SECTION IV. Copies of the Budget Ordinance, the line-item chart of accounts, and the Organizational Chart shall be furnished to the CEO/Executive Director and Finance staff to be kept on file by them for their direction in the disbursement of funds in the name of the Onslow Water and Sewer Authority.

Adopted the 15th day of June 2023.

Michael R Bennett, Chairman

Attest:

Heather Norris, Clerk to the Board



CONSUMER PRICE INDEX



March 2023

SOUTHEAST INFORMATION OFFICE • Atlanta, GA • 404-893-4222 • bls.gov/regions/southeast
For release: Wednesday, April 12, 2023

Group	All urban consumers			Wage earners & clerical workers		
	Index	Percent change		Index	Percent change	
		Mar 22 to Mar 23	Feb 23 to Mar 23		Mar 22 to Mar 23	Feb 23 to Mar 23
U.S. City Average¹						
All items (1982-84=100)	301.836	5.0	0.3	296.021	4.5	0.3
All items (1967=100)	904.167	-	-	881.755	-	-
Food and beverages	318.338	8.3	0.1	317.585	8.2	0.1
Housing	316.514	7.8	0.3	312.740	8.0	0.3
Apparel	133.112	3.3	0.8	132.906	3.3	0.8
Transportation	261.969	-1.0	0.9	265.390	-1.9	0.9
Medical care	547.805	1.5	-0.3	555.336	1.3	-0.6
Recreation ²	135.693	4.8	0.1	129.277	4.7	0.3
Education & communication ²	145.481	1.4	0.1	131.257	0.9	0.0
Other goods and services	528.811	6.1	0.5	582.772	6.0	0.5
South¹						
All items (1982-84=100)	293.358	5.3	0.4	288.746	4.7	0.4
All items (1977=100)	475.868	-	-	467.656	-	-
Food and beverages	313.239	8.3	0.1	312.208	8.2	0.1
Housing	295.573	9.3	0.4	296.325	9.6	0.3
Apparel	142.281	4.2	1.1	141.747	4.3	1.3
Transportation	263.496	-2.0	1.0	262.482	-2.9	1.0
Medical care	520.611	1.6	-0.2	535.045	1.7	-0.4
Recreation ²	135.715	5.4	-0.4	129.204	5.2	-0.2
Education & communication ²	140.731	1.3	0.2	123.506	0.4	0.2
Other goods and services	506.170	6.0	-0.1	552.269	6.1	-0.1
Group	All urban consumers			Wage earners & clerical workers		
	Index	Percent change		Index	Percent change	
		Mar 22 to Mar 23	Jan 23 to Mar 23		Mar 22 to Mar 23	Jan 23 to Mar 23
Tampa-St. Petersburg-Clearwater, FL³						
All items (1987=100)	288.319	7.7	1.1	284.618	7.1	1.0
Food and beverages	288.022	6.5	0.9	294.844	6.5	1.2
Housing	312.152	13.7	1.2	313.509	14.1	0.9
Apparel	152.467	7.3	1.7	134.872	4.7	2.7
Transportation	257.313	-1.1	1.0	276.745	-1.1	1.0
Medical care	478.133	4.1	1.0	492.742	4.3	1.0
Recreation ²	138.003	6.7	2.3	132.126	5.1	2.5
Education & communication ²	139.216	1.8	0.2	124.894	1.5	0.1
Other goods and services	341.947	4.6	-0.5	359.933	4.3	-0.2

¹Indexes on a 1982-84=100 base, unless otherwise noted.

²Indexes on a December 1997=100 base.

³Indexes on a 1987=100 base, unless otherwise noted.

- Data not available.

*Full survey for Tampa-St. Petersburg-Clearwater, FL is compiled every two months and is published for January, March, May, July, September, and November.

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BUDGET DETAIL

- SUMMARY OF REVENUE & EXPENDITURES
- REVENUE
- EXPENDITURES BY DEPARTMENT
- PROPOSED ANNUAL PROJECTS & EQUIPMENT
- DEBT SERVICE REQUIREMENTS



ONWASATM

**Proposed Budget FY 23-24
Summary of Revenue & Expenditures**

Revenue	Operating	Annual Capital	Total
Water/Sewer/Admin	\$35,280,964	\$4,936,780	\$40,217,744
System Development Fees - Water	2,000,000		2,000,000
Water Tap Fees	600,000		600,000
System Development Fees - Sewer	1,500,000		1,500,000
Sewer Tap Fees	5,700		5,700
Total	\$39,386,664	\$4,936,780	\$44,323,444

Expenditures	Operating	Annual Capital	Total
Administration	\$766,192	\$0	\$766,192
Administration - Operations	\$736,002	\$0	\$736,002
Information Technology	\$2,431,543	\$559,500	\$2,991,043
Finance	\$918,462	\$0	\$918,462
Engineering	\$1,325,999	\$52,500	\$1,378,499
Meters	\$1,949,975	\$163,000	\$2,112,975
Customer Service	\$2,092,933	\$0	\$2,092,933
Facilities Maintenance	\$1,884,130	\$423,000	\$2,307,130
Collections	\$2,548,985	\$1,731,272	\$4,280,257
Dixon WTP	\$3,052,269	\$84,000	\$3,136,269
Hubert WTP	\$3,570,844	\$596,027	\$4,166,871
Laboratory	\$616,738	\$0	\$616,738
Northwest Regional WRF	\$1,118,683	\$30,000	\$1,148,683
Southeast Regional WWTP	\$1,050,893	\$35,800	\$1,086,693
Swansboro WWTP	\$473,862	\$0	\$473,862
SCC	\$623,644	\$0	\$623,644
Human Resources	\$389,358	\$0	\$389,358
Non-Departmental	\$1,497,686	\$0	\$1,497,686
Distribution	\$3,153,383	\$1,172,000	\$4,325,383
Water Quality	\$308,284	\$89,681	\$397,965
Wastewater Purchases	\$900,000	\$0	\$900,000
Water Purchases	\$100,000	\$0	\$100,000
Debt Service	\$5,376,176	\$0	\$5,376,176
Transfer to Capital Projects	\$2,500,623		\$2,500,623
Total	\$39,386,664	\$4,936,780	\$44,323,444

Revenue				
Revenue Line Item	FY 22-23 Budget Approved	FY 22 - 23 YTD June Estimated	FY 23 - 24 Budget Recommended	FY 23 -24 Budget Approved
Water Revenue	\$23,400,000	\$23,889,307	\$26,000,000	\$0
Sprinkler	102,000	103,320	103,100	
System Development Fees - Water	1,750,000	2,326,383	2,000,000	
Tap Fees - Water	400,000	642,927	600,000	
Sewer Revenue	5,140,500	5,486,629	6,000,000	
System Development Fees - Sewer	950,000	1,540,843	1,500,000	
Tap Fees - Wastewater	5,500	-	5,700	
Sewer Reservation Fees	227,491	227,491	227,491	
Connection	500,000	372,648	514,800	
Suspension	625,000	941,472	665,073	
Meter Sales	165,000	147,048	176,550	
After Hours Calls	15,000	22,127	17,400	
Service Call Fee	1,500	2,267	1,700	
Inspection Fees	14,000	22,680	14,900	
Service Charge	2,500	4,867	2,600	
Late Fees	310,000	390,815	348,000	
Sewer Billing Fees	76,000	80,324	77,000	
Property Leases	27,500	28,291	27,500	
Bad Check Fees	12,000	14,933	12,000	
Tampering Fees	1,500	(200)	1,000	
Interest Earned on Investments	20,000	1,596,679	750,000	
Sale of Surplus Property	20,000	229	20,000	
Fireflow	2,000	3,200	2,500	
Line Flushing	1,000	2,092	1,800	
Plan Review Fees	2,000	3,800	2,500	
Plat Review Fees	300	200	300	
Landlord Transfer Fee	400	267	400	
Miscellaneous	40,000	90,760	48,000	
Timber Sales	170,000	461,387	265,000	
Collection of Written Off Accounts	500	1,628	750	
Manual Meter-Read Fee	500	600	600	
Letter of Credit/Property Letters	-	-		
Fund Balance Appropriated	1,750,000	2,425,605	4,936,780	
Total Revenue	\$35,732,191	\$40,830,619	\$44,323,444	\$0

Expenditure Statement - Administration

Expenditure Line Item	FY 22-23 Adopted Budget	Activity YTD Nov 22	Estimated FY 22-23	Department Requested FY 23-24 Budget	Management Recommended FY 23-24 Budget
SALARIES	245,000	95,842	230,022	309,880	309,880
LONGEVITY PAY	6,374	5,908	14,179	7,845	7,845
FICA	19,836	7,543	18,104	24,289	24,289
HOSPITALIZATION	89,572	27,976	67,143	77,652	77,652
DENTAL	864	346	830	864	864
VISION	149	60	143	149	149
LIFE INSURANCE	121	48	116	121	121
RETIREMENT	33,348	13,064	31,355	43,460	43,460
RETIREMENT (401K)	7,779	795	1,907	9,524	9,524
BOARD STIPEND/MEETINGS	18,600	7,500	18,000	18,000	18,000
PROFESSIONAL SERVICES	234,000	25,123	281,240	83,000	83,000
PROFESSIONAL SERVICES-LEGAL	35,000	5,693	13,662	70,000	70,000
POSTAGE	250	25	125	250	250
TELEPHONE	500	62	149	500	500
TRAVEL	3,060	633	4,832	5,060	5,060
TRAINING	2,000	0	1,200	5,300	5,300
DUES	2,336	1,805	4,572	5,068	5,068
RENT - EQUIPMENT	22,000	4,106	45,214	22,000	22,000
OFFICE SUPPLIES	2,000	5	720	2,000	2,000
DEPARTMENTAL SUPPLIES	8,000	343	9,902	8,000	8,000
CONTRACTED SERVICES	5,000	0	0	5,000	5,000
PROMOTION/PUBLIC RELATIONS	61,423	18,592	108,040	67,730	67,730
MISCELLANEOUS	500	0	0	500	500
Totals	797,712	215,469	851,454	766,192	766,192

Expenditure Statement - Administration Operations

Expenditure Line Item	FY 22-23 Adopted Budget	Activity YTD Nov 22	Estimated FY 22-23	Department Requested FY 23-24 Budget	Management Recommended FY 23-24 Budget
SALARIES	491,637	193,287	463,889	519,878	519,878
LONGEVITY PAY	12,129	12,300	29,520	15,800	15,800
OVERTIME	500	0	0	500	500
FICA	39,638	14,107	33,858	40,988	40,988
HOSPITALIZATION	40,425	12,957	31,097	36,502	36,502
DENTAL	2,160	692	1,661	2,159	2,159
VISION	372	119	286	373	373
LIFE INSURANCE	300	121	290	301	301
RETIREMENT	68,729	27,060	64,943	75,242	75,242
RETIREMENT (401K)	15,543	1,917	4,602	16,074	16,074
UNIFORMS	1,000	0	1,920	800	800
POSTAGE	100	10	24	100	100
TELEPHONE	200	62	149	300	300
TRAVEL	3,000	0	3,600	3,750	3,750
TRAINING	2,100	1,445	4,668	2,400	2,400
DUES	2,079	0	780	385	385
MAINTENANCE AND REPAIR - AUTO	3,400	142	5,148	2,400	2,400
OPERATING PERMITS	510	0	0	0	0
OFFICE SUPPLIES	400	116	787	400	400
DEPARTMENTAL SUPPLIES	2,000	427	2,416	2,000	2,000
FUEL	1,920	445	4,320	2,500	2,500
SAFETY PROGRAM	1,000	386	1,800	12,650	12,650
MISCELLANEOUS	500	0	1,200	500	500
Totals	689,642	265,593	656,957	736,002	736,002

Expenditure Statement - Information Technology

Expenditure Line Item	FY 22-23 Adopted Budget	Activity YTD Nov 22	Estimated FY 22-23	Department Requested FY 23-24 Budget	Management Recommended FY 23-24 Budget
SALARIES	550,470	194,933	467,838	647,099	647,099
LONGEVITY PAY	12,842	12,841	30,818	12,370	12,370
OVERTIME	1,000	0	0	1,000	1,000
FICA	44,413	14,391	34,538	50,490	50,490
HOSPITALIZATION	74,868	26,500	63,600	86,547	86,547
DENTAL	3,024	1,038	2,491	3,023	3,023
VISION	522	179	430	522	522
LIFE INSURANCE	422	145	348	422	422
RETIREMENT	77,114	27,615	66,275	92,670	92,670
RETIREMENT (401K)	17,419	5,848	14,035	19,800	19,800
UNIFORMS	800	270	960	400	400
PROFESSIONAL SERVICES	211,000	36,718	311,640	216,000	216,000
POSTAGE	300	25	60	100	100
TELEPHONE	650	117	281	500	500
COMMUNICATIONS	106,000	33,534	201,057	110,100	110,100
TRAVEL	10,000	1,173	6,136	10,000	10,000
TRAINING	26,000	250	15,000	30,000	30,000
DUES	0	0	0	3,300	3,300
EQUIPMENT MAINTENANCE CONTRACTS	802,600	271,299	1,299,966	899,500	899,500
MAINTENANCE AND REPAIR - AUTO	3,000	431	6,912	2,000	2,000
MAINTENANCE AND REPAIR - SCADA				40,000	40,000
OFFICE SUPPLIES	250	0	240	200	200
DEPARTMENTAL SUPPLIES	4,900	459	7,023	3,000	3,000
FUEL	2,000	230	4,560	1,500	1,500
NON-CAPITAL COMP/TECH EQUIPMENT	233,499	137,131	374,178	201,000	201,000
COMPUTER/TECH EQUIPMENT	370,655	9,431	370,817	559,500	559,500
Totals	2,553,748	774,555	3,279,204	2,991,043	2,991,043

Expenditure Statement - Finance

Expenditure Line Item	FY 22-23 Adopted Budget	Activity YTD Nov 22	Estimated FY 22-23	Department Requested FY 23-24 Budget	Management Recommended FY 23-24 Budget
SALARIES	457,466	200,996	482,390	539,304	539,304
LONGEVITY PAY	8,482	8,481	20,354	9,287	9,287
OVERTIME	1,000	1,052	2,525	2,000	2,000
FICA	36,633	14,677	35,224	42,032	42,032
HOSPITALIZATION	76,393	28,141	67,538	67,726	67,726
DENTAL	2,833	1,280	3,072	3,023	3,023
VISION	490	221	530	522	522
LIFE INSURANCE	396	179	429	422	422
RETIREMENT	64,044	28,052	67,324	77,344	77,344
RETIREMENT (401K)	14,425	5,001	12,002	16,482	16,482
UNIFORMS	600	288	1,038	1,100	1,100
PROFESSIONAL SERVICES	121,000	38,625	95,100	131,000	131,000
POSTAGE	7,000	2,375	5,701	7,500	7,500
TELEPHONE	700	227	546	750	750
TRAVEL	4,100	0	4,800	2,400	2,400
TRAINING	3,700	220	4,800	1,650	1,650
DUES	370	160	720	370	370
RENT - EQUIPMENT	7,000	845	10,267	7,000	7,000
OFFICE SUPPLIES	1,750	131	1,080	1,500	1,500
DEPARTMENTAL SUPPLIES	6,084	916	6,609	6,000	6,000
FUEL	200	0	456	100	100
FUEL FOR EQUIPMENT	200	0	0	100	100
CONTRACTED SERVICES	300	112	600	350	350
MISCELLANEOUS	500	18	284	500	500
Totals	815,666	331,997	823,389	918,462	918,462

Expenditure Statement - Engineering

Expenditure Line Item	FY 22-23 Adopted Budget	Activity YTD Nov 22	Estimated FY 22-23	Department Requested FY 23-24 Budget	Management Recommended FY 23-24 Budget
SALARIES	401,124	138,511	332,426	528,014	528,014
LONGEVITY PAY	5,815	5,815	13,956	7,891	7,891
OVERTIME	2,000	116	277	2,000	2,000
FICA	32,135	9,581	22,995	41,021	41,021
HOSPITALIZATION	68,232	24,370	58,487	72,269	72,269
DENTAL	2,592	865	2,076	3,023	3,023
VISION	447	149	358	522	522
LIFE INSURANCE	362	106	255	422	422
RETIREMENT	55,572	19,156	45,974	75,131	75,131
RETIREMENT (401K)	12,604	3,206	7,694	16,086	16,086
UNIFORMS	2,400	290	3,662	3,200	3,200
PROFESSIONAL SERVICES	361,000	47,844	487,084	530,000	530,000
POSTAGE	300	58	140	100	100
TELEPHONE	350	117	281	500	500
TRAVEL	1,500	0	1,200	1,500	1,500
TRAINING	3,000	50	2,520	4,000	4,000
DUES	200	0	480	1,300	1,300
MAINTENANCE AND REPAIR - EQUIPMENT	1,000	0	0	0	0
MAINTENANCE AND REPAIR - AUTO	6,000	1,146	8,520	7,500	7,500
OFFICE SUPPLIES	750	224	1,348	1,000	1,000
DEPARTMENTAL SUPPLIES	2,499	512	3,268	3,220	3,220
FUEL	0	0	0	1,000	1,000
CONTRACTED SERVICES	27,399	3,854	62,470	25,500	25,500
NON-CAPITAL EQUIPMENT	360	112	600	300	300
MISCELLANEOUS	500	200	720	500	500
VEHICLES	0	0	0	52,500	52,500
Totals	988,141	256,282	1,056,792	1,378,499	1,378,499

Expenditure Statement - Meters

Expenditure Line Item	FY 22-23 Adopted Budget	Activity YTD Nov 22	Estimated FY 22-23	Department Requested FY 23-24 Budget	Management Recommended FY 23-24 Budget
SALARIES	698,186	281,948	676,676	820,230	820,230
LONGEVITY PAY	11,679	11,606	27,854	14,535	14,535
OVERTIME	50,000	22,072	52,972	60,000	60,000
FICA	59,861	21,821	52,372	68,404	68,404
HOSPITALIZATION	144,717	52,382	125,718	133,429	133,429
DENTAL	6,909	2,664	6,394	6,909	6,909
VISION	1,192	460	1,103	1,192	1,192
LIFE INSURANCE	963	372	892	964	964
RETIREMENT	102,434	41,431	99,435	123,984	123,984
RETIREMENT (401K)	23,475	7,554	18,128	26,825	26,825
UNIFORMS	9,000	2,972	17,543	10,600	10,600
POSTAGE	2,200	1,292	3,100	2,500	2,500
TELEPHONE	500	7	16	200	200
TRAVEL	2,237	0	3,600	2,425	2,425
TRAINING	1,670	200	3,360	4,815	4,815
DUES	993	992	2,381	713	713
MAINTENANCE AND REPAIR	420,000	177,167	429,283	471,000	471,000
MAINTENANCE AND REPAIR - EQUIPMENT	4,000	222	5,760	4,200	4,200
MAINTENANCE AND REPAIR - AUTO	50,000	12,078	68,050	45,000	45,000
OFFICE SUPPLIES	700	58	380	700	700
DEPARTMENTAL SUPPLIES	20,000	4,179	17,016	21,000	21,000
FUEL	141,000	22,776	321,480	125,000	125,000
FUEL FOR EQUIPMENT	200	0	240	2,000	2,000
NON-CAPITAL EQUIPMENT				2,850	2,850
MISCELLANEOUS	500	64	393	500	500
EQUIPMENT	0			44,000	44,000
VEHICLES	77,983	59,231	172,659	119,000	119,000
COMPUTER/TECH EQUIPMENT	55,300	0	132,720	0	0
Totals	1,885,699	723,547	2,239,525	2,112,975	2,112,975

Expenditure Statement - Customer Service

Expenditure Line Item	FY 22-23 Adopted Budget	Activity YTD Nov 22	Estimated FY 22-23	Department Requested FY 23-24 Budget	Management Recommended FY 23-24 Budget
SALARIES	645,938	220,742	529,782	820,837	820,837
LONGEVITY PAY	8,056	7,508	8,056	10,598	10,598
OVERTIME	4,000	116	278	4,000	4,000
FICA	51,815	15,834	38,003	63,864	63,864
HOSPITALIZATION	136,710	28,506	68,414	116,805	116,805
DENTAL	6,667	2,076	4,982	6,909	6,909
VISION	1,151	358	860	1,192	1,192
LIFE INSURANCE	930	289	695	964	964
RETIREMENT	90,314	30,512	73,229	117,955	117,955
RETIREMENT (401K)	20,262	4,559	10,942	25,046	25,046
PROFESSIONAL SERVICES	550,000	158,995	550,000	591,370	591,370
POSTAGE	272,000	102,774	246,658	272,000	272,000
TELEPHONE	1,000	338	810	1,000	1,000
TRAVEL	4,000	0	0	4,000	4,000
TRAINING	6,050	0	0	6,195	6,195
RENT - EQUIPMENT	37,160	9,868	37,160	25,460	25,460
OFFICE SUPPLIES	3,000	448	3,123	3,000	3,000
DEPARTMENTAL SUPPLIES	11,580	3,090	11,580	18,208	18,208
FUEL	500	84	1,140	700	700
CONTRACTED SERVICES	2,340	285	2,340	2,580	2,580
MISCELLANEOUS	250	0	240	250	250
CASH OVER/SHORT	0	0	0	0	0
Totals	1,853,723	586,383	1,588,291	2,092,933	2,092,933

Expenditure Statement - Facilities Maintenance

Expenditure Line Item	FY 22-23 Adopted Budget	Activity YTD Nov 22	Estimated FY 22-23	Department Requested FY 23-24 Budget	Management Recommended FY 23-24 Budget
SALARIES	127,914	53,184	127,642	290,703	290,703
LONGEVITY PAY	1,542	1,542	1,542	2,401	2,401
OVERTIME	2,000	442	1,061	3,000	3,000
FICA	10,363	3,927	9,425	22,443	22,443
HOSPITALIZATION	24,255	6,479	15,549	43,802	43,802
DENTAL	1,296	519	1,246	2,591	2,591
VISION	225	90	215	447	447
LIFE INSURANCE	180	64	153	362	362
RETIREMENT	17,858	7,269	17,446	41,062	41,062
RETIREMENT (401K)	4,065	595	1,429	8,800	8,800
UNIFORMS	2,000	293	2,000	4,100	4,100
POSTAGE	50	0	0	50	50
TELEPHONE	220	7	16	200	200
UTILITIES	73,000	23,621	56,691	78,000	78,000
TRAVEL	840	838	840	1,662	1,662
TRAINING	330	0	330	1,520	1,520
DUES	510	0	510	974	974
MAINTENANCE AND REPAIR	187,028	83,959	187,028	205,730	205,730
MAINTENANCE AND REPAIR - TANKS	224,362	62,209	224,362	334,850	334,850
MAINTENANCE AND REPAIR - EQUIPMENT	13,008	4,118	14,122	13,008	13,008
EQUIPMENT MAINTENANCE CONTRACTS	95,000	88,971	95,000	130,000	130,000
MAINTENANCE AND REPAIR - AUTO	15,765	7,031	25,836	18,000	18,000
OPERATING PERMITS	125	0	0	125	125
RENT - EQUIPMENT	500	0	0	500	500
OFFICE SUPPLIES	100	33	200	100	100
DEPARTMENTAL SUPPLIES	9,000	1,385	9,000	11,550	11,550
FUEL	10,500	2,454	10,500	21,000	21,000
FUEL FOR EQUIPMENT	28,500	14,301	53,700	80,000	80,000
CONTRACTED SERVICES	534,050	166,122	534,050	564,600	564,600
NON-CAPITAL EQUIPMENT	7,500	1,375	10,788	2,550	2,550
OTHER IMPROVEMENTS	270,000	226,901	270,000	214,000	214,000
EQUIPMENT	66,000	0	57,600	20,000	20,000
VEHICLES				189,000	189,000
Totals	1,728,086	757,730	1,728,281	2,307,130	2,307,130

Expenditure Statement - Collections

Expenditure Line Item	FY 22-23 Adopted Budget	Activity YTD Nov 22	Estimated FY 22-23	Department Requested FY 23-24 Budget	Management Recommended FY 23-24 Budget
SALARIES	518,266	208,800	501,119	902,919	902,919
LONGEVITY PAY	11,626	10,257	11,626	11,338	11,338
OVERTIME	24,999	3,820	9,167	30,000	30,000
FICA	43,622	15,607	37,458	71,774	71,774
HOSPITALIZATION	88,938	32,393	77,743	124,105	124,105
DENTAL	4,750	1,661	3,986	7,341	7,341
VISION	820	298	716	1,267	1,267
LIFE INSURANCE	663	232	556	1,025	1,025
RETIREMENT	74,751	29,349	70,438	130,055	130,055
RETIREMENT (401K)	17,107	5,230	12,553	28,145	28,145
UNIFORMS	6,000	2,272	13,163	10,200	10,200
POSTAGE	50	23	55	50	50
TELEPHONE	4,000	647	1,553	2,000	2,000
UTILITIES	179,500	46,660	111,985	188,475	188,475
TRAVEL	5,073	0	4,800	6,572	6,572
TRAINING	7,250	485	5,964	10,760	10,760
DUES	686	129	1,646	2,636	2,636
MAINTENANCE AND REPAIR	474,000	93,998	332,675	497,700	497,700
MAINTENANCE AND REPAIR - EQUIPMENT	19,332	5,749	39,908	20,500	20,500
EQUIPMENT MAINTENANCE CONTRACTS	50,547	40,266	50,547	61,108	61,108
MAINTENANCE AND REPAIR - AUTO	44,652	35,220	44,652	80,000	80,000
OPERATING PERMITS	1,310	0	0	1,310	1,310
TREATMENT SUPPLIES	90,285	10,770	90,285	114,000	114,000
RENT - EQUIPMENT	1,000	225	1,200	2,000	2,000
OFFICE SUPPLIES	120	119	285	120	120
DEPARTMENTAL SUPPLIES	15,000	5,517	23,897	17,000	17,000
FUEL	80,000	17,657	80,000	106,000	106,000
FUEL FOR EQUIPMENT	2,000	1,058	4,800	6,000	6,000
CONTRACTED SERVICES	21,800	5,805	21,800	22,240	22,240
NON-CAPITAL EQUIPMENT	5,000	898	10,550	87,095	87,095
PENALTIES & ASSESSMENTS	5,000	0	0	5,000	5,000
MISCELLANEOUS	250	0	600	250	250
OTHER IMPROVEMENTS	66,390	0	66,390	595,110	595,110
EQUIPMENT	201,500	67,622	201,500	820,162	820,162
VEHICLES	249,000	55,220	249,000	316,000	316,000
Totals	2,315,287	697,987	2,082,617	4,280,257	4,280,257

Expenditure Statement - Dixon

Expenditure Line Item	FY 22-23 Adopted Budget	Activity YTD Nov 22	Estimated FY 22-23	Department Requested FY 23-24 Budget	Management Recommended FY 23-24 Budget
SALARIES	290,849	117,707	282,498	451,835	451,835
LONGEVITY PAY	4,917	4,903	4,917	7,271	7,271
OVERTIME	11,000	2,070	4,967	13,000	13,000
FICA	24,120	8,643	20,742	36,013	36,013
HOSPITALIZATION	70,629	24,026	57,661	75,040	75,040
DENTAL	2,592	969	2,325	3,023	3,023
VISION	447	167	401	522	522
LIFE INSURANCE	362	135	324	422	422
RETIREMENT	42,151	16,665	39,996	66,537	66,537
RETIREMENT (401K)	9,459	2,978	7,147	14,123	14,123
UNIFORMS	3,500	1,663	8,304	5,540	5,540
PROFESSIONAL SERVICES	65,775	9,003	65,775	59,775	59,775
POSTAGE	100	36	87	100	100
TELEPHONE	700	123	296	700	700
UTILITIES	513,440	90,669	217,605	360,000	360,000
TRAVEL	11,100	168	12,402	14,800	14,800
TRAINING	3,890	605	6,480	7,290	7,290
DUES	1,170	50	1,320	1,080	1,080
MAINTENANCE AND REPAIR	320,278	69,239	330,923	317,491	317,491
MAINTENANCE AND REPAIR - LAGOONS	27,627	0	0	480,000	480,000
MAINTENANCE AND REPAIR - TANKS	65,845	48,435	65,845	63,842	63,842
MAINTENANCE AND REPAIR - EQUIPMENT	1,500	0	600	1,500	1,500
EQUIPMENT MAINTENANCE CONTRACTS	1,000	0	0	1,000	1,000
MAINTENANCE AND REPAIR - AUTO	8,000	642	17,088	8,000	8,000
OPERATING PERMITS	860	860	2,064	860	860
TREATMENT SUPPLIES	461,498	190,043	461,498	995,680	995,680
LAB TREATMENT SUPPLIES	6,075	5,003	13,745	7,725	7,725
RENT - EQUIPMENT	1,000	0	0	1,000	1,000
OFFICE SUPPLIES	1,000	534	1,666	500	500
DEPARTMENTAL SUPPLIES	5,000	1,536	7,567	5,000	5,000
FUEL	21,000	3,392	21,000	22,500	22,500
FUEL FOR EQUIPMENT	12,500	0	4,800	14,500	14,500
CONTRACTED SERVICES	9,500	5,225	9,500	12,100	12,100
NON-CAPITAL EQUIPMENT	3,500	2,032	3,500	3,500	3,500
NON-CAPITAL COMP/TECH EQUIPMENT	3,500	0	0	0	0
EQUIPMENT	28,418	17,100	68,203	0	0
VEHICLES	2,613	2,613	6,270	84,000	84,000
COMPUTER/TECH EQUIPMENT	0	0	0	0	0
Totals	2,036,915	627,234	1,747,517	3,136,269	3,136,269

Expenditure Statement - Hubert

Expenditure Line Item	FY 22-23 Adopted Budget	Activity YTD Nov 22	Estimated FY 22-23	Department Requested FY 23-24 Budget	Management Recommended FY 23-24 Budget
SALARIES	301,128	123,173	295,614	447,295	447,295
LONGEVITY PAY	6,348	6,348	6,348	8,774	8,774
OVERTIME	11,000	6,207	14,897	13,000	13,000
FICA	25,042	9,474	22,738	35,781	35,781
HOSPITALIZATION	48,513	19,436	46,646	51,102	51,102
DENTAL	2,592	1,038	2,491	3,023	3,023
VISION	447	179	430	522	522
LIFE INSURANCE	362	145	348	422	422
RETIREMENT	43,769	18,148	43,554	66,107	66,107
RETIREMENT (401K)	9,819	3,261	7,826	14,032	14,032
UNIFORMS	3,800	689	8,267	4,600	4,600
PROFESSIONAL SERVICES*	13,500	1,361	8,400	13,500	13,500
POSTAGE	300	84	442	300	300
TELEPHONE	500	65	156	350	350
UTILITIES	705,480	183,272	439,853	670,000	670,000
TRAVEL	6,800	340	3,216	8,500	8,500
TRAINING	2,560	300	1,920	4,525	4,525
DUES	780	0	240	905	905
MAINTENANCE AND REPAIR	322,799	111,387	322,799	905,800	905,800
MAINTENANCE AND REPAIR - LAGOONS	28,000	0	240	275,000	275,000
MAINTENANCE AND REPAIR - TANKS	115,545	48,436	115,545	64,436	64,436
MAINTENANCE AND REPAIR - EQUIPMENT	1,500	0	1,200	1,500	1,500
MAINTENANCE AND REPAIR - AUTO	11,000	1,796	16,800	11,000	11,000
OPERATING PERMITS	860	860	2,064	860	860
TREATMENT SUPPLIES	485,985	232,018	485,985	885,295	885,295
LAB TREATMENT SUPPLIES	7,950	1,065	4,859	8,390	8,390
RENT - EQUIPMENT	1,000	0	0	1,000	1,000
OFFICE SUPPLIES	400	62	480	500	500
DEPARTMENTAL SUPPLIES	3,500	782	5,462	3,800	3,800
FUEL	24,500	3,628	55,860	21,500	21,500
FUEL FOR EQUIPMENT	10,850	0	14,400	21,525	21,525
CONTRACTED SERVICES	13,500	6,761	28,462	19,500	19,500
NON-CAPITAL EQUIPMENT	5,650	3,200	7,681	2,000	2,000
PENALTIES & ASSESSMENTS	6,900	0	0	6,000	6,000
OTHER IMPROVEMENTS	175,868	139,368	175,868	545,827	545,827
VEHICLES	2,613	2,613	2,613	50,200	50,200
Totals	2,401,160	925,494	2,143,703	4,166,871	4,166,871

Expenditure Statement - Laboratory

Expenditure Line Item	FY 22-23 Adopted Budget	Activity YTD Nov 22	Estimated FY 22-23	Department Requested FY 23-24 Budget	Management Recommended FY 23-24 Budget
SALARIES	191,981	80,049	192,117	294,139	294,139
LONGEVITY PAY	4,445	4,445	4,445	6,752	6,752
FICA	15,465	6,026	14,463	22,934	22,934
HOSPITALIZATION	24,255	6,479	15,549	29,201	29,201
DENTAL	1,296	346	830	1,727	1,727
VISION	225	60	143	298	298
LIFE INSURANCE	180	72	174	241	241
RETIREMENT	26,646	11,138	26,731	41,801	41,801
RETIREMENT (401K)	6,065	2,401	5,763	8,995	8,995
UNIFORMS	0	0	0	0	0
PROFESSIONAL SERVICES	43,000	19,060	43,000	50,000	50,000
POSTAGE	1,000	306	735	750	750
TELEPHONE	500	7	16	200	200
TRAVEL	0	0	0	0	0
TRAINING	0	0	0	0	0
DUES	0	0	0	0	0
MAINTENANCE & REPAIR - EQUIPMENT				15,000	15,000
EQUIPMENT MAINTENANCE CONTRACTS	37,500	5,293	29,371	41,250	41,250
OPERATING PERMITS	4,550	3,167	4,550	4,850	4,850
TREATMENT SUPPLIES	0	0	0	0	0
LAB TREATMENT SUPPLIES	64,000	33,898	64,000	80,000	80,000
OFFICE SUPPLIES	250	0	240	250	250
DEPARTMENTAL SUPPLIES	4,000	2,106	7,195	4,000	4,000
FUEL	150	0	240	100	100
NON-CAPITAL EQUIPMENT	11,000	0	10,770	14,250	14,250
Totals	436,508	174,853	420,331	616,738	616,738

Expenditure Statement - Northwest Regional WRF

Expenditure Line Item	FY 22-23 Adopted Budget	Activity YTD Nov 22	Estimated FY 22-23	Department Requested FY 23-24 Budget	Management Recommended FY 23-24 Budget
SALARIES	298,887	105,959	254,302	387,476	387,476
LONGEVITY PAY	3,086	3,673	3,086	6,557	6,557
OVERTIME	6,000	1,802	4,325	6,000	6,000
FICA	24,039	7,669	18,405	30,581	30,581
HOSPITALIZATION	48,513	18,788	45,091	43,802	43,802
DENTAL	2,592	657	1,578	2,591	2,591
VISION	447	143	344	447	447
LIFE INSURANCE	362	116	278	362	362
RETIREMENT	42,009	14,887	35,730	56,474	56,474
RETIREMENT (401K)	9,427	3,106	7,454	11,992	11,992
UNIFORMS	3,000	631	6,485	3,400	3,400
POSTAGE	50	0	0	50	50
TELEPHONE	500	65	156	500	500
UTILITIES	152,500	29,657	71,176	156,309	156,309
TRAVEL	10,200	0	0	10,000	10,000
TRAINING	1,755	438	2,844	4,625	4,625
DUES	330	0	660	330	330
MAINTENANCE AND REPAIR	56,000	1,310	48,350	102,573	102,573
MAINTENANCE AND REPAIR - TANKS				52,447	52,447
MAINTENANCE AND REPAIR - EQUIPMENT	3,850	229	1,680	5,600	5,600
EQUIPMENT MAINTENANCE CONTRACTS	7,040	1,403	9,032	0	0
MAINTENANCE AND REPAIR - AUTO	6,000	247	12,415	10,000	10,000
OPERATING PERMITS	1,410	1,410	3,384	1,410	1,410
TREATMENT SUPPLIES	61,243	4,784	61,243	107,817	107,817
LAB TREATMENT SUPPLIES	10,000	3,139	10,000	11,000	11,000
OFFICE SUPPLIES	500	118	492	500	500
DEPARTMENTAL SUPPLIES	5,000	789	5,139	5,500	5,500
FUEL	10,500	1,739	10,500	9,000	9,000
FUEL FOR EQUIPMENT	1,000	0	1,000	12,000	12,000
CONTRACTED SERVICES	8,885	2,638	8,885	18,140	18,140
CONTRACTED SERVICES - SLUDGE	44,000	23,040	44,000	58,500	58,500
PENALTIES & ASSESSMENTS	5,000	891	2,137	2,500	2,500
MISCELLANEOUS	200	35	240	200	200
OTHER IMPROVEMENTS	0	0	0	30,000	30,000
VEHICLES	2,725	2,725	2,725	0	0
Totals	827,050	232,088	673,136	1,148,683	1,148,683

Expenditure Statement - Southeast Regional WWTP

Expenditure Line Item	FY 22-23 Adopted Budget	Activity YTD Nov 22	Estimated FY 22-23	Department Requested FY 23-24 Budget	Management Recommended FY 23-24 Budget
SALARIES	137,262	57,147	137,152	183,140	183,140
LONGEVITY PAY	150	150	150	1,353	1,353
OVERTIME	3,000	265	636	3,000	3,000
FICA	11,034	3,781	9,074	14,333	14,333
HOSPITALIZATION	24,255	9,718	23,323	21,901	21,901
DENTAL	1,296	519	1,246	1,295	1,295
VISION	225	90	215	224	224
LIFE INSURANCE	180	72	174	181	181
RETIREMENT	19,197	7,658	18,378	26,379	26,379
RETIREMENT (401K)	4,327	752	1,804	5,620	5,620
UNIFORMS	2,000	465	3,622	1,950	1,950
POSTAGE	50	0	0	50	50
TELEPHONE	800	123	296	800	800
UTILITIES	125,000	28,672	68,814	138,000	138,000
TRAVEL	5,100	0	0	6,000	6,000
TRAINING	1,920	0	0	1,995	1,995
DUES	219	0	219	165	165
PROFESSIONAL SERVICES				10,000	10,000
MAINTENANCE AND REPAIR	91,680	7,862	48,848	141,200	141,200
MAINTENANCE AND REPAIR - EQUIPMENT	7,100	6,193	7,100	6,500	6,500
EQUIPMENT MAINTENANCE CONTRACTS	6,475	4,852	6,475	9,160	9,160
MAINTENANCE AND REPAIR - AUTO	10,500	1,037	10,500	8,000	8,000
OPERATING PERMITS	2,619	1,310	2,619	5,240	5,240
TREATMENT SUPPLIES	77,828	23,057	56,843	134,160	134,160
LAB TREATMENT SUPPLIES	4,750	249	3,000	19,882	19,882
RENT - EQUIPMENT	8,000	405	8,000	8,000	8,000
OFFICE SUPPLIES	500	210	701	500	500
DEPARTMENTAL SUPPLIES	5,000	827	6,255	5,200	5,200
FUEL	15,100	2,415	15,100	18,500	18,500
FUEL FOR EQUIPMENT	2,000	0	2,400	7,850	7,850
CONTRACTED SERVICES	21,005	5,191	21,005	22,565	22,565
CONTRACTED SERVICES - SLUDGE	57,200	53,040	57,200	229,950	229,950
NON-CAPITAL EQUIPMENT	2,250	0	0	14,300	14,300
PENALTIES & ASSESSMENTS	1,500	1,141	1,500	3,000	3,000
MISCELLANEOUS	500	0	0	500	500
EQUIPMENT	20,000	20,000	20,000	13,800	13,800
VEHICLES				22,000	22,000
Totals	670,022	237,202	532,646	1,086,693	1,086,693

Expenditure Statement - Swansboro Regional WWTP

Expenditure Line Item	FY 22-23 Adopted Budget	Activity YTD Nov 22	Estimated FY 22-23	Department Requested FY 23-24 Budget	Management Recommended FY 23-24 Budget
SALARIES	78,605	33,322	79,972	120,711	120,711
LONGEVITY PAY	705	705	705	983	983
OVERTIME	2,001	1,722	4,133	3,000	3,000
FICA	6,403	2,278	5,467	9,532	9,532
HOSPITALIZATION	16,171	6,479	15,549	14,601	14,601
DENTAL	864	346	830	864	864
VISION	150	60	143	149	149
LIFE INSURANCE	120	48	116	121	121
RETIREMENT	11,232	4,797	11,514	17,657	17,657
RETIREMENT (401K)	2,510	1,051	2,523	3,737	3,737
UNIFORMS	2,000	287	2,649	2,000	2,000
POSTAGE	50	0	0	50	50
TELEPHONE	700	199	478	700	700
UTILITIES	64,000	21,203	50,888	67,236	67,236
TRAVEL	3,400	0	0	4,000	4,000
TRAINING	1,680	50	3,720	1,770	1,770
DUES	110	0	264	110	110
MAINTENANCE AND REPAIR	41,250	5,711	41,250	48,750	48,750
MAINTENANCE AND REPAIR - EQUIPMENT	3,500	0	1,200	3,500	3,500
EQUIPMENT MAINTENANCE CONTRACTS	500	0	720	0	0
MAINTENANCE AND REPAIR - AUTO	8,000	825	8,000	8,000	8,000
OPERATING PERMITS	2,170	2,170	5,208	2,170	2,170
TREATMENT SUPPLIES	11,035	135	9,600	21,920	21,920
LAB TREATMENT SUPPLIES	3,000	230	4,320	3,801	3,801
RENT - EQUIPMENT	1,600	1,080	3,840	8,000	8,000
OFFICE SUPPLIES	350	0	480	350	350
DEPARTMENTAL SUPPLIES	5,500	207	3,560	5,500	5,500
FUEL	4,800	960	10,944	7,000	7,000
FUEL FOR EQUIPMENT	1,800	0	2,400	4,000	4,000
CONTRACTED SERVICES	4,060	1,668	9,504	4,900	4,900
CONTRACTED SERVICES - SLUDGE	105,000	28,800	105,000	106,500	106,500
PENALTIES & ASSESSMENTS	2,000	0	0	2,000	2,000
MISCELLANEOUS	250	36	240	250	250
Totals	385,516	114,369	385,217	473,862	473,862

Expenditure Statement - SCC

Expenditure Line Item	FY 22-23 Adopted Budget	Activity YTD Nov 22	Estimated FY 22-23	Department Requested FY 23-24 Budget	Management Recommended FY 23-24 Budget
SALARIES	302,416	119,407	286,577	384,241	384,241
LONGEVITY PAY	1,407	1,432	3,437	3,004	3,004
OVERTIME	13,500	4,761	11,427	13,500	13,500
FICA	24,761	8,716	20,919	30,636	30,636
HOSPITALIZATION	98,258	32,666	78,398	95,021	95,021
DENTAL	3,024	1,211	2,906	3,023	3,023
VISION	522	209	501	522	522
LIFE INSURANCE	422	169	406	422	422
RETIREMENT	43,275	16,788	40,292	56,576	56,576
RETIREMENT (401K)	9,710	1,918	4,604	12,014	12,014
TELEPHONE	500	65	156	350	350
TRAVEL	2,000	1,492	3,978	15,300	15,300
TRAINING	1,100	705	1,692	5,895	5,895
DUES	245	0	0	630	630
OFFICE SUPPLIES	250	0	600	250	250
DEPARTMENTAL SUPPLIES	801	293	704	1,160	1,160
FUEL	200	0	240	100	100
NON-CAPITAL EQUIPMENT				1,000	1,000
Totals	502,391	189,834	456,838	623,644	623,644

Expenditure Statement - Human Resources

Expenditure Line Item	FY 22-23 Adopted Budget	Activity YTD Nov 22	Estimated FY 22-23	Department Requested FY 23-24 Budget	Management Recommended FY 23-24 Budget
SALARIES	166,203	69,475	166,740	210,528	210,528
LONGEVITY PAY	2,292	2,293	2,292	3,130	3,130
OVERTIME	1,000	27	66	1,000	1,000
FICA	13,383	4,928	11,828	16,409	16,409
HOSPITALIZATION	16,170	6,479	15,549	14,601	14,601
DENTAL	864	346	830	864	864
VISION	149	60	143	149	149
LIFE INSURANCE	120	48	116	121	121
RETIREMENT	23,316	9,568	22,963	30,225	30,225
RETIREMENT (401K)	5,247	1,932	4,636	6,434	6,434
MEDICINE & DRUGS/VACCINATIONS/SCREENING	8,825	2,392	8,141	10,160	10,160
POSTAGE	250	11	146	100	100
TELEPHONE	400	118	284	400	400
TRAVEL	4,100	679	5,468	4,000	4,000
TRAINING	6,750	3,152	7,584	10,050	10,050
DUES	375	375	900	400	400
ADVERTISING	2,500	0	1,440	2,500	2,500
OFFICE SUPPLIES	500	56	840	850	850
DEPARTMENTAL SUPPLIES	3,250	56	3,735	6,000	6,000
CONTRACTED SERVICES	71,130	15,025	86,529	71,437	71,437
Totals	326,824	117,020	340,230	389,358	389,358

Expenditure Statement - Non-Departmental

Expenditure Line Item	FY 22-23 Adopted Budget	Activity YTD Nov 22	Estimated FY 22-23	Department Requested FY 23-24 Budget	Management Recommended FY 23-24 Budget
UNEMPLOYMENT	20,000	2,489	5,973	20,000	20,000
RESERVE INSURANCE DEDUCTIBLE	7,000	875	2,100	7,000	7,000
WORKMAN'S COMPENSATION INSURANCE	96,000	79,735	96,000	115,200	115,200
PROFESSIONAL SERVICES	60,500	22,826	64,743	60,500	60,500
MAINTENANCE AND REPAIR - AUTO	25,000	7,009	27,469	25,000	25,000
RENT-REAL ESTATE	1,000	0	0	1,000	1,000
AUTO INSURANCE	36,000	28,016	36,000	39,600	39,600
GENERAL INSURANCE	546,000	550,120	546,000	624,386	624,386
SATELLITE OFFICE EXPENSE - HOLLY RIDGE	35,000	14,583	35,000	35,000	35,000
SATELLITE OFFICE EXPENSE - RICHLANDS	35,000	14,583	35,000	35,000	35,000
SATELLITE OFFICE EXPENSE - SWANSBORO	35,000	14,583	35,000	35,000	35,000
SALARIES AND SUPPLIES	748,897	0	0	500,000	500,000
Totals	1,645,397	734,820	883,285	1,497,686	1,497,686

Expenditure Statement - Distribution

Expenditure Line Item	FY 22-23 Adopted Budget	Activity YTD Nov 22	Estimated FY 22-23	Department Requested FY 23-24 Budget	Management Recommended FY 23-24 Budget
SALARIES	1,088,175	404,898	971,755	1,227,878	1,227,878
LONGEVITY PAY	8,393	8,268	8,393	9,898	9,898
OVERTIME	50,000	23,842	57,221	60,000	60,000
FICA	89,655	30,158	72,379	99,148	99,148
HOSPITALIZATION	229,294	70,207	168,496	213,398	213,398
DENTAL	10,363	3,564	8,553	10,363	10,363
VISION	1,788	639	1,532	1,788	1,788
LIFE INSURANCE	1,447	521	1,251	1,447	1,447
RETIREMENT	154,281	57,835	138,804	180,482	180,482
RETIREMENT (401K)	35,160	8,783	21,079	38,880	38,880
UNIFORMS	12,500	5,371	29,723	14,600	14,600
POSTAGE	100	0	0	100	100
TELEPHONE	500	7	16	200	200
UTILITIES	32,500	6,817	16,360	34,125	34,125
TRAVEL	18,622	1,876	23,457	19,285	19,285
TRAINING	16,685	4,947	25,853	17,600	17,600
DUES	1,466	50	3,518	3,339	3,339
MAINTENANCE AND REPAIR	519,000	266,070	519,000	607,500	607,500
MAINTENANCE AND REPAIR - EQUIPMENT	74,235	15,864	60,540	77,947	77,947
MAINTENANCE AND REPAIR - AUTO	125,000	63,548	125,000	165,000	165,000
OPERATING PERMITS	5,300	5,250	12,600	5,300	5,300
LAB SUPPLIES	14,357	4,103	24,000	0	0
RENT - EQUIPMENT	9,000	5,958	18,794	15,000	15,000
OFFICE SUPPLIES	1,100	67	640	1,155	1,155
DEPARTMENTAL SUPPLIES	49,000	16,831	50,806	58,500	58,500
FUEL	153,000	33,387	348,840	125,000	125,000
FUEL FOR EQUIPMENT	5,200	1,755	11,856	12,000	12,000
CONTRACTED SERVICES	209,800	3,647	21,600	117,600	117,600
NON-CAPITAL EQUIPMENT	140,300	7,431	30,862	30,500	30,500
PENALTIES & ASSESSMENTS	5,000	0	0	5,000	5,000
MISCELLANEOUS	350	200	720	350	350
EQUIPMENT	277,000	227,462	556,469	593,000	593,000
VEHICLES	559,542	165	559,542	579,000	579,000
Totals	3,898,113	1,279,520	3,889,658	4,325,383	4,325,383

Expenditure Statement - Water Quality

Expenditure Line Item	FY 22-23 Adopted Budget	Activity YTD Nov 22	Estimated FY 22-23	Department Requested FY 23-24 Budget	Management Recommended FY 23-24 Budget
SALARIES	0	0	0	108,380	108,380
LONGEVITY PAY				2,000	2,000
OVERTIME				1,824	1,824
FICA				8,431	8,431
HOSPITALIZATION				14,601	14,601
DENTAL				864	864
VISION				149	149
LIFE INSURANCE				121	121
RETIREMENT				15,275	15,275
RETIREMENT (401K)				3,305	3,305
UNIFORMS				1,200	1,200
TRAVEL				1,704	1,704
TRAINING				1,330	1,330
DUES				212	212
MAINTENANCE AND REPAIR				7,300	7,300
MAINTENANCE AND REPAIR - EQUIPMENT				0	0
MAINTENANCE AND REPAIR - AUTO				5,000	5,000
OPERATING PERMITS				0	0
LAB SUPPLIES				42,317	42,317
RENT - EQUIPMENT				0	0
OFFICE SUPPLIES				500	500
DEPARTMENTAL SUPPLIES				24,551	24,551
FUEL				17,500	17,500
FUEL FOR EQUIPMENT				0	0
CONTRACTED SERVICES				11,000	11,000
NON-CAPITAL EQUIPMENT				40,720	40,720
EQUIPMENT				7,181	7,181
VEHICLES				82,500	82,500
Totals	0	0	0	397,965	397,965

Proposed Annual Projects and Equipment

Department	Equipment	Amount	Justification
Distribution	Excavator	\$140,000	Replace unit #940
	Asphalt Roller	60,000	Replace unit #941
	Vac Tron	80,000	Replace unit #912
	Backhoe	140,000	Replace unit #919
	Mini Excavator	\$75,000	Replace unit #935
	Trailer - 2	40,000	Replace unit #975 & 985
	Locator	13,000	Locate lines and GPS marker balls, valves, meters, etc.
	Well Point System	45,000	To pump down water for safer excavation and minimal damage to property
Meters	150 Gal pull behind Vac tron	44,000	Use for smaller leaks to keep from calling a whole crew in Distribution
Facilities Maintenance	Replace front and back roll gates	20,000	Replace old outdated gates
Collections	Lateral camera	11,698	Outdated computer on current will not work with updates
	Trailer mounted jetter	104,000	Replace existing mongoose jetter
	Vac Tron -2	140,000	Replace existing vac/tron and one for new crew
	8" stationary bypass pump - 2	334,464	Back up pumps to prevent sewer spills
	Bypass hoses for bypass pump	30,000	For new bypass pumps
	Camera system with trailer	200,000	To have multiple cameras for new crews
Southeast	DR3900 meter	7,000	To assist in running the plant by dispersing chemicals
	Solitax Turbidity probe LXC423.99.10100	6,800	Used for process control and state permit compliance
Water Quality	DR3900 spectrophotometer	7,181	To assist in running the plant by dispersing chemicals
Total Equipment		1,498,143	

Department	Vehicles	Amount	Justification
Distribution	Dump Truck - Tandem Axle	200,000	Replace unit # 861
	Dump Truck - Single Axle	175,000	Replace unit # 867
	Mid size pickup	35,000	New Locator
	Crew Truck 1 1/2 ton - 2	169,000	Replace units 822 and 870
Meters	Full Size Truck - 1/2 Ton	52,000	Replace unit # 834
	Full Size Truck - 3/4 Ton	67,000	Multi-purpose vehicle for staff
Engineering	Mid-Size SUV	52,500	Multi-purpose vehicle for staff
Facilities Maintenance	F-450 crane truck	117,000	Replace 809
	Crew Truck - 1 1/2 Ton	72,000	Crew truck for additional staff
Collections	Crew Truck - 1 1/2 Ton with dump bed	100,000	To pull mini excavator without big dump trucks
	Crew Truck - 1 1/2 Ton	85,000	New crew
	Truck - 1 1/2 Ton with crane	131,000	Replace current truck 865
Dixon	Crew Truck - 1/2 Ton 4x4 w/towing pkg	84,000	Replace truck 802 with high miles
Hubert	Crew Truck - 1/2 Ton 4x4 w/towing pkg	50,200	Replace truck 830 with high miles
Southeast	Polaris Ranger 570	22,000	Replace inoperable gator at Holly Ridge spray field
Water Quality	Van	82,500	Replace unit #875
Total Vehicles		1,494,200	

Department	Technology	Amount	Justification	
IT	Hubert PLC replacement project	40,000	PLC conversion for end of life	
	Hubert Water Plant CCTV Cameras Replacement	80,000	Upgrade current system	
	Dixon PLC replacement project	80,000	PLC conversion for end of life	
	Network Switches - 7	87,500	Replacement 9300 switches for end of life	
	Rubrik backup appliance replacement	90,000	Replace hardware at end of useful life	
	Dixon CCTV aerial	15,000	Installation of pole camera at Dixon WTP	
	SwiftComply backflow software	25,000	Replacement software for XC2 end of life	
	SCADA water well site PLC replacement	120,000	Replacement of end of life PLCs	
	Additional R2 GPS unit	10,000	Field GPS collection device	
	Gate Camera	12,000	Camera for front gate to identify vehicles approaching	
	Total Technology		559,500	

Department	Other Improvements	Amount	Justification
Collections	Hwy 17 crossing	226,660	Replace line that is dropping and backgrading
	Upgrade Ervintown Pump Station	115,000	Install bigger pumps, generator & new control panel
	Slip line gravity sewer line under Corbett Ave	200,000	Slip line deteriorating pipe
	Upgrade Bicentennial Pump Station	12,450	Panel is low to ground, was previously flooded and upgrade electrical components
Facilities Maintenance	Replace hatch and rails at River Reach main	41,000	Deteriorating hatch and rails for pumps/basket
	HVAC units - 2	20,000	Replace (2) HVAC units annually at Main Office
	Install hook up for emergency generators - 2	120,000	Install pin receptacles on plant generator & 750kw emergency hook up
	Furniture, Carpet and Paint	56,000	Development services offices
Hubert	Replace Roof on back Pavillion	18,000	New roof sheeting and metal roof
	Repair/Rehab/Upgrade Hubert Well 2	69,127	Well is currently down
	Replace well discharge piping - 4	88,000	Replace corroded pipe at Black Creek Wells 1,4,10 and 11
	Emergency generator Hubert Well 2 w/Scada run status	200,000	Currently does not have a generator
	Emergency generator Black Creek Well 4 modification	73,700	Pad mount existing generator and replace 200 gal fuel tank for 800 gallon fuel tank
	R2 Roof Repair	5,000	Roof needs replacing
	Pull Black Creek Well 10	110,000	This well has suspected casing issues.
Northwest	Area lighting	30,000	Replace/repair area lights around plant and plant structures
Total Other Improvements		1,384,937	

Grand Total		\$4,936,780	
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Debt Service Requirements

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Year Ending June 30	CG&L - 01		CG&L - 02		Federal ARRA 1413	Federal ARRA 1416	CG&L (SHWRF)	Drinking Water (Dixon RO)	DEQ (WOTS P2)	
	Principal	Interest	Principal	Interest	Principal	Principal			Principal	Interest
2024	74,284	12,896	20,989	4,685	12,102	12,403	104,259	273,523	56,434	15,802
2025	74,284	11,053	20,989	4,164	12,102	12,403	104,259	273,523	56,434	14,673
2026	74,284	9,211	20,989	3,644	12,102	12,403	104,259	273,523	56,434	13,544
2027	74,284	7,369	20,989	3,123	12,102	12,403	104,259	273,523	56,434	12,416
2028	74,284	5,527	20,989	2,603	12,102	12,403	104,259	273,523	56,434	11,287
2029	74,284	3,684	20,989	2,082	12,102	12,403	104,259	273,523	56,434	10,158
2030	74,284	1,842	20,989	1,562	12,102	12,403	104,259	273,523	56,434	9,029
2031			20,989	1,041	12,102	12,403	104,259	273,523	56,434	7,901
2032			20,989	521		12,403	104,259	273,523	56,434	6,772
2033							104,259	273,523	56,434	5,643
2034							104,259	273,523	56,434	4,515
2035							104,259	273,523	56,434	3,386
2036									56,434	2,257
2037									56,434	1,129
Totals	519,988	51,583	188,898	23,423	96,818	111,623	1,251,108	3,282,273	790,077	118,512

Debt Service Requirements

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Year Ending June 30	USDA - 2014A		USDA - 2014B		USDA - 2014C		2016		Total		Grand Total
	Principal	Interest	Principal	Interest	Principal	Interest	Principal	Interest	Principal	Interest	
2024	175,000	187,245	156,000	166,440	147,000	156,916	2,720,000	1,080,200	3,751,993	1,624,183	5,376,176
2025	179,000	183,089	159,000	162,735	150,000	153,425	2,840,000	957,925	3,881,993	1,487,064	5,369,057
2026	183,000	178,838	163,000	158,959	154,000	149,863	2,990,000	812,175	4,043,993	1,326,233	5,370,226
2027	188,000	174,491	167,000	155,088	157,000	146,205	3,140,000	658,925	4,205,993	1,157,616	5,363,610
2028	192,000	170,026	171,000	151,121	161,000	142,476	3,290,000	511,300	4,367,993	994,340	5,362,333
2029	197,000	165,466	175,000	147,060	165,000	138,653	3,080,000	365,175	4,170,993	832,278	5,003,272
2030	201,000	160,788	179,000	142,904	169,000	134,734	1,825,000	256,238	2,927,993	707,096	3,635,089
2031	206,000	156,014	183,000	138,653	173,000	130,720	1,900,000	186,300	2,941,709	620,628	3,562,337
2032	211,000	151,121	188,000	134,306	177,000	126,611	1,970,000	108,900	3,013,608	528,231	3,541,839
2033	216,000	146,110	192,000	129,841	181,000	122,408	2,050,000	34,750	3,073,216	438,752	3,511,968
2034	221,000	140,980	197,000	125,281	185,000	118,109			1,037,216	388,885	1,426,101
2035	226,000	135,731	201,000	120,603	190,000	113,715			1,051,216	373,435	1,424,651
2036	232,000	130,364	206,000	115,829	194,000	109,203			688,434	357,652	1,046,086
2037	237,000	124,854	211,000	110,936	199,000	104,595			703,434	341,514	1,044,948
2038	243,000	119,225	216,000	105,925	204,000	99,869			663,000	325,019	988,019
2039	249,000	113,454	221,000	100,795	208,000	95,024			678,000	309,273	987,273
2040	255,000	107,540	226,000	95,546	213,000	90,084			694,000	293,170	987,170
2041	261,000	101,484	232,000	90,179	218,000	85,025			711,000	276,688	987,688
2042-2054	4,012,000	698,583	3,565,000	620,303	3,362,000	585,366			10,939,000	1,904,251	12,843,251
Totals	7,884,000	3,345,401	7,008,000	2,972,502	6,607,000	2,802,999	25,805,000	4,971,888	53,544,785	14,286,308	67,831,093

FISCAL YEAR 2023-2024
PROPOSED
RATE AND FEE SCHEDULE



ONWASATM



Fiscal Year 2023 - 2024 Proposed Rate and Fee Schedule

Water

I. Residential & Commercial Customers

Base Water Charges*		
Meter Size	Base Charge	Base Charge
3/4"	\$16.00	\$17.28
1"	\$39.96	\$43.16
1.5"	\$79.86	\$86.26
2"	\$127.72	\$137.94
2.5"	\$191.64	\$206.97
3"	\$255.50	\$275.94
4"	\$399.22	\$431.16
6"	\$798.44	\$862.31

*For service through a Master Meter (including Multi Users) the fixed charges per unit shall assume a 3/4 inch meter; 3/4" meter charges apply to all residential meters.

Note - NC GS 2008-143 states all water to an irrigation system must be provided through an individually metered connection unless the requirements are met under NC GS 143-355.4.

II. User Fees

Usage(Gallons)	Water Meters 1,000 Gallons	Water Meters 1,000 Gallons	Irrigation Meters 1,000 Gallons	Irrigation Meters 1,000 Gallons
First 3,000	\$3.70	\$3.99	\$5.54	\$5.98
Next 4,500	\$3.83	\$4.13	\$5.73	\$6.18
Next 7,500	\$4.95	\$5.34	\$7.44	\$8.04
Next 10,000	\$6.46	\$6.98	\$9.70	\$10.49
Over 25,000	\$7.58	\$8.19	\$11.41	\$12.32

Bulk Meter ~~\$4.95 per 1,000 gallons~~ \$5.35 per 1,000 gallons

Master Meter (including Multi Users): ~~\$4.95 per 1,000 gallons~~ \$5.35 per 1,000 gallons

Sewer Bulk Fee ~~\$5.25 per 1,000 gallons~~ \$5.67 per 1,000 gallons

Volunteer Fire & Rescue Squads Primary Operations Building (water & sewer each):

0-20,000 gallons \$1.00 Flat Rate
 Over 20,000 gallons Follow the applicable rates above

Sewer

III. Residential & Commercial Customers

User Fees**		Base Sewer Charges*		
Rate per 1,000 Gallons	Rate per 1,000 Gallons	Meter Size	Base Charge	Base Charge
\$7.38	\$7.97	3/4"	\$26.00	\$28.08
\$7.38	\$7.97	1"	\$65.18	\$70.39
\$7.38	\$7.97	1.5"	\$130.02	\$140.42
\$7.38	\$7.97	2"	\$208.04	\$224.68
\$7.38	\$7.97	3"	\$415.09	\$448.30
\$7.38	\$7.97	4"	\$647.48	\$699.28

*For service through a Master Meter (including Multi Users) the fixed charges per unit shall assume a 3/4 inch meter; 3/4" meter charges apply to all residential meters.

**No sewer charges are billed for meters exclusively used for irrigation.

Water & Sewer

IV. Tap Installation Fees

Water		
Tap Size	Fee	
3/4 x 5/8 tap	\$1,620.00	
1"	\$1,910.00	
1-1/2" & above	\$1,100 + Materials	
Sewer		
Tap Size	Fee	Fee
4" Residential Only	\$1,190 + Materials	Cost + 10%

V. System Development Fees

Meter Size	Water	Water*	Sewer	Sewer*
3/4"	\$2,032	\$2,983	\$3,700	\$9,099
1"	\$3,386	\$4,971	\$6,167	\$15,165
1.5"	\$6,773	\$9,943	\$12,333	\$30,328
2"	\$10,836	\$15,907	\$19,733	\$48,525
3"	\$21,672	\$31,814	\$39,467	\$97,053
4"	\$33,863	\$49,710	\$61,667	\$151,644
6"	\$67,725	\$99,419	\$123,333	\$303,286
8"	\$108,360	\$159,071	\$197,333	\$485,259
10"	\$162,540	\$238,606	\$283,667	\$697,561

** subject to change based on final CIP approval*

VI. Water or Sewer Tap Inspection Fees

On site less than 4 hours during a work day	\$150.00	Per Site Per Customer
On site more than 4 hours during a work day	\$300.00	Per Site Per Customer

VII. Private Utility Billing (Water/Wastewater)

Administrative Set Up Fee	\$1,000.00
Per Account	\$3.00
Administrative Fee- Rate Changes & Mailings	\$250.00 Plus Cost
Private Utility Listing	\$.10 per Account

VIII. Deposits

Meter Size	Deposit for Water	Deposit for Sewer
3/4"	\$100	\$100
1"	\$200	\$200
1.5"	\$340	\$340
2"	\$490	\$490
3"	\$1,080	\$1,080
4"	\$1,370	\$1,370
6"	\$2,740	\$2,740
8"	\$4,925	\$4,925
10"	\$7,685	\$7,685
12"	\$9,680	\$9,680

Standing Deposits(Contractors & Realtors)	\$500.00
3/4" Hydrant Meter Assembly	\$500.00
3" Hydrant Meter Assembly	\$2,000.00

Water & Sewer - Continued

IX. Miscellaneous Charges

Administrative Service Fee	\$40.00
Service Call Fee	\$50.00 per account (1st visit per account per year is at no charge - Does not apply to reconnect after disconnection)
Manual Meter-Read Fee	\$50.00 per manual read
Credit Letters/Property	\$5.00
Connect Fee	\$35.00
Non-Payment Fee	\$60.00
Late Fee	\$6.00 up to \$120.00 balance due \$6.00 + 5% of balance due >\$120.00 assessed 25th day from statement date
Lock Replacement Fee	\$6.00
Meter Test	\$65.00
After Hours, Weekends and Holidays Service Call Monday-Friday(except for Holidays)	
After 4:00 pm until 7:00 pm	\$55.00
After 7:00 pm	\$175.00
After Hours, Weekends and Holidays Service Call	
8:00 am until 7:00 pm	\$55.00
After 7:00 pm	\$175.00
Landlord Transfer Fee	\$20.00
Inspection fee prior to start of service:	
1st Visit	No Charge (Residential & Commercial)
Every visit after the 1st	\$60.00
Plan Review Fee of Developer's Project Plans	
Plans with main extension(s)	\$150.00 more than 100 lots
Plans with main extension(s)	\$100.00 less than 100 lots
Plans with no main extension(s)	\$50.00
Hydrant Flow Test Data	\$75.00 per test
Flush/Fill/Chlorinate	\$3.75 per 1,000 gallons
Plat Review Fee of Developer's Project Plans	
1st Review	No Charge
Every review after the 1st	\$50.00
Tampering Fees - Meters, Water and Sewer Lines, Backflow Devices, Cross Connections, Water and Sewer Mains, Hydrants, Manholes and Unauthorized Sewer Dumping	
Residential	\$150.00 per occurrence
Commercial	\$525.00 per occurrence
Mains, Hydrants & Unauthorized Dumping	\$1,050.00 per occurrence
Backflow Inspection Fee	
1st Visit	No Charge (Residential & Commercial)
Every visit after the 1st	\$60.00 (each time Residential & Commercial)
Hydrant Meter Test for damaged meters	\$100.00 plus cost of replacement parts
Meter Relocation Fee	
No new tap required	\$325.00 plus cost of materials
New tap required	See Tap Fees

Water & Sewer - Continued

X. Administrative Fees

Returned Payment	\$25.00 each
Copies (8 1/2 x 11)	\$0.10 per page

XI. Administrative Fees - Continued

Monthly Fire Connection Charge (Sprinkler Head)	
1" sprinkler connection	\$40.00 per month
1 1/2" sprinkler connection	\$45.00 per month
2" sprinkler connection	\$50.00 per month
4" sprinkler connection	\$60.00 per month
6" sprinkler connection	\$80.00 per month
8" sprinkler connection	\$150.00 per month
10" sprinkler connection	\$300.00 per month
12" sprinkler connection	\$450.00 per month

XII. Map Fees

Map File Preparation \$35.00

Size	Color/Ortho	B/W/TOPO	Property Lines
8.5 x 11	\$5.00	\$3.00	\$2.00
11 x 17	\$8.00	\$5.00	\$2.00
24 x 36	\$20.00	\$10.00	\$6.00
36 x 48	\$25.00	\$15.00	\$8.00

XIII. Service/Repair Fees

Materials:

Pipe and accessories will be charged out at the cost listed on the most current Onslow Water and Sewer Authority Inventory Sheet on file plus a 2% administrative fee.

Equipment Cost Per Hour:

Excavator	\$39.07
Trailer Equipment	\$16.99
Dump Truck (325 HP) (320HP)	\$73.31
Trencher (>85 HP)	\$29.85
Backhoe (>95 HP)	\$43.91
Line Truck (210 HP)	\$25.53
Pickup (130 HP)	\$11.75
Pump (>60 HP)	\$26.88
Light Tower	\$10.56
Asphalt Roller	\$12.84
Sewer Vac-Tron	\$86.29
Sewer Jetter (>100 HP)	\$60.00
Sewer Jet/Vac Combo Truck	\$88.16
Main Line Camera Equipment	\$14.00 per hour
Sewer Lateral Camera Equipment	\$3.00 per foot

Surface restorations-gravel, soil/erosion control \$200.00

Sewer Boring Charge-based on contract price per foot

Rental charges for additional equipment (if needed) will be charged at the rate ONWASA is paying to rent the equipment plus a 2% administrative fee.

Water & Sewer - Continued

XIV. Service/Repair Fees - Continued

Labor and Benefits:

Hourly Rate

Average hourly rate + 30%

Overtime Rate

Average hourly rate by 1.5 + 30%

Water Loss Charges:

Water charges are based on the following formula:

$Q(\text{GPM}) \times \text{time} = \text{Total Gallons}$

$\text{TGL} \times \$\text{Bulk Rate}/1,000 = \text{Total Water Loss Charges}$

Michael R. Bennett, Chairman

Adopted the ____ day of June 2023.

Attest:

Heather Norris, Clerk to the Board