



Water Works

January 2023



CFPUA Combines Two Largest Water Systems

As of January 3, CFPUA consolidated its two largest drinking water distribution systems into a single system.

The integration combines distribution systems served by CFPUA's

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Sweeney and Richardson water treatment plants. Sweeney sources raw water from the Cape Fear River and treats about 80 percent of the drinking water CFPUA distributes to customers. Richardson treats raw water from groundwater wells and produces about 15 percent of CFPUA's drinking water, distributed in northern New Hanover County.

The integration does not affect the operation of the two treatment plants and will not impact water quality or pressure for customers.

The combined systems will reduce operational complexity, enhance flexibility, and allow CFPUA to implement a single water quality monitoring schedule. In addition, it will let CFPUA manage increased water demands more effectively during events such as droughts.

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[2022 Sustainability and Resiliency Report](#)



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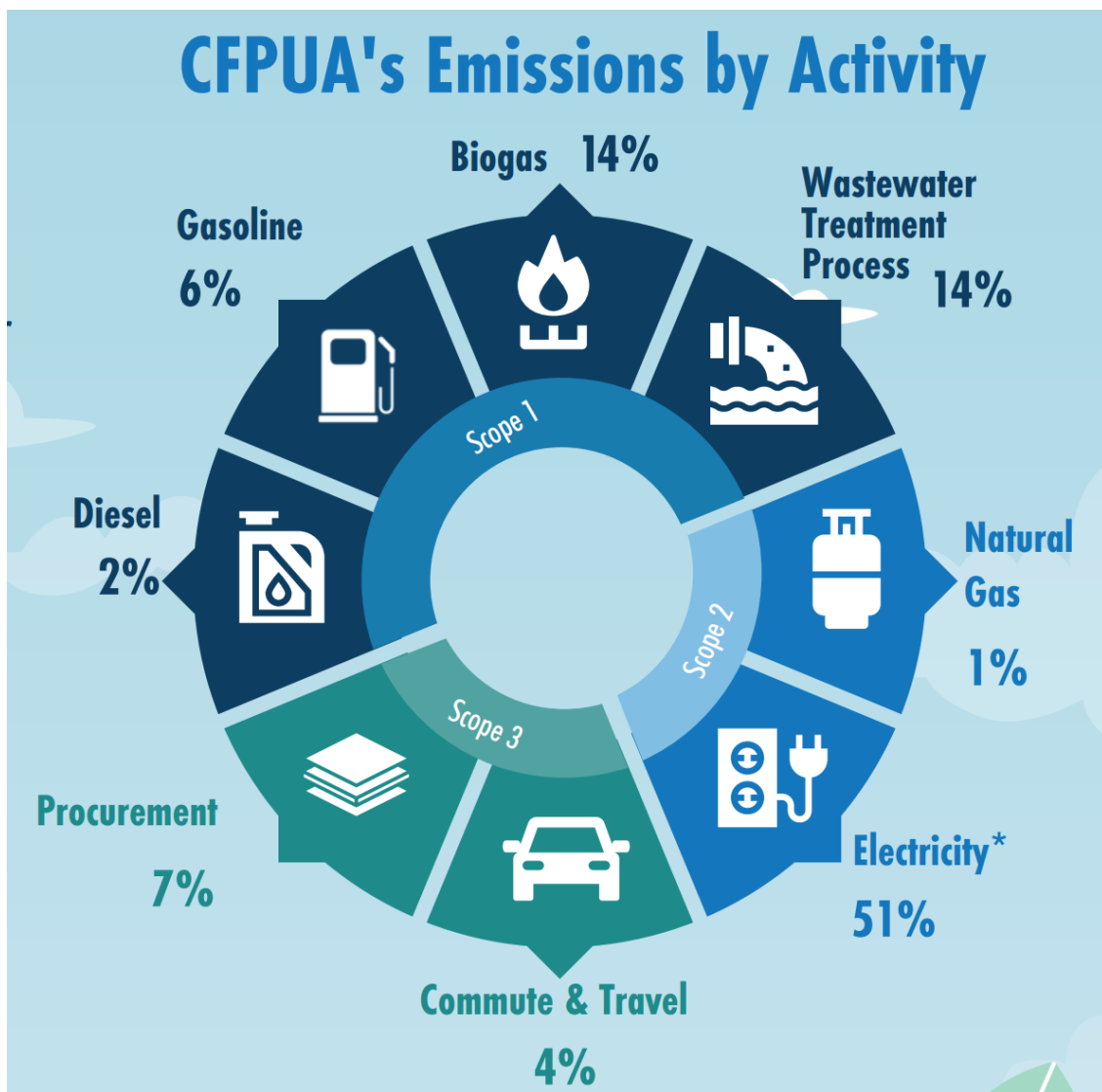
Human Resources: (910) 332-6570

Water Conservation Hotline: (910) 332-6566

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CFPUA's 2022 Sustainability and Resiliency Report



CFPUA's [2022 Sustainability and Resiliency Report](#) is now available!

The report gives a comprehensive overview of efforts across the organization focused on environmental stewardship, sustainability, and resiliency to the effects of climate change. It also includes a detailed analysis of greenhouse emissions associated with CFPUA's water and wastewater treatment operations.

In 2022, the CFPUA Board established a goal to reduce carbon emissions by at least 43% by 2030, using 2019 emissions as a baseline.

"As members of a climate-vulnerable community, we must make data-driven decisions that anticipate future scenarios of coastal inundation, increased numbers and severity of hurricanes, flooding, drought, extreme temperatures, and other secondary impacts," Executive Director Kenneth Waldroup wrote. "For CFPUA, resiliency means providing uninterrupted service by preparing for

these future scenarios, to the best of our ability, using reliable climate modeling, common sense, and the advice of our customers with lived experiences."

In the report, you'll learn about efforts such as:

- CFPUA's Low-Emission Vehicle Program
- Source Water Protection Planning
- Land Use and Forestry
- Reducing Wastewater Inflow
- Protecting Pump Stations from Flooding

What's up at the Veterans Park Water Tower?



If you visit Veterans Park in southern New Hanover County, you may notice work around CFPUA's water tower.

The elevated water tank is getting a cleaning, coating, and painting. Work will start the first week of February.

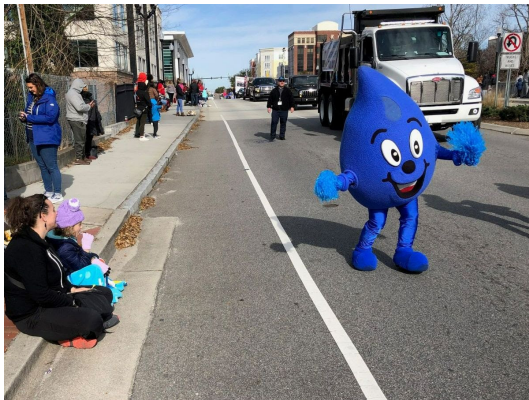
Throughout the duration of the project, the entire water tower will be covered in a shroud to keep paint and other debris from escaping. All staging and work will take place inside CFPUA's easement around the tower, and no traffic impacts are anticipated at the park or nearby schools.

In late 2022, we also performed numerous tests to ensure the project would not affect water pressure or water quality for nearby customers.

The project is scheduled for final completion by April 1.

Celebrating community at the MLK Day Parade

We had a great time this month at the annual Martin Luther King, Jr. Parade in downtown Wilmington! Check out photos from the big day:



Employee Spotlight

Each month we introduce you to one of the more than 300 employees at CFPUA who work to provide you with the best water and wastewater services.



Allyson Ridout

Laboratory Supervisor

Name: Allyson Ridout

Birthplace: Wilson, North Carolina

Department/Division: Environmental Management and Sustainability - Laboratory

Position: Laboratory Analyst

Length of employment: 14 years

Briefly describe your typical day at work: *Each day is different, but in some capacity I am working with laboratory and other CFPUA staff to maintain compliance with state and federal regulations for safe drinking water. In addition to the operational tasks that I am responsible for, I ensure laboratory staff have the training and resources they need to do their jobs. I also spend a lot of time reviewing and managing laboratory data.*

What do you enjoy most about your job? *I enjoy being able to contribute to projects that improve services for our customers. It is rewarding to know that the work I am doing affects the quality of life for people who live in our community in a positive way.*

Tell us about one of your biggest accomplishments or challenges while working at CFPUA? *One of my biggest accomplishments is my contribution to the sample station*

project. Over the last several years, I have worked with staff in the Engineering, Water Treatment, and Environmental Management and Sustainability departments to plan the installation of over 200 sample stations to monitor water quality throughout CFPUA's distribution systems. We have successfully transitioned all our routine sampling locations to sample stations and fire hydrants, instead of sampling from customers' homes and businesses. This has made for more efficient and representative sampling that is less disruptive to our customers.

What advice would you give to recent new hires? *Make an effort to understand why the work you are doing is important and to see the bigger picture. It will make your job more fulfilling.*

What's one thing you'd want customers to know about your department, position, or CFPUA in general? *I'd like for them to know how hard CFPUA employees work to protect public health and the environment. We take pride in the work we do.*

What do you like to do when you're not at work? *I have a 3-year-old son who keeps me busy. It's been fun seeing the world through his eyes. I enjoy outdoor activities and spending time with my family and friends.*

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