

# MEMORANDUM

**To:** Albemarle County Board of Supervisors  
**From:** Quin Lunsford, Executive Director  
**Date:** October 16, 2024  
**Re:** Albemarle County Service Authority (ACSA) Quarterly Briefing  
**cc:** Mr. Jeff Richardson, County Executive; Mr. Trevor Henry, Deputy County Executive; Mr. Lance Stewart, Director of Facilities; ACSA Board of Directors; ACSA Leadership Team and Operations Council

---

We do thank you for the continuing opportunity to share with the Board of Supervisors and the broader community what is happening at your water agency, the Albemarle County Service Authority. We pride ourselves on safe, clean, and reliable Albemarle water. Here are some recent updates from the ACSA:

1. **Lifting of the Drought Watch Declaration** – On June 25, 2024, the RWSA officially declared a drought watch for the Albemarle County and Charlottesville service area. A drought watch is declared to increase public awareness about the climatic conditions and stream flows that indicate there is a concern for an impending drought. As of October 3, 2024, our reservoirs are at 100% of usable capacity. The drought watch has been lifted as our area has received considerable rainfall over the last few weeks and months.
2. **Imagine a Day Without Water** – The Imagine a Day Without Water campaign, which will take place on October 17<sup>th</sup>, is a National Day of Action that brings together communities and stakeholders to highlight the true value of water in our lives. This is the tenth annual celebration and the ACSA, RWSA, and City of Charlottesville will host our annual “Imagine a Day Without Water” student art contest. This year, students are being asked to convey the theme “What’s Your Drop in the Bucket?” and the contest is open to all students in the Albemarle County/Charlottesville area. A copy of the program flyer is attached.
3. **Website Redesign and Telephone System Replacement** -- The ACSA’s Strategic Plan emphasizes Customer Experience (CX) and the redesign of our website and replacement of our telephone system reflect our commitment to improve ways our customers and community partners are able to interact with the ACSA. We are actively working on both deployments and are optimistic that both will be available by early 2025.

4. **ACSA Capital Projects Update** - The approved FY 2025 Capital Improvement Program totals \$12.1 million. The ACSA's 10-year CIP invests \$140 million in infrastructure investments and upgrades. Highlights and current major projects are detailed below:

- **Madison Park Pump Station Upgrade** - This project replaces the current pump station that was constructed nearly 40 years ago by a private developer. The original equipment is wearing down and the building is undersized to handle SCADA monitoring equipment. The previous pump station was demolished, and the replacement station has been delivered to the site. Interior work on pump station related to controls is underway.
- **Crozet Phase 4 Water Main Replacement** - This project replaces aging and undersized asbestos-cement and PVC water mains along Rockfish Gap Turnpike, Crozet Avenue, Hillsboro Lane, and the neighborhood streets of the Park View subdivision. Construction is underway with the water main installation complete along Crozet Avenue up to Lickinghole Creek. Pavement restoration efforts along Hillsboro Lane and the Park View subdivision is anticipated in October. ACSA staff is working closely with County Schools to coordinate times to connect Brownsville Elementary, Henley Middle and Western Albemarle High Schools to the new system.
- **Avon Operations Center** - The Avon Street property has long been held as a future location to build additional facilities in a central location, as needed. The current Maintenance Yard at our Pantops Operations Center is becoming overcrowded with equipment and materials. This project will develop the ACSA owned Avon Street property into a satellite facility for larger vehicle and materials storage. This new site will also replace some of our storage at Crozet that was lost with the water plant expansion there. This site creates the opportunity for some sustainable and conservation-oriented applications including solar energy and electric vehicle charging stations. The project was re-bid and contract execution is expected in October 2024.
- **Ragged Mountain Phase 1 Water Main Replacement** - This project will replace the oldest active water main remaining in our system, which was part of the water main that served customers on Reservoir Road. This cast iron pipe is over 90 years old and is severely tuberculated, which significantly reduces the flow capacity in this section. An alignment has been selected and bids were due October 1<sup>st</sup>.
- **Northfields Water Main Replacement** - This project replaces asbestos cement water mains that were part of the original well system that dates to the 1960's. Project is at the 90% design stage.

- **Scottsville Phase 4 Water Main Replacement** - This project will replace aging and undersized water mains along James River Road, Warren Street, Hardware Street, and several other roads in Downtown Scottsville. We are at the 90% design phase. Revised easement plats have been received and easement acquisition efforts are underway.
- **Briarwood Water Main Replacement** - Our Strategic Plan calls for the eventual replacement of PVC (pre-1990) water mains in our system, as they are older and made of weaker material than the current industry norm. This project will replace the PVC water mains that have been in service since the early 1980's. The field surveying work has been completed. Design work is at the 90% stage, and easement acquisition efforts are nearing completion. A meeting was scheduled for the evening of October 10, 2024, at the North Fork Research Park for public outreach and to share information on the project with the neighborhood. A January 2025 advertisement for construction is anticipated.
- **Broadway Street Water Main Replacement** – This project will replace the ductile iron water main that was installed in the early 1970's and has been found to be in deteriorating condition based upon recent excavations. With the redevelopment of the Woolen Mills Factory and Albemarle County's increased attention on economic revitalization of this corridor, replacement of this water main is crucial to transforming this area. Construction bids were received on September 26, 2024 and those bids are currently under evaluation.
- **Raintree and Fieldbrook Water Main Replacement** - This project will replace the PVC water mains that have been in service since the 1980s and will eliminate pipe saddles at the water service connections that have been failing due to corrosion. Project is at the 50% design phase. Construction scheduled for 2027.
- **Airport Trunk Sewer Upgrade** - With the continued growth in the Hollymead Town Center area, the existing sewer collector serving the airport and the area west of Route 29 needs upgrading to handle full build-out. A study of the drainage basin was completed in 2016, with the recommendation the sewer main be increased in size by replacing it in place. Easement acquisition efforts continue for this project. Design work is at the 90% stage.
- **Bellair – Liberty Hills Sewer** - Over the past several years there has been an increase in residents of the Bellair Subdivision seeking to connect to public sanitary sewer service, since most residents are currently served by private septic fields. We are at the 50% design phase for this project.

- **Barracks West Water Main Replacement** - This project will replace the undersized and aging cast-iron and galvanized water mains that were installed in the late 1960s. These water mains are original to the Old Salem Apartments development, now called Barracks West. This project is at the 95% design phase, with easement acquisition underway.
- **Townwood Water Main Replacement** - This project continues our systematic program to replace PVC water mains that have been in service since the early 1980's and have recently experienced several water main breaks causing water service disruptions. This project is at the 90% design phase, with easement acquisition upcoming.
- **Buckingham Circle Sewer** – Over the past few years, numerous residents of the Buckingham Circle Subdivision have expressed interest in connection to public sanitary sewer service. Feedback from the subdivision indicates that more than 70% of the property owners are interested in connection to public sewer if made available. The ACSA is currently evaluating drainfield records and other information to better understand gravity design of the proposed system.

Let us know if you have further questions or comments. We are more than glad to meet with you or hold a virtual meeting to talk about any of our projects, or facilities, or provide a tour if that would be useful.

Attachments: Imagine a Day Without Water Art Contest Flyer

# 2024 Youth Art Contest

## Imagine a Day Without Water



**Open to:**  
All Youth that live in the  
City of Charlottesville  
& Albemarle County in  
Grades K to 12th.

### Theme: "What's Your Drop in the Bucket?"

Water is essential for life. You need water for everything from brushing your teeth, growing the food you eat, and making the things you use everyday. Every drop counts and we want you to show us "what's your drop in the bucket."

SEPT 30<sup>TH</sup> - OCT 28<sup>TH</sup>

## Contest Rules

- ✎ All entries must convey the theme of the contest:  
**"What's Your Drop in the Bucket?"**
- ✎ Entries must be the work of one individual student, no collaborations.
- ✎ Multiple entries from the same student will be accepted.
- ✎ Original artwork or photography only. Entries submitted with copyrighted characters or images will not be accepted.
- ✎ Artwork can be any 2-dimensional size. Suggestion sizes are horizontal 11" x 8.5" for drawings and 4:3 ratio for photography.
- ✎ Any medium may be used (paint, colored pencils, crayons, markers, photography, etc.) No 3-D entries, please.
- ✎ Teachers may submit for students or students can submit independently through their parents.
- ✎ Submission Options:
  - Submit digitally through our Art Contest Platform Upload Form (accepts: JPEG/JPG, PNG, or GIF images).
  - Mail your entry to Water Conservation, PO Box 911, Charlottesville, VA 22902
  - In person at JMRL Central, Northside, and Crozet branches. Check JMRL.org for hours of service.

## PRIZES

### ✓ For the Students:

**\$200 gift card**

One winner in each category

- Grades K-2
- Grades 3-4
- Grades 5-6
- Grades 7-8
- Grades 9-12
- Fan Favorite (voting Nov 18<sup>h</sup> - Dec 4<sup>th</sup>)
- Best Photography

### ✓ For the Teacher:

Teachers that have their students participate with be eligible for **\$200 gift card** for classroom projects.

- Most classroom submissions
  - A random winner each from a CCS, ACPS, and a private school or organization
- The more students that participate will increase the odds of winning!**



TENTH ANNUAL  
**Imagine a Day Without Water**  
October 17, 2024



[www.charlottesville.gov/artcontest](http://www.charlottesville.gov/artcontest)

# Official Entry Form



## 2024 Charlottesville "Imagine a Day without Water" Art Contest: What's Your Drop in the Bucket

Name: \_\_\_\_\_ Age: \_\_\_\_\_

School: \_\_\_\_\_ Grade: \_\_\_\_\_

Division Category: Grades: K-2  Grades: 3-4  Grades: 5-6   
(Please check one)

Grades: 7-8  Grades: 9-12  Photography

Teacher Sponsor Name (if applicable) : \_\_\_\_\_

Home Phone Number: (\_\_\_\_) \_\_\_\_\_  
(Parent/Teacher signature)

E-mail Address: \_\_\_\_\_

*If you are submitting in person or through mail, you must completely fill this out to be a valid entry.*

***Please write legibly! Electronic submissions will fill this out as part of your digital submission.***

*Posters become the property of the contest sponsors (City of Charlottesville, ACSA and RWSA) and will not be returned. The contest sponsors have the right to display or otherwise use the submissions for future promotions.*

**Deadline for all poster entries is Monday, Oct 28<sup>th</sup> 2024! Please attach this form to the back of your poster!**

- ✍️ Winners will be recognized through a press release and their work will be exhibited in public venues.
- ✍️ A panel of judges (to be selected by the contest sponsors) will select the winning posters for each grade division.
- ✍️ Posters will be judged on message (keep in mind the theme), originality, creativity and overall presentation.
- ✍️ Posters must be submitted by October 28<sup>th</sup> using one of the official submission processes by the end of business day.
- ✍️ The Fan Favorite winner will be selected by online voting from the top entries (number based on entries). The link with the eligible entries will be available at [www.charlottesville.gov/artcontest](http://www.charlottesville.gov/artcontest) starting on November 18<sup>th</sup> through December 4<sup>th</sup>.
- ✍️ One student may not win both the fan favorite and judges pick, and if the student is chosen for both, the fan favorite runner-up will win the Fan Favorite prize.
- ✍️ The winners of all categories will be announced by December 11<sup>th</sup>, 2024.

For updates and full list of rules and contest information, please go to our website. [www.charlottesville.gov/artcontest](http://www.charlottesville.gov/artcontest).

### Submit Online:

[www.charlottesville.gov/artcontest](http://www.charlottesville.gov/artcontest)

### Submit by Mail:

Water Conservation, PO Box 911,  
Charlottesville, VA 22902.

### Submit in Person:

At JMRL Central, Northside, and Crozet  
branches. Check [JMRL.org](http://JMRL.org) for hours of service.

## QUESTIONS?

Contact:

Jill Greiner

Water Efficiency Program Coordinator

434-970-3877

[waterconservation@charlottesville.gov](mailto:waterconservation@charlottesville.gov)

**Important:** Each poster mailed or delivered in person **MUST** have the official entry form attached to the back. All information must be filled in completely and legibly. Illegible and incomplete entries will be disqualified. Please print or type ALL information. **Entry forms may be copied if needed.**