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**Adopted Rate Increase and Budget**  
 CCUA's rate increase and budget information for the 2020/2021 fiscal year are now available on our Rates page:  
<https://www.clayutility.org/rates/default.aspx>

**Did you know...?**  
 During Daylight Saving Time, you may water your lawn twice per week on specific days? Know your days!  
 Visit [sjrwmd.com](http://sjrwmd.com) or  
[Click Here to Find Your Watering Day](#)

## 2019/2020 Year in Review

One of CCUA's core principles is to lead the way in improving the quality of life in our community. We clearly understand the continued economic vitality of our community relies on an abundant, safe and economical supply of drinking water. We have voluntarily invested in technology and infrastructure needed to accomplish these important objectives. As we wrap up another year, we would like to share some of the innovative projects we worked on.

### Doctors Lake Phosphorus Removal Project

A partnership project between St. Johns River Water Management District ("SJRWMD") and CCUA was constructed at CCUA's Fleming Island Regional Wastewater Treatment Facility. The innovative pilot project removes phosphorus from reclaimed water before being used for irrigation or entering the Doctors Lake watershed. Treated effluent is pumped and distributed over a vegetated filtration bed, which uses engineered media to remove phosphorus. The media binds with phosphorus, removing it from the water. The phosphorus remains bound to the engineered media, so no byproduct is produced. The reclaimed water is returned to the effluent stream and, ultimately, Doctors Lake. The project will remove an estimated 6,500 pounds per year of total phosphorus and will assist in furthering water quality improvements in Doctors Lake and the Lower St. Johns River Basin. The State of Florida funded the project through a 2018 \$1.5 million legislative appropriation, spearheaded by Senator Rob Bradley and Representative Travis Cummings.



### CCUA Honored for Special Achievement in GIS by Esri

Esri presented CCUA with a Special Achievement in GIS Award for the utility's innovative application of mapping and analytics technology, as well as thought leadership in the field of water and wastewater utilities. Esri leads the global industry in location intelligence. Esri selected CCUA for this award from more than 300,000 eligible candidates. CCUA's GIS team developed a Portal for sharing GIS data, web mapping applications, dashboards, and enterprise sites for distributing information. CCUA's applications featured maps, applications, and enterprise sites are present on the home page to provide CCUA staff with quicker access. The GIS team integrated CCUA's Enterprise Geodatabase as the system of record for the utility's asset management system and established a collaboration within Portal to consume asset information into Portal and ArcGIS Insights. Prior to deployment, staff would rely on multiple systems to review and maintain information.



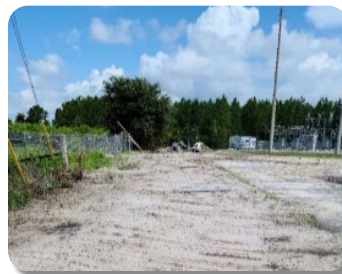
### Tynes Reclaimed Supply & Storage

The Tynes Reclaimed Supply and Storage project included the construction of two 750,000-gallon reclaimed water storage tanks and a distribution facility to support reclaimed water service to over 772 new customers within the Two Creeks, Pine Ridge, Linda Lakes, and Azalea Ridge subdivisions. We estimate the water quality benefit is roughly 1,484 lbs./yr. We also estimate the total Nitrogen reduction within the Lower St. Johns River BMAP area and a secondary water supply benefit of 0.10 to 0.46 million gallons per day (MGD) of alternative water. CCUA received cost-share funding from SJRWMD in the amount of \$1,485,000 for the project.



### Stormwater Harvesting Pilot Project

CCUA continues to progress toward completion on the construction of its Stormwater Harvesting Pilot Project to augment CCUA's public access reclaimed water system. The pilot study will validate water quality, quantity, horizontal well design, disinfection and treatment needs, and operational protocols to provide data needed for full-scale permitting and implementation of the stormwater harvesting design concept. CCUA received cost-share funding from SJRWMD for the project. The SJRWMD will reimburse CCUA up to 50% of the construction costs, not to exceed \$304,590. Our community's use of stormwater to augment the system will make great strides limiting the use of potable water for irrigation.



#### News and Notices

##### Important Notices

- **Reclaim Service Interruption - Portions of Amberly Drive and Heatherbrook Place (10/8/2020)**
- **Emergency Service Interruption and Boil Water Advisory - Portion of Midland Court (10/8/2020)**

- ➔ Employment Opportunity: Engineer in Training
- ➔ Employment Opportunity: Risk & Safety Manager
- ➔ Employment Opportunity: Utility Engineer
- ➔ Annual Drinking Water Quality Report for 2019 Now Available
- ➔ How We Work: Using Cartegraph to Optimize Efficiency
- ➔ CCUA Holiday Hours
- ➔ Board of Supervisors Meeting Schedule
- ➔ Partnership Project Protects Drinking Water Supplies and River Water Quality
- ➔ Alternative Water Supply Technical Assessment now available!
- ➔ Save Water & Save \$\$\$

Have we asked you to take a survey?  
[Click here to begin!](#)

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