

News for Our Customers

The myCUD app is available for iPhone and Android on the iPhone App Store and the Google Play Store.

From Our General Manager ...

We always encourage our ratepayers to stay hydrated, and it's even more important in the summer. You've got longer days -- which allows for more outdoor activities -- and your body needs water even more to maintain good health on hot days.



In this edition, you'll learn why the tap is better than bottled water, the latest on infrastructure upgrades, and how color is the language of fire hydrants and utility flags.

For the latest about what's happening with us every week, be sure to [like us at CUDRC](#) and [follow us on LinkedIn](#).

--Roger Goodson
General Manager

Beat Inflation. Protect the Land. Drink from the Tap.

The typical plastic bottle of water from a vending machine costs \$1-\$2 for 20 ounces. The bottle itself will (more often than not) end up in a landfill and [require about 450 years to break down](#), according to Chariot, a Texas-based energy company.



We've got those stats beat. A gallon of water (128 ounces) from the tap costs roughly one penny. Plus, there's no plastic to deal with. In addition, our treatment plant is a zero-discharge facility. We send no materials back to Stones River or to any other wastewater facility in the area.

The summary page of a study conducted by the [Government Accountability Office](#) notes that safety standards for tap water are more demanding and thorough than those for bottled water. Plus, production of bottled water requires more energy than tap water.

Those are just a few of the many reasons CUD is proud to serve Rutherford County.

Our Annual Water Quality Report

The 2021 report reached mailboxes during May and is [available on our website](#). Among the key takeaways from the report ...

>> Once again, CUD's water had no violations in quality, as certified by the state of Tennessee and the EPA.

>> We test our water at least 120 times each month.

>> Community water systems operate by more stringent testing and reporting rules than bottled water companies.

>> The proper dosage of chlorine is vital to the protection of our water supply.



The image shows the cover page of the 2021 Water Quality Report Consumer Confidence Report from the Consolidated Utility District of Rutherford County, Tennessee. The page features a blue header with the CUD logo and the report title. Below the header is a red bar with the text 'KEY HIGHLIGHTS'. The main content is organized into five rows, each with a text block and a small image. The first row states that the drinking water is safe and meets all of EPA's health standards, with a photo of a woman. The second row mentions that the water system obeys the rules that govern operations, with a photo of a water tap. The third row discusses the use of chlorine to disinfect water, with a photo of a water treatment facility. The fourth row notes that the utility district receives no tax revenue from city, state, or federal governments, with a photo of a tax document. The fifth row compares community water systems to bottled water companies, with a photo of a water bottle.

7 Reasons to Build a Career at CUD

Every home and business in Rutherford County depends on clean, reliable water every day. That means CUD provides an essential, meaningful service, and the benefits of our workplace include:



1. Competitive compensation packages, earned vacation, other paid leave, overtime wages, and bonuses
2. Health benefits that cover medical, dental, and vision policies, employee and dependent life insurance, and long-term disability
3. 10 paid holidays each year, and all employees and staff members with 1-4 years of service receive 10 days or 2 weeks of vacation. CUD also provides Family and Medical Leave (FMLA) and military family leave.
4. Pension plans include enrollment in the Tennessee Consolidated

Retirement System and our 457 Retirement Savings Plan. *You'll have an income even after your career!*

5. Employee Assistance Program offers no-cost, confidential access to counseling services
6. Tuition reimbursement
7. All employees receive free medical care at our onsite health clinic

If you're interested in a career that pays well and truly impacts your community, [visit our Careers page.](#)

Updates on Capital Improvements

Shores Road Transmission Main - Ocala to Richpine (South Almaville Loop)

- Notice of Substantial Completion was issued May 25, 2022.
- As of May 31: The final clean-up is complete so all that remains is the final paperwork.



DMA Stations (District Metered Area - flow meters to help monitor water loss)

- Notice of Substantial Completion was issued May 25, 2022.
- As of May 31: All but Site I (Marshall County Master Meter) are 100% complete. At Site I, the only work remaining is to install the new lid and hatch on the old vault, the site grading, and the restoration/clean-up.
- The hatch CUD ordered should arrive by the end of June. Once installed, the site grading and restoration will proceed.

Baker Road Water Main Replacement

- Overall 37% complete (59% counting stored materials). However, the hardness of the rock being trenched through presents a challenge.
- As of May 31: The contractor installed approximately 1,100 feet of 20-inch, 350 feet of 8-inch, and 150 feet of 6-inch water main, plus four fire hydrants.
- All but one easement has been obtained.









South Loop Phase 1 (West Segment - Parsons Road, Miller Johnson Road and Christiana)

- Overall 24% complete and on schedule -- but have had to adjust work locations based on pipe deliveries.
 - As of May 31: During May, approximately 2,900 feet of 16-inch water main was installed along Parsons Road and Rucker Christiana Road (the first 16-inch pipe installed to date). 1,300 feet of 12-inch water main was installed along Johnson Lowe Road and Rucker Christiana Road, plus three fire hydrants.
 - This brings the total amount of 12-inch water main installed to approximately 3,400 feet and the total number of fire hydrants installed to six.
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The Colorful Language of Utility Flags

You've no doubt seen them many times along a road or even near your yard: the small, single-color flags that mark a location relevant to utility workers.

There are eight different colors, though, which means it's easy to forget the meaning of each. With that in mind, here's your cheatsheet.

	White: Excavation		Blue: Potable Water
	Pink: Temporary Survey Area		Purple: Reclaimed Water or Irrigation
	Red: Electrical Lines or Cables		Orange: Alarm or Signal Lines
	Yellow: Gas, Oil, or Gaseous Materials		Green: Sewer/Drain

Know the Flow of Your Fire Hydrant

Every home and business in Rutherford County needs fire protection in the form of a nearby fire hydrant. While each one has a yellow body -- so it's easy to spot from a distance -- the color on the top gives valuable information.

Specifically, the color indicates how much water can flow out of that hydrant in one minute. See the chart below ...

COLOR CODING SYSTEM OF FIRE HYDRANT TOPS IN RUTHERFORD COUNTY



BLUE TOP

1,501 gallons or more per minute



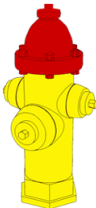
GREEN TOP

1,001 - 1,500 gallons per minute



ORANGE TOP

501 - 1,000 gallons per minute



RED TOP

500 gallons per minute or less

Notable Stats from the Second Quarter of 2022

Much of our work falls into three categories: water quality, maintenance of infrastructure, and support of residential and commercial growth. That said, here are some key statistics related to CUD's efforts.

Water Treatment Plant

April - June gallons pumped

- April: 383.74 million
- May: 465.68 million
- June: 506.15 million



April - June total production costs per million gallons

- April: \$814.47
- May: \$737.80
- June: \$808.78

Engineering

April - June ...

- 30 water availability requests processed
- 269 Plans reviewed and/or plats signed
- 29 site plans and building code reviews
- 312 STEP tank tests



- 6,093 total lots (all types) pending start of construction

Maintenance

April - June ...

- 593 new taps installed
- 138 water leaks repaired
- 141 yards repaired
- 69 meter boxes replaced



maintenance

Information Technology

April - June ...

- Average daily emails processed: 4,559
- Average daily phishing/malware attempts deflected: 2,270
- Firewall attacks thwarted: 9,814 in May and 11,452 in June
- myCUD app downloads
 - Apple: increased from 7,700 in April to 8,400 in June
 - Android: rose from 1,570 in April to 1,700 in June
 - Total: increased from 9,270 in April to 10,100 in June

