



2022

Annual

Report



Cape Fear
Public Utility Authority

To Our Customers and Stakeholders:

This Annual Report highlights the accomplishments of Cape Fear Public Utility Authority's 14th year providing quality water and wastewater service to Wilmington and New Hanover County.

On October 11, both of us were privileged to join CFPUA Board members, staff, and contractors, along with representatives from New Hanover County, the City of Wilmington, and our legislative delegation, in announcing to our customers and the community that new granular activated carbon filters at the Sweeney Water Treatment Plant were operating and producing treated drinking water with no detectable levels of PFAS. This milestone culminated a community-wide effort that began more than five years ago, when we learned Chemours and DuPont had been polluting the Cape Fear River with their PFAS for decades.

This year, CFPUA adopted a new Strategic Business Plan. The plan is grounded in the mission "to provide quality water and wastewater services to our community" and guided by a vision "to achieve excellence in all we do while enhancing our community's quality of life." The plan identifies core values of stewardship, sustainability, service, safety, and excellence. It commits us to outcomes that enhance customer satisfaction and stakeholder understanding, infrastructure reliability and product quality, environmental stewardship and protection, employee and leadership development, and financial viability.

The Strategic Plan serves as our organizational "North Star," guiding our steps for at least the next three to five years. The work included in this report reflects the Plan's importance and influence.

The failure this year of Jackson, Mississippi's water system provided a stark reminder of the importance of establishing and committing to a long-term capital improvement plan (CIP) focused on maintaining our aging water and sewer systems. As detailed inside this report, CFPUA's 10-year CIP includes more than a half-billion dollars in planned capital improvements – 82 percent of which are repair, rehabilitation, or replacement of infrastructure that has reached or exceeded its useful life. With your support, we can prevent the sort of tragedy that befell Jackson from occurring in New Hanover County.

Drinking water and wastewater treatment requires significant amounts of energy, resulting in the production of greenhouse gas emissions. Recognizing this and in line with our Strategic Plan, this year the CFPUA Board adopted an ambitious goal to reduce carbon emissions from CFPUA's operations by 43 percent from 2019 levels.

In 2023, we will embark on CFPUA's 15th year as a free-standing organization. As momentous as 2022 has been, we look forward to continuing to provide the best possible service at the lowest responsible price to our customers and the community.

On behalf of our Board and the employees of CFPUA, we thank you for your continued support and invite you to explore our work in the pages of this report.



Jennifer Adams
Chairwoman



Kenneth Waldroup, P.E.
Executive Director

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*This Report is available at
CFPUA.org.*



**Connect with CFPUA
on Social Media.**



A New Day at Sweeney

New Granular Activated Carbon filters at the Sweeney Water Treatment Plant remove PFAS to non-detect levels.

CFPUA's Board and staff gathered with local and state government leaders on October 11, 2022, to celebrate a landmark water quality achievement: No PFAS was detected in the most recent tests of drinking water treated at the Sweeney Water Treatment Plant, thanks to new Granular Activated Carbon (GAC) filters.

"This is the result of the combined efforts of our community, my fellow Board members, our customers, the staff here at CFPUA, our City and County leadership, our elected representatives in the North Carolina General Assembly, and, of course, the consultants and contractors and their crews who worked on this project and are working

now to wrap up the finishing touches," CFPUA Chairwoman Jennifer Adams said at the October event.

Construction on the eight new deep-bed GAC filters began in November 2019. Combined, the new filters contain almost 3 million pounds of GAC. The filters are believed to be the largest GAC water-treatment facility in North Carolina. Annual operating costs are estimated to be \$3.7 million in fiscal year 2023 and \$5 million in subsequent years.

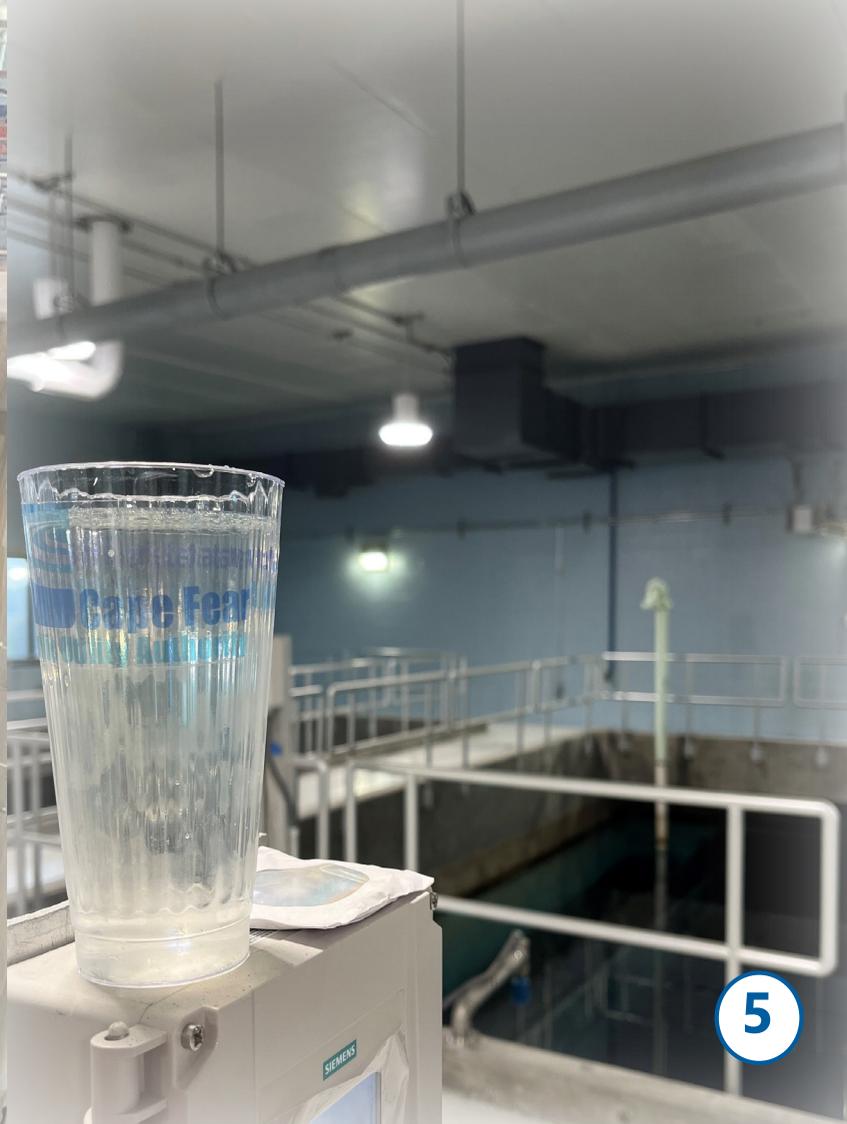
The cost to design and construct the treatment enhancement project was \$43 million. While the filters are online and treating all the drinking water from Sweeney, some "punch list"-type work remains. The project is expected to be fully complete in early 2023.

Find information about the filters and their treatment – including the most recent results of ongoing PFAS monitoring – at CFPUA.org/Sweeney.



Project Facts & Figures

- Construction start date: November 2019
- Deep-bed GAC contactors: 8
- Contactor depth: 27 feet
- Contactor capacity: Nearly 3,000,000 pounds of GAC (combined)
- Total plant capacity after completion: 44 million gallons of water per day (MGD)
- Project/construction costs: \$43 million
- Estimated annual operating costs: \$3.7 million for Fiscal Year 2023, \$5 million in subsequent years
- Estimated final completion of project: Early 2023



Major Projects

Motts Creek Pump Station (PS 69) Replacement

What: Replacement of the existing pump station to increase its capacity from 1.76 million gallons per day (MGD) to 4.18 MGD.

Project start: December 2020

Project complete: October 2023

Cost: \$9.5 million

Details: The new station is being built within the footprint of the existing site, meaning the new station must be constructed while maintaining operations at the old station and access for CFPWA staff. Contractors are currently building the walls for the cast-in-place concrete wet well structure. Once the new station is online, the old station will be demolished.



Southern Regional Pump Station

What: Construction of a pump station with an average daily flow of 1.2 MGD and approximately 10,000 feet of 16-inch-diameter PVC force main.

Project start: January 2023

Project complete: December 2023

Cost: \$6.77 million

Details: A suction-lift wastewater pump station and force main will be added near Ironwood Drive in southern New Hanover County. This facility will receive wastewater from six smaller pump stations in the vicinity and pump westward to the newly reconstructed Motts Creek Pump Station (PS 69). The new sewer main constructed as part of this project will increase the basin's wastewater capacity, supporting development in the area.

Greenfield Lake Force Main Replacement

What: Replacement of the existing force main from the Greenfield Lake Pump Station (PS 14) to the Southside Wastewater Treatment Plant.

Project start: July 2022

Project complete: December 2023

Cost: \$9.57 million

Details: The Greenfield Lake Force Main was built in 1970 and leads from PS 14 to the Southside Wastewater Treatment Plant. The force main has reached the end of its useful life, and its current 3.5-mile route is in a high-traffic area, with difficult access due to proximity of the Port of Wilmington and N.C. DOT and CSX railway assets. The replacement force main will run parallel to the existing main to avoid these conflicts and be constructed of C900 PVC.

Kings Bluff Raw Water Transmission Main

What: Construction of a 14-mile, 54-inch-diameter raw water transmission main.

Project start: November 8, 2019

Project complete: April 19, 2022

Cost to CFPUA: \$36,173,593

Details: CFPUA, Brunswick County, and the Lower Cape Fear Water and Sewer Authority (LCFWASA) entered into an interlocal agreement to build the Kings Bluff Raw Water Transmission Main, parallel to the existing raw water transmission main serving local utilities. The new main runs from LCFWASA's Kings Bluff Raw Water Pump Station in Bladen County to a ground reservoir located near the City of Northwest in Brunswick County. The project included constructing three interconnects to the existing 48-inch raw water line, four bore-and-jack operations, nine road crossings, and one aerial crossing over Livingston Creek.



Northern Regional Pump Station and Force Main (Phases A and B)

What: Construction of a new large-diameter sewer force main and pump station to serve northern New Hanover County.

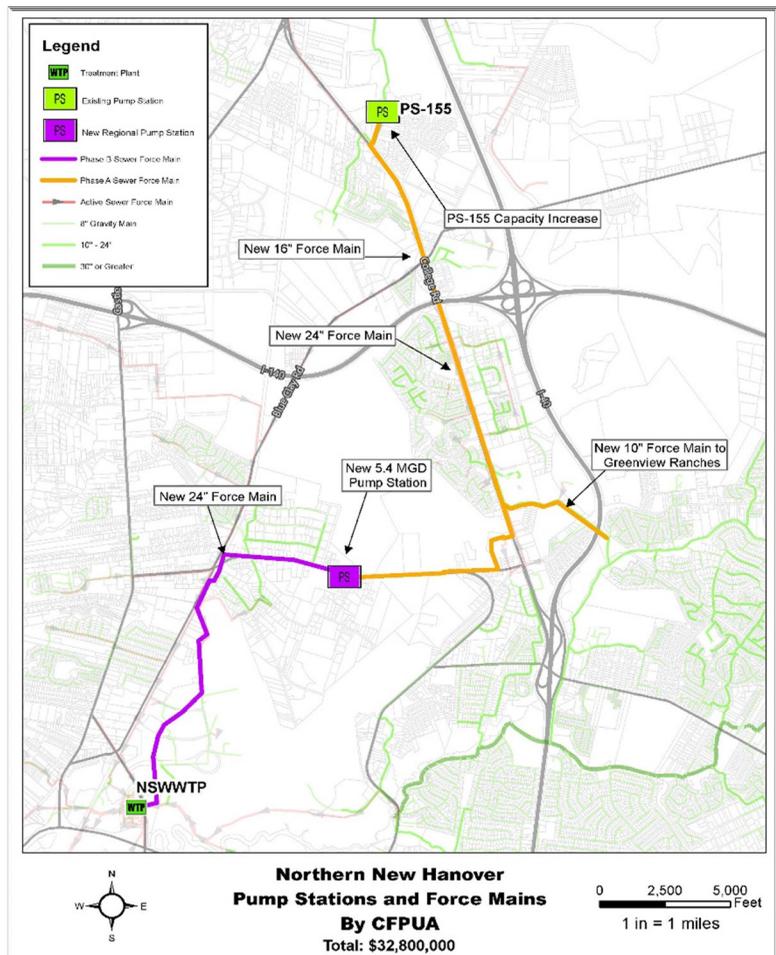
Project start: June 2022

Project complete: December 2026

Cost: \$32.8 Million

Details: The Northern Regional Pump Station and Force Main project will significantly increase sewer conveyance capacity in northern New Hanover County. Phase A will consist of a new large-diameter sewer force main that will start at Pump Station 155 and route down South College Road and North Kerr Avenue.

Phase B consists of constructing a new major regional pump station on North Kerr Avenue near Truesdale Road and a new 24-inch sewer force main from the pump station to the Northside Wastewater Treatment Plant. Phases A and B of the project are primarily funded by an ARPA grant through N.C. Wastewater Reserve.



Major Projects, continued

5th Avenue Water and Sewer Rehabilitation and Replacement

What: Replacement of sewer and water mains along 5th Avenue aged 40-plus years.

Project start: March 2023

Project complete: March 2025

Cost: \$9.8 million

Details: This project will replace over 3,600 feet of 6-inch water mains and associated water services from Greenfield Street to Market Street. Over 9,000 feet of 6-inch and 8-inch gravity sewer mains and associated sewer services will be replaced. Approximately 2,275 feet of 36-inch gravity sewer main in the McCumbers Ditch outfall area will also be rehabilitated. This work will be performed in advance of a City of Wilmington paving and curb replacement project.

Kings Bluff Auxiliary Power



What: Relocation of a generator from the Northside Wastewater Treatment Plant to the Kings Bluff Pumping Station.

Project start: August 2019 **Project complete:** October 2022

Cost: \$1.5 million

Details: This project is part of CFPUA's efforts to provide backup power to critical facilities during a power failure. The generator at Northside was replaced in 2020, allowing it and a diesel tank to be relocated to Kings Bluff in November 2021. The generator can now power the facility and one pump during a power failure and can be engaged remotely.

2022 Timeline

January 25: CFPUA announces that nearly 1,500 customers received a total of \$908,553.48 in financial assistance to help pay their water and sewer bills since July 1, 2021. The funds came from a number of sources, including the CFPUA COVID Relief Program, which disbursed federal funds allocated by the City of Wilmington and New Hanover County for qualified resi-

dential bill delinquencies.

February 6: CFPUA crews stop a sanitary sewer overflow (SSO) in the 4200 block of Whitehurst Drive. The SSO resulted from a broken sewer line and resulted less than 10,000 gallons of untreated wastewater escaped into Whiskey Creek, according to estimates.

February 21: Construction crews working for the N.C. Department of Transportation sever an 8-inch pipe conveying water treatment

residuals from the Sweeney Water Treatment Plant to the Northside Wastewater Treatment Plant. An estimated 7,650 gallons of residuals entered Smith Creek.

March 9: The CFPUA Board approves a proposal to sell the Town of Wrightsville Beach as much as 150 million gallons per year of treated drinking water at CFPUA's prevailing bulk water rate for five years. The Board's approval came after the Town made inqui-

Capital Improvement Plan

This summer, water providers across the United States were monitoring news from Jackson, Mississippi, where major flooding caused the city's main water treatment plant to fail. The crisis left 150,000 Jackson residents without access to drinking water for days.

Emergencies such as this are a reminder of the importance of sustained funding for rehabilitation and replacement (R&R) of critical water infrastructure. CFPUA's Capital Improvement Plan (CIP), approved this summer by the CFPUA Board, totals \$36.6 million, an \$8.7 million increase from the FY22 CIP.

About 77 percent of funding in the CIP will be invested in R&R of aging infrastructure. CFPUA's approved 10-Year CIP also includes \$512 million in infrastructure investments through Fiscal Year 2032, 82 percent of which are focused on aging infrastructure. CFPUA maintains approximate-

ly \$1 billion in water and sewer infrastructure. Our community's capital assets include two water treatment plants, a network of groundwater wells, two wastewater treatment plants, over 150 sewer pump stations, and more than 1,000 miles each of water and sewer mains. Each day, CFPUA's systems provide water and sewer services to 200,000 people.

Among the items in this year's CIP are a \$5.15 million project to replace the Walnut Street Pump Station in downtown Wilmington and an additional \$1.85 million to build a new \$6.9 million regional wastewater pump station and force main in southern New Hanover County. Many of these are multi-year projects which, while funded in the FY23 CIP, will be completed in subsequent years.

Employee Spotlight: Lucy Holliday



Collections Specialist Customer Service

Lucy has worked at CFPUA for more than 10 years. As a member of the Collections team, Lucy's role is focused on the financial side of customer service.

In an average day, she may be setting up customer payment plans,

scheduling service connections, managing financial assistance, and more. It's all part of helping CFPUA's customers maintain the water and sewer services they depend on.

"There is always something to do and someone to help. I enjoy doing both because it gives purpose to the day" she said.

"We are an organization that cares about our customers and do our best each day to provide great customer service."

ries about purchasing water from CFPUA to supplement the Town's drinking water supply. CFPUA and the Town are currently engaged in a system consolidation study.

March 9: Wilmington City Councilman Luke Waddell is sworn in as CFPUA's newest Board member. The Wilmington City Council appointed Waddell to fill the CFPUA Board seat vacated last year by retiring Wilmington City Councilman Kevin O'Grady.

April 13: The CFPUA Board adopts system development charges (SDCs) for the fiscal year beginning July 1, 2022. SDCs are fees newly connecting customers pay to "buy in" to the water and sewer system. For FY23, the water SDC is \$2,230 and the sewer SDC is \$2,160.

April 13: The CFPUA Board approves a resolution urging the N.C. General Assembly to allocate funds to build a parallel, 10-mile, 48-inch raw water transmission line

to provide redundancy for a line that ruptured in November 2021. The raw water line is owned and operated by the Lower Cape Fear Water and Sewer Authority (LCF-WASA), which supplies raw water from the Cape Fear River to CFPUA and other regional water users. A parallel line, estimated to cost \$56 million, would provide backup capacity and flexibility for maintenance. The N.C. General Assembly appropriated \$23.5 million in the

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Strategic Plan

As CFPUA prepares to celebrate 15 years serving our community in 2023, the organization has a new Strategic Plan guiding its mission, vision, and values.

In June, the CFPUA Board approved the organization's Fiscal Year 2023 Budget and with it, CFPUA's new Strategic Plan. The plan defines CFPUA's mission, "to provide quality water and wastewater services to our community," and its vision, "to achieve excellence in all we do while enhancing our community's quality of life."

The new Strategic Plan also details five intended outcomes: Customer Satisfaction & Stakeholder Understanding, Infrastructure Reliability & Product Quality, Environmental Stewardship & Protection, Employee & Leadership Development, and Financial Viability.

To meet these, staff are embarking on seven key initiatives:

- Positively transform brand perception with the public and our customers;
- Enhance affordability and equitability so all rate payers will have continued access to water services;
- Establish an Authority-wide Integrated Management System (AIMS);
- Optimize water and wastewater systems to produce and deliver high-quality products for our customers and the environment;
- Manage processes and programs to reduce our carbon footprint;
- Develop our workforce for personal and organizational growth; and
- Create a culture for diversity, equity, and inclusion.



The FY23 budget earmarks \$1 million in operating costs and another \$1 million in capital costs to these initiatives. Work is already underway on numerous projects to help the organization achieve its strategic goals over the next three to five years.

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State budget toward the project. LCFWASA is investigating options for funding the remaining cost.

May 2: CFPUA submits comments to the N.C. Department of Environmental Quality (NCDEQ) regarding a draft permit that would allow Chemours to discharge treated water mainly from wells at its site, extracting groundwater with high levels of PFAS. Prepared by CFPUA's attorneys Brooks Pierce, the comments urged NCDEQ to

explore no-discharge options and require Chemours to monitor and control 99 percent of all PFAS discharged.

May 11: The CFPUA Board adopts a \$99.2 million operating budget for Fiscal Year 2023. Under the budget, the average residential customer's monthly bill for combined water and sewer services increased by \$5.39 for services delivered beginning July 1, 2022. This is the first increase in such charges since FY19. Costs associated with mea-

asures to address Chemours' PFAS account for more than 70 percent of the increase in the FY23 budget.

May 20: CFPUA joins regional partners from LCFWASA and Brunswick County to cut the ribbon on our region's new 54-inch-diameter raw water transmission main. The main significantly increased the supply of raw water to local utilities.

June 8: The CFPUA Board adopts a new Strategic Plan for the organization. Under the plan, CFPUA has a mission "to provide quality

Sustainability

Employee Spotlight:

Christian Mathis



Wastewater Control Operator Engineering/Operations

Last year, CFPUA collected and treated more than 6 billion gallons of wastewater. Such a massive job could not be done without wastewater workers such as Christian Mathis.

Christian works at CFPUA's Northside Wastewater Treatment Plant, monitoring and maintaining equipment, taking wastewater samples, and doing whatever's needed to ensure Northside is operating properly. With an average 10 million gallons of sewage reaching the plant each day, it's a round-the-clock job.

"I realize most people give little thought to what happens to the wastewater they generate," he said. "I would like customers to know that treating wastewater is an involved biological process that requires a wide variety of scientific and engineering knowledge."

By 2030, CFPUA aims to reduce carbon emissions from its operations by 43 percent.

The reduction goal is based on the total metric tons of carbon dioxide equivalent per million gallons of wastewater treated (CO₂e/MG). Cities, companies, and other organizations commonly standardize carbon emissions to measure efficiency. CFPUA chose gallons of wastewater treated because it is the most significant contributor of greenhouse gas emissions across the organization.

The baseline for CFPUA's carbon reduction goal is 2019's organization-wide emissions, which was 2.4 metric tons of CO₂e/MG. This includes emissions associated with operating two water treatment plants, two wastewater treatment plants, the water distribution system, the wastewater collections system with over 150 pump stations, a vehicle fleet, and other components of daily operations.

As of 2021, total emissions across CFPUA operations have already been cut to 1.9 metric tons of CO₂e/MG, thanks in part to initiatives such as CFPUA's low-emissions vehicle replacement program, the LED lightbulb replacement program, and projects to reduce inflow and infiltration (I&I) across the wastewater system. I&I occurs when stormwater or groundwater enters sewer infrastructure, increasing the amount of flow being collected and treated.

"As a coastal utility, CFPUA faces acute and long-term threats from climate change, including more frequent and intense storms and sea-level rise," said Beth Eckert, CFPUA Deputy Director for Environmental Management and Sustainability. "Reducing our organization's carbon footprint is important to protecting our environment, keeping operations sustainable and reducing costs to CFPUA ratepayers."

water and wastewater services to our community" and is guided by a vision "to achieve excellence in all we do while enhancing our community's quality of life."

June 10: CFPUA invites public comments on its draft Source Water Protection Plan. The plan was developed with partner organizations across Southeastern North Carolina, outlining strategies to protect the lower Cape Fear River from point- and non-point pollution sources.

June 15: Radhika Fox, Assistant Administrator for the U.S. EPA's Office of Water, tours the new Granular Activated Carbon (GAC) filter facility under construction at CFPUA's Sweeney Water Treatment Plant. Assistant Administrator Fox is joined by EPA staff, as well as NCDEQ Secretary Elizabeth Biser, NCDEQ staff, and staff of the North Carolina Collaboratory.

August 10: Black & Veatch, the contracted project manager for construction on new GAC filters

at the Sweeney Water Treatment Plant, provides the CFPUA Board with an updated project schedule. Under the new schedule, all eight of the new GAC filters are projected to be available for service in late December 2022. However, based on projected drinking water demands, only four of the eight filters need to be online to provide effective PFAS treatment – to a standard where, for example, levels of GenX are at or near non-detection. In

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Finances

Statement of Net Position*

Date: June 30, 2022

ASSETS

Current assets	\$94,278,247
Non-current assets, including capital assets	\$851,232,710
Total assets	\$945,510,957

DEFERRED OUTFLOWS OF RESOURCES

\$15,736,009

LIABILITIES

Current liabilities	\$38,691,904
Noncurrent liabilities	\$284,785,064
Total liabilities	\$323,476,968

DEFERRED INFLOWS OF RESOURCES

\$8,464,696

NET POSITION

Net investment in capital assets	\$558,779,170
Restricted	\$9,516,394
Unrestricted	\$61,009,738
Total net position	\$629,305,302

This statement shows the Authority's net position – the extent to which the Authority's assets exceed its liabilities. This statement categorizes net position into three types:

- 1) Net investment in capital assets is equal to the depreciated value of the Authority's capital investment in water and sewer infrastructure less any outstanding amount of debt used to acquire or construct those assets. These amounts are not available to fund the Authority's ongoing operations.
- 2) Restricted net position represents assets and liabilities that are restricted by law, Board action, or outside parties. For the Authority, the amounts in this category are unspent bond proceeds required to be used to fund capital projects and amounts restricted to pay principal and interest on outstanding debt.
- 3) Unrestricted net position is the portion of total net position that is available to fund the Authority's ongoing operations. A relatively high amount of unrestricted net position is an indication of financial health and resilience.

*** Information contained on these pages is unaudited. CFPUA maintained Aa1 and AA+ credit ratings from Moody's and S&P, respectively. Both ratings are just one notch below the highest-possible rating.**

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early October, CFPUA customers in the Sweeney water system began receiving drinking water effectively treated for Chemours' PFAS.

August 10: Jennifer Adams is elected chair of CFPUA's Board. Ms. Adams, who previously served as Board Treasurer, was first appointed to CFPUA's Board by New Hanover County in 2016. Ms. Adams is Environmental Leader for the Optical Fiber and Cable Divi-

sion of Corning Incorporated. She is a licensed Professional Engineer in North Carolina and has worked in the environmental field for more than two decades. The Board also elects Wesley Corder as its Vice-Chairman, Dr. Jessica Cannon as Secretary, and William Norris as Treasurer.

September 14: By 2030, CFPUA aims to reduce carbon emissions from its operations by 43 percent from a 2019 benchmark, the CFPUA Board decides.

September 14: CFPUA staff presented awards from the National Association of Clean Water Agencies (NACWA), recognizing CFPUA for outstanding operations at its Northside and Southside wastewater treatment plants. The 2022 Peak Performance Awards reflect permit compliance for calendar year 2021 and the Gold Award specifically recognizes NACWA member facilities with no National Pollutant Discharge Elimination System (NPDES) permit violations

**Statement of Revenues, Expenses,
and Changes in Net Position***
Fiscal year ended June 30, 2022

REVENUES

Operating revenues	
Charges for services	\$85,347,270
System development charges	\$6,374,040
Other operating revenues	\$2,568,179
Nonoperating revenues	
Investment earnings	\$(296,219)
Grants	\$1,235,273
Other nonoperating revenues	\$348,705
Total revenues	\$95,577,248

EXPENSES

Operating expenses	\$56,826,256
Depreciation and amortization	\$27,657,676
Nonoperating expenses	\$8,562,307
Total expenses	\$93,046,239
Increase in net position before capital contributions	\$13,726,032
Capital contributions	\$10,296,351
Increase in net position	\$12,827,360
Net position, July 1	\$616,477,942
Net position, June 30	\$629,305,302

This statement shows how the Authority’s net position has changed from the prior fiscal year. The Authority’s net position increased by \$12.8 million during FY22.

The improvement in the CFPUA’s net position is directly attributable to the continued commitment to fund more investments in CFPUA’s water and wastewater system with rate revenues as opposed to debt. Because of these policies, CFPUA has limited the amount debt used to fund capital investments, which will save rate payers in the future through reduced interest costs.

Employee Spotlight:

Da’Von Robinson



meters, complete work orders, and direct a team of other meter techs.

**Senior Meter Technician
Customer Service**

Da’Von started at CFPUA 4 years ago as a construction worker, eventually making the leap to Meters Services and working his way up to Senior Meter Technician.

He enjoys the independence of the Senior role, which takes him into the field each day to set

Outside of work, life is all about his two daughters.

His advice for newcomers to the CFPUA team: “Hard work and dedication.”

“Don’t let anyone discourage you from chasing your dreams and aspirations of pursuing the position you want within the organization,” he said.

for the entire calendar year.

October 11: CFPUA announces that all drinking water being distributed from the Sweeney Water Treatment Plant is being treated by the new GAC filters. The most recent analysis of water from Sweeney detected no PFAS in treated drinking water. The announcement came during a news conference at Sweeney attended by the CFPUA Board, CFPUA staff, and representatives from New Hanover County, the City of Wilmington, and the

N.C. General Assembly.

October 14: Chemours announces it is appealing an NPDES permit approved by NCDEQ. The permit governs discharges from a treatment system at Chemours’ Fayetteville Works plant intended to treat PFAS-contaminated groundwater and stormwater from the plant. The permit limits discharges “after the 180-day optimization period” to “less than 10 ppt for GenX, 10 ppt for PMPA, and less than 20 ppt for PFMOAA.”

October 27: CFPUA files a motion with the N.C. Office of Administrative Hearings to intervene in Chemours’ appeal of the NPDES discharge permit issued by NCDEQ, arguing that the limits in the permit as written are based on the capabilities of the technology and health guidance from EPA.

October 31: CFPUA is awarded the Association of Metropolitan Water Agencies’ (AMWA) 2022 Gold Award for Exceptional Utility Performance. ■

Board Members



**Jennifer
Adams**

Chairwoman

Appointed by New Hanover County

Seated in 2016, Term ends 2025

Committees: Executive, Finance, and Sustainability



**Wesley P.
Corder**

Vice-Chairman

Jointly appointed by the City of Wilmington and New Hanover County

Seated in 2017, Term ends 2023

Committees: Communications, Executive, and Finance



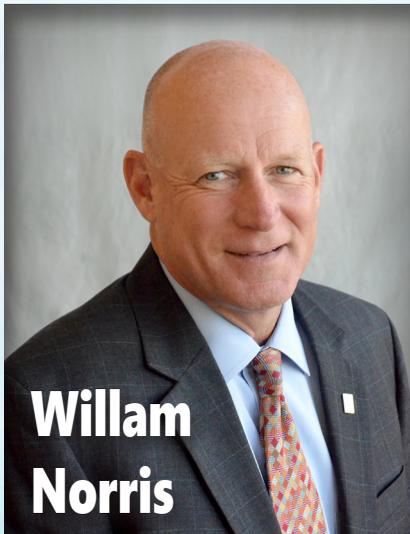
**Jessica
Cannon, M.D.**

Secretary

Appointed by the City of Wilmington

Seated in 2019, Term ends 2023

Committees: Communications, Executive, Long Range Planning, and Sustainability



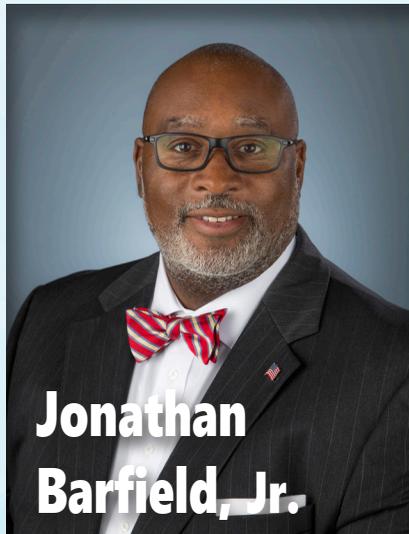
**Willam
Norris**

Treasurer

Appointed by the City of Wilmington

Seated in 2013, Term ends 2024

Committees: Executive, Finance, and Human Resources



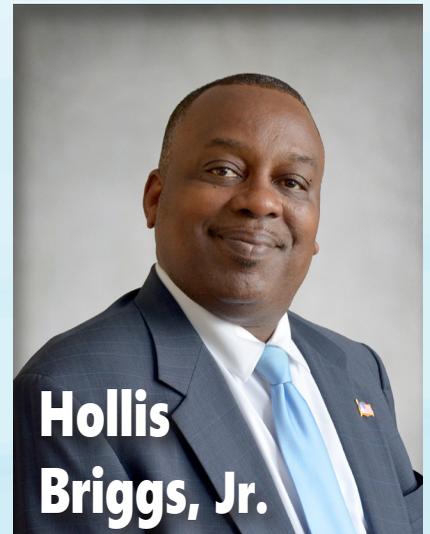
**Jonathan
Barfield, Jr.**

Commissioner

Appointed by New Hanover County

Seated in 2019, Term ends 2022

Committees: Communications and Human Resources



**Hollis
Briggs, Jr.**

Member

Appointed by New Hanover County

Seated in 2019, Term ends 2025

Committees: Communications, Human Resources, and Long Range Planning



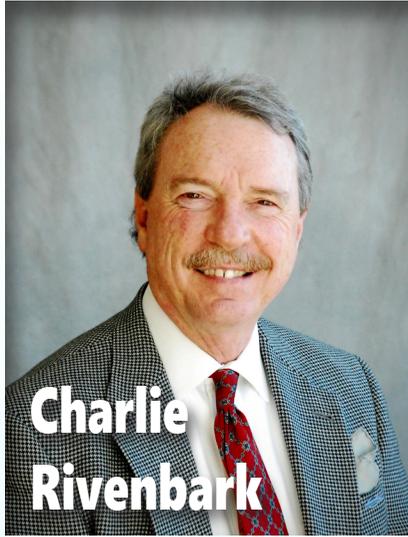
**Deans
Hackney**

Member

Appointed by the City of
Wilmington

Seated in 2018, Term ends 2022

Committees: Finance and Human
Resources



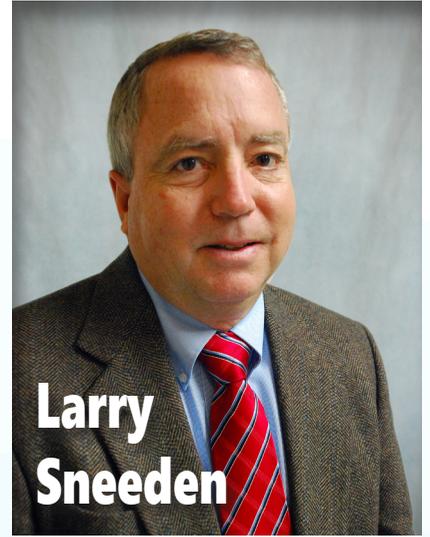
**Charlie
Rivenbark**

Councilman

Appointed by the City of
Wilmington

Seated in 2010, Term ends 2024

Committees: Long Range
Planning



**Larry
Sneed**

Member

Appointed by New Hanover
County

Seated in 2012, Term ends 2023

Committees: Long Range
Planning and Sustainability



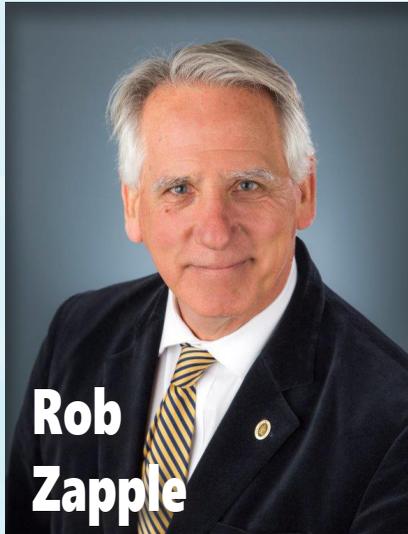
**Luke
Waddell**

Councilman

Appointed by the City of
Wilmington

Seated in 2022, Term ends 2025

Committees: Sustainability



**Rob
Zapple**

Commissioner

Appointed by New Hanover
County

Seated in 2019, Term ends 2022

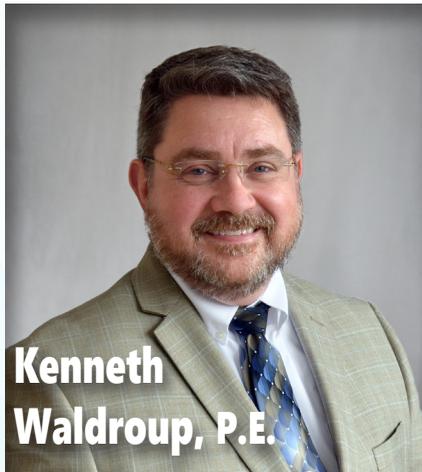
Committees: Finance, Long
Range Planning, and
Sustainability



**Donna S.
Pope**

**Clerk to the
Board**

Leadership Team



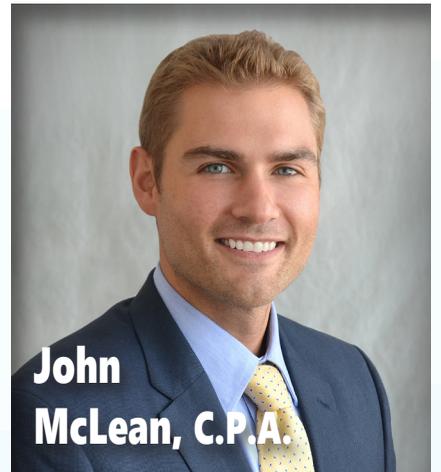
**Kenneth
Waldroup, P.E.**

Executive Director



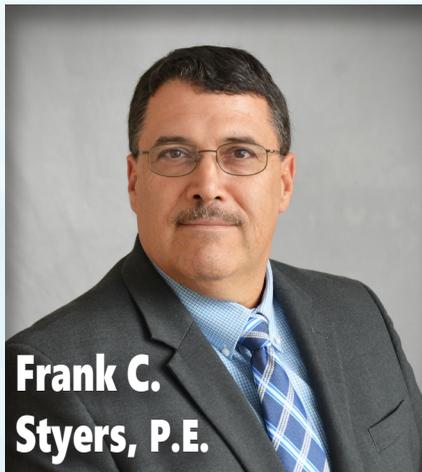
**Beth
Eckert**

**Deputy Executive Director,
Environment and Sustainability**



**John
McLean, C.P.A.**

**Deputy Executive Director,
Chief Financial Officer**



**Frank C.
Styers, P.E.**

**Deputy Executive Director,
Linear Assets**



**Carel
Vandermeijden, P.E.**

**Deputy Executive Director,
Treatment and Engineering**



**Cord
Ellison**

Chief Information Officer



**Vaughn
Hagerty**

Director of Communications



**Kristi
Irick**

Director of Customer Service



**Lori
McKoy**

Director of Human Resources

Committee Reports



Communications Committee

The Communications Committee is a standing committee that meets as needed to provide guidance about CFPUA’s communications strategies to deliver information to customers and stakeholders.

In 2022, the Communications Committee reviewed plans to continue and expand paid community outreach to inform customers about work to bring new granular activated carbon filters online to treat for Chemours’ PFAS and CFPUA’s continued work to hold Chemours accountable through the ongoing federal lawsuit. The Committee also approved initiatives to support the Strategic Plan outcome to enhance customer satisfaction and stakeholder understanding, including additional community outreach in schools, highlighting the vital work of CFPUA staff, and quantifying the state of customer satisfaction through a professionally conducted survey.



Executive Committee

The Executive Committee, which comprises officers of the Board, met monthly to review Board meeting schedules and agendas, appoint committee members, and receive legal advice. The Executive Committee also reviewed legal issues that affect CFPUA.

The committee consults with other members of the Board who have expertise or interest in certain areas and solicits input from the public. Members oversee and monitor the performance of the Executive Director.



Human Resources Committee

The Human Resources Committee is a standing committee that meets as needed. The committee reviews, advises on, and recommends actions on matters involving CFPUA employees or as designated by the Board.

The Human Resources Committee met periodically during the fiscal year. Items considered at the meetings were compensation adjustments, employee benefits, initiatives on staff and leadership development, and diversity, equity, and inclusion related to the Strategic Plan.



Finance Committee

The Authority’s Treasurer serves as Finance Committee Chair. During Fiscal Year 2022, the Committee reviewed and recommended agenda items relating to a variety of financial issues including the approval of significant construction and services contracts, the approval of the Fiscal Year 2023 operating and capital budgets, adoption of the system development charges for Fiscal Year 2023, and discussions concerning changes to CFPUA’s rate structure to enhance equity, affordability, and conservation.

The committee received and discussed the Annual Comprehensive Financial Report (ACFR) for the fiscal year ended June 30, 2021, prepared by CFPUA staff. The auditor presented a “clean” opinion on this report, which also received the Government Financial Officers Association’s Certificate of Achievement for Excellence in Financial Reporting.

Committee Reports, continued



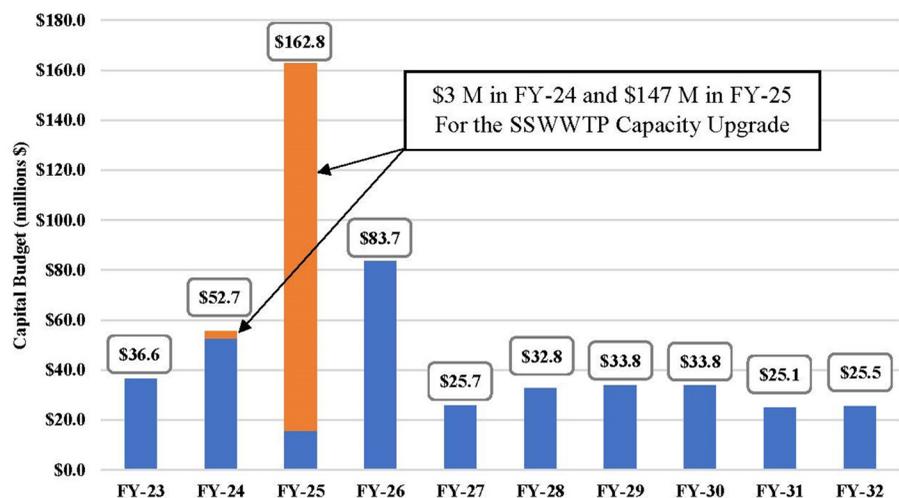
Long Range Planning Committee

The Long Range Planning Committee generally met monthly during fiscal year 2022 and reviewed more than 13 action/information items and presentations. The committee's reports included items requiring Board action and other noteworthy information that was reported to the Board during its regular meetings.

Significant achievements during this reporting period included the development and approval of the FY2023 Capital Improvement Program and the 10-year Capital Improvement Program for FY2023 through FY2032. Most notably was advancing the Southside Wastewater Treatment Plant Capacity Upgrade from FY2031 to FY2025. The committee received updates on strategic projects and initiatives, including:

- LCFWASA Raw Water Line Update
- Wrightsville Beach Water Sales and Consolidation Update
- Strategic Plan Update
- Sweeney WTP Treatment Enhancements Project Update
- FY2023 CIP Drivers and Funding Opportunities
- Heritage Park and Marquis Hills Project Review and Lessons Learned
- Northern Regional Pump Stations and Force Mains Progress Update
- Status update on USACE Disposition Study for Cape Fear River Locks and Dams
- Strategic Business Plan: Infrastructure Reliability and Product Quality
- Benefits of Lining Burnt Mill Creek Gravity Sewer Outfall
- Assessment of Long-Term Strategies for the CFPWA Raw Water Transmission System
- Strategies for Supplying Future Water Needs in the Monterey Heights Service Area

10-Year FY-2023 to FY-2032 Capital Improvements Plan



Sustainability Committee



The Sustainability Committee generally met monthly to review CFPWA's environmental and social sustainability initiatives and to make recommendations to the Board.

Based on the Resiliency Report, the Committee approved a carbon reduction goal that drives the Strategic Plan initiative of "managing processes and programs that reduce our carbon footprint." Additionally, the Committee reviewed CFPWA's Source Water Protection Plan that was drafted to accompany the existing Source Water Risk and Resiliency Report.

2022 Awards

Association of Metropolitan Water Agencies:

- 2022 Gold Award for Exceptional Utility Performance

National Association of Clean Water Agencies:

- James A. Loughlin Wastewater Treatment Plant: Gold, 2022 Peak Performance Awards
- M’Kean Maffitt Wastewater Treatment Plant: Gold, 2022 Peak Performance Awards

N.C. Division of Water Resources

- Sweeney Water Treatment Plant: Area Wide Optimization Award, 15th consecutive year

N.C. Department of Labor Achievement in Outstanding Health and Safety:

- Administrative Services: Gold, 13th consecutive year
- Centralized Maintenance: Gold, 9th consecutive year
- Customer Services: Gold, Second consecutive year
- Customer Service - Meter Services: Silver, 6th consecutive year
- Engineering: Gold, 13th consecutive year
- Environmental Management - Community Compliance: Gold, 13th consecutive year
- Environmental Management - Laboratory Services: Gold, 11th consecutive year
- Utility Services - Pump Station Maintenance: Gold, 13th consecutive year
- Utility Services - Water Quality and Locate Services: Silver, 13th consecutive year
- Utility Services - Water/Sewer Construction: Gold, 6th consecutive year
- Wastewater Treatment - James A. Loughlin Wastewater Treatment Plant: Gold, 14th consecutive year
- Wastewater Treatment - M’Kean Maffitt Wastewater Treatment Plant: Gold, 13th consecutive year
- Water Treatment - Richardson Water Treatment Plant: Gold, 13th consecutive year
- Water Treatment - Sweeney Water Treatment Plant: Gold, 11th consecutive year

Government Finance Officers Association

- Certificate of Achievement for Excellence in Financial Reporting, 13th consecutive year
- Distinguished Budget Presentation Award, 11th consecutive year

Employee Years of Service

35 Years

William Kenan, Collections

30 Years

Robert Mazzeo, Collections

25 Years

David Dailey, Engineering
Robert Daughtry Sr., Collections
Frank Styers, Deputy Executive Director
Tim Tinch, Centralized Maintenance
Josie Waters, Collections
Edward Wilson, Distribution

20 Years

Donald Bryant, Distribution
Otis Bryant, Distribution
Lorraine Furr, Engineering
Katherine Willis, Distribution

15 Years

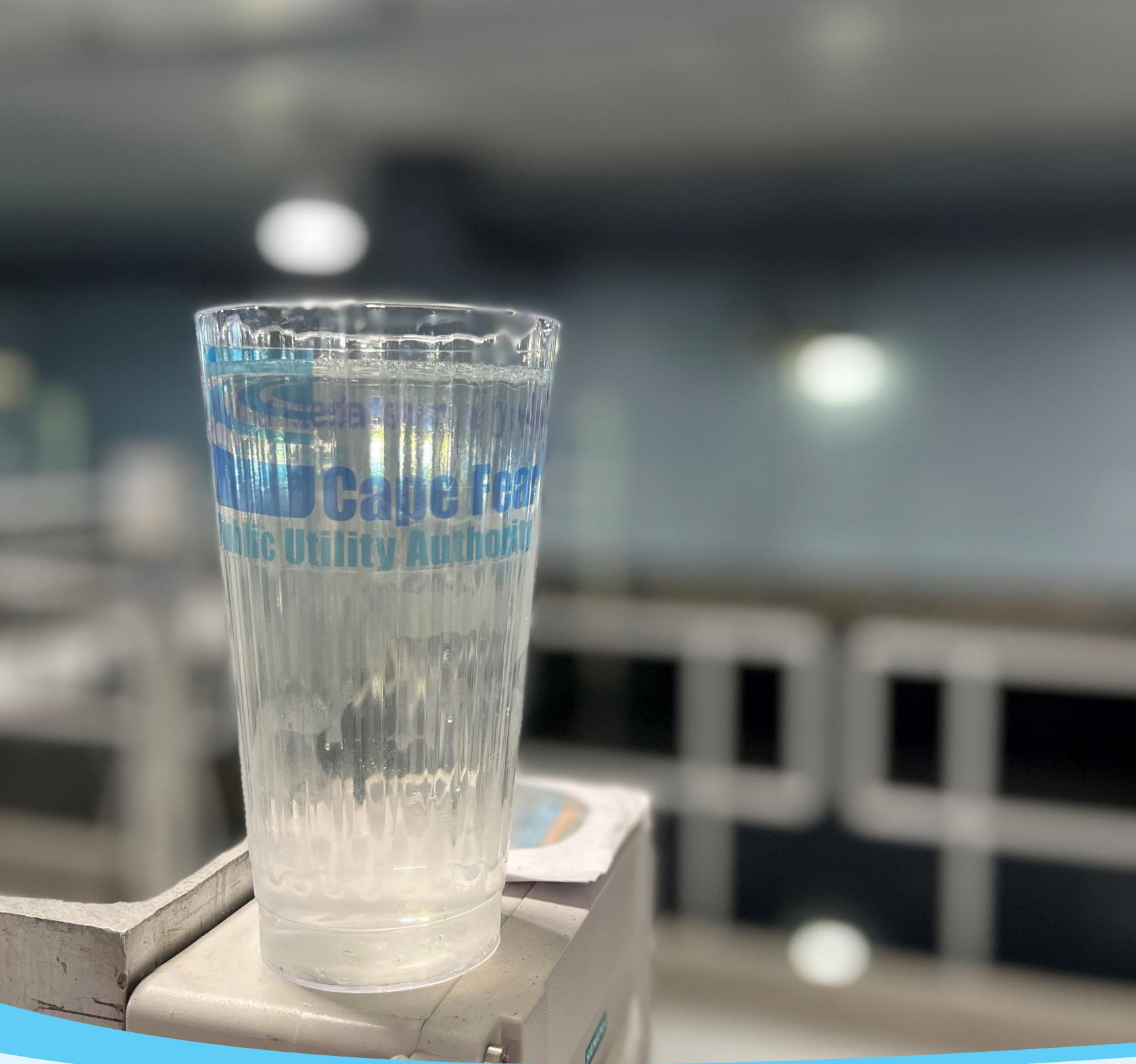
Sherri Anderson, EMS
Larry Alston, Collections
Angela Burney, EMS
Lolita Clarida, Wastewater Treatment
Willie Cooper, Collections
Jill Deaney, EMS
Donald Singleton, Collections
Jimmy Wallace, Collections
Ernest Webb, Wastewater Treatment
Michael White, Distribution

10 Years

Ronald Burns, Collections
Felicia Caison, EMS
Michelle “Shelly” Dobo, Customer Service-Meters
Jamie Grimes, Finance
John Hollerbush, Centralized Maintenance
Lucy Holliday, Customer Service
Kyle Lewis, Engineering
Matthew Tribett, Treatment
Collin Whitehead, Collections

5 Years

David Baggett, Wastewater Treatment
Skip Berner, Collections
Harry Butler, Wastewater Treatment
Joel Coston, Water Treatment
James Daniels, Collections
Matthew Darnell, Water Treatment
Jordan Evans, Project Management
Zach Kelly, Collections
Craig Malone, Collections
Christian Mathis, Wastewater Treatment
David Mays, Collections
Javon Mitchell, Distribution
Eric Ragan, Water Treatment
Vatrice Robinson, Water Treatment
Jason Scott, Centralized Maintenance
Matthew Silinski, EMS
Clement “Adam” Smith, Water Treatment
Zachary Ward, Distribution
Renee Washington, Customer Service
Dennis Wood, Customer Service



Cape Fear Public Utility Authority

235 Government Center Drive

Wilmington, NC 28403

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