BOARD OF DIRECTORS' MEETING

November 20, 2025 9:00 A.M.

AGENDA

This meeting is being held pursuant to and in compliance with Va. Code Section 2.2-3708(3). The ACSA Board of Directors is responsible for receiving public comment. The opportunities for the public to access and participate in the electronic meeting are as follows: Join the meeting virtually through Zoom by visiting our website at www.serviceauthority.org; call in and leave a message prior to the meeting at (434) 977-4511, or email the Board prior to the meeting at board@serviceauthority.org.

9:00 a.m.	1. Call to Order and Establish a Quorum –Statement of the Board Chair
9:05 a.m.	2. Approve Minutes of September 18, 2025
9:10 a.m.	3. Matters from the Public
9:20 a.m.	4. Response to Public Comment
9:30 a.m.	5. Consent Agenda
	a. Monthly Financial Reports
	b. Monthly Capital Improvement Program (CIP) Report
	c. Monthly Maintenance Update
	d. IT Monthly Update
	e. Rivanna Water and Sewer Authority (RWSA) Monthly Update
	f. ACSA Board Policy Issues Agenda 2025
9:45 a.m.	6. Annual Comprehensive Financial Report (ACFR) Presentation
10:15 a.m.	7. Operational Presentation- Utility Location Group
10:40 a.m.	8. Items Not on the Agenda
10:45 a.m.	9. Adjourn



ALBEMARLE COUNTY SERVICE AUTHORITY STATEMENT OF CHAIR TO OPEN THE NOVEMBER 20, 2025 MEETING

This meeting today is being held pursuant to and in compliance with Va. Code Section 2.2-3708.3.

The opportunities for the public to access and participate in the electronic meeting are posted on the ACSA's website. Participation will include the opportunity to comment on those matters for which comments from the public will be received.

1	The Board of Directors of the Albemarle County Service Authority (ACSA)
2	met in a regular session on September 18, 2025, at 9:00 a.m. at the
3	Administration and Operations Center at 168 Spotnap Road in
4	Charlottesville, Virginia.
5	Members Present: Mr. Richard Armstrong; Ms. Lizbeth Palmer; Mr. John
6	Parcells (virtual); Mr. Clarence Roberts; Ms. Kimberly Swanson.
7	Members Absent: Charles Tolbert.
8	Staff Present: Mike Derdeyn, Deborah Herr, Quin Lunsford, Jeremy Lynn,
9	Alex Morrison, Emily Roach, Keane Rucker.
10	Staff Absent: Danielle Trent; April Walker.
11	Public Present: Jennifer Whitaker, RWSA; Bill Mawyer, RWSA; Dave
12	Tungate, RWSA; Matt Wimmer, Hazen and Sawyer.
13	
14	1. Call to Order and Establish a Quorum – Statement of Board Chair
15	The Chair then called the meeting to order. He read the opening
16	Board Chair statement (Attached as Page), and a quorum was
17	established. He stated that pursuant to State law and the ACSA's policy, Mr.
18	John Parcells is participating in the meeting remotely from Ashland, Oregon
19	where he is visiting family.
20	Ms. Palmer moved to approve John Parcell's remote
21	participation in the September 18, 2025, Board of Directors meeting;
22	seconded by Ms. Swanson. All members voted aye.
23	
24	2. Approve Minutes of August 21, 2025
25	Mr. Parcells stated that he had one small correction on page 18, line
26	25 of the Board packet. He stated that there is a "the" that should be "they."
27	Ms. Swanson stated that she had a correction on page 13, line 1. She stated
28	that the word "play" should be "pay." Mr. Armstrong noted that the clerk has
29	been doing a very good job with the minutes, as there have not been many
30	corrections to the minutes in the last several meetings.

Ms. Palmer moved to approve the minutes of September 18, 2025; seconded by Mr. Roberts. All members voted aye.

3. Matters from the Public & Response to Public Comment

4. Response to Public Comment

5. Consent Agenda

a. Monthly Financial Reports –

- b. Monthly Capital Improvement Program (CIP) Report Ms. Swanson stated that she had a question about the Townwood Water Main Replacement project on page 66. She asked if the road would be turned over to VDOT. Mr. Lynn replied no. He stated that the ACSA will be getting an easement from the County of Albemarle.
- c. Monthly Maintenance Update Mr. Parcells stated that he had a couple of questions about the 80,000-gallon leak on page 81. He asked how the leak was detected and if AMI was used. He also asked, regarding the corrosion of the valve, why they do not test the soil now and take preventative steps right away, instead of waiting to dig up a second valve.

Mr. Morrison stated that due to the severity of the leak and the size of the hole that it left, they did not have a good soil sample to collect that was in close proximity to the valve. He stated that the ACSA team is test digging the adjacent valve today and collecting a soil sample that is in contact with that line to determine the corrosivity level. Mr. Parcells asked what criteria they have for corrosivity before they protect the new valve. Mr. Morrison stated that, generally, they would look at the USDA soil mapping to determine if there is a moderate or high level of corrosive soil in the area. He stated that they would then use a 10-point scale to determine if additional protection is needed beyond the standard zinc coating. Mr. Parcells asked what that normal shelf life is for this type of valve. Mr. Morrison stated that generally, they could see 40-60 years out

of the valve but it depends on how often it is used and other factors, so it is hard to give a specific number. He noted that they have had valves in other areas with corrosion issues on the bolts. He stated that when they can identify it early, they can replace the bolts ahead of a failure such as this one. Mr. Parcells stated that this type of thing would not be caught during a valve inspection, given that inspecting the valve just involves actuating the valve. Mr. Morrison stated that this is correct. He stated that they would not know if the valve bolts were corroded unless they excavated and performed an additional inspection. Mr. Parcells asked what corrosion prevention steps they will take if they find corrosion on the second valve. Mr. Morrison replied that the newer bolts they use do not corrode as easily as the older ones. He stated that they would go through and replace bolts on other valves in that area to prevent another failure like this one from occurring.

Mr. Lynn stated that RWSA had staff monitoring tank levels 24/7 and they noticed the Piney Mountain tank level dropping, which serves this area. He stated that they reached out to the ACSA staff and had staff investigating in that area as well. He noted that when that much water is being lost and the ACSA is not receiving phone calls from customers, it indicates that the leak is not in a well-populated area. He stated that they had staff investigate in the less-populated area and they were able to locate the leak and isolate it.

Ms. Palmer asked how much the Piney Mountain Tank holds. Mr. Lynn stated that it holds 750,000 gallons. Mr. Parcells stated that the leak was 80,000 gallons. He stated that it seems like it would take more than that to reduce the tank level significantly. Mr. Morrison stated that the leak was more than 80,000 gallons but he would have to go back and look to get the exact number.

Mr. Parcells asked how the Hyland Ridge aerial sewer crossing structural failure was detected. Mr. Morrison stated that it was reported to the ACSA by a developer that lives in that community. He stated that ACSA

crews went out and placed supports on the pipe to keep it in place. He noted that luckily, the pipe has restraint joints, so it did not disconnect when it came off of the concrete supports.

Ms. Swanson stated that she had a question about the VDH monthly operating reports. She asked what the ACSA is reporting to them every month. Mr. Morrison replied that the reports are for each distribution system and include the total volume of water that was purchased in that period, which is also broken down to the daily volume. He stated that the reports also include whether there were any failures within the system that need to be reported outside of the two-hour reporting window.

Ms. Palmer stated that she had another question about the Hyland Ridge aerial sewer crossing. She asked how the sewer pipe was displaced. Mr. Morrison replied that they do not know how the stainless-steel supports failed. He stated that they hypothesized that one of them failed with a crack in the weld and when it displaced from the pier, it caused the next three to fail. He stated that when they inspected, however, they found no impact to the pier or pipe, or trees that had come down, so they do not know why it failed.

- d. IT Monthly Update
- e. Rivanna Water and Sewer Authority (RWSA) Monthly Update -
- f. ACSA Board Policy Future Issues Agenda 2025
- g. Imagine a Day Without Water Resolution -

Mr. Parcells moved to approve the consent agenda, seconded by Ms. Swanson. All members voted aye.

6. Northern Urban Area Utilities Master Plan

Mr. Lunsford stated that he wanted to welcome Bill Mawyer, Jennifer Whitaker, and Dave Tungate from RWSA. He stated that they graciously accepted his request to present to the ACSA Board today. He noted that this presentation (Attached as Pages_____) was provided to the RWSA Board of Directors earlier this summer and was found to be incredibly informative.

He stated that it was important for the ACSA Board to see, to understand some of the study work that has been done and the work that continues to be done as projections evolve.

Bill Mawyer, RWSA Executive Director, came forward to address the Board. He thanked the Board for having them today and also thanked the ACSA for allowing RWSA to use their Board room while RWSA's building is under renovation. He stated that starting next Tuesday, RWSA and RSWA will hold their Board meetings in the ACSA Board room every fourth Tuesday. He noted that they will probably be using the room for about two years while theirs is being renovated.

Mr. Mawyer stated that he would begin the presentation by giving some context to the planning efforts, and Jennifer Whitaker would present on the engineering details. He noted the picture of a pipe on the title slide of the presentation. He stated that this is the pipe that will go under the South Fork Rivanna River, which will give them a secondary method of transferring treated water to the northern area. He noted that this will allow for additional capacity, as well as redundancy. He added that the work is currently ongoing.

Mr. Mawyer stated that RWSA's mission is to ensure that there is adequate water supply, treatment, and distribution for the customers in the City of Charlottesville and Albemarle County. He stated that because of this, master planning is a large part of what RWSA does.

Mr. Mawyer moved to the next slide illustrating the Urban service area. He stated that the pink area is what they refer to as the Urban water area, which includes the City and all of the developed areas adjacent to the City that are served by the ACSA. He stated that the wastewater area shown to the left is similar, but they also serve Crozet. He stated that the northern service area for water and wastewater is everything north of the South Rivanna River.

Mr. Mawyer stated that there are a number of facilities in the northern area, as shown on the next slide. He stated that there is the Piney Mountain

Tank, which holds about 750,000 gallons, the North Rivanna Water Treatment Plant that will be decommissioned in a couple of years, the North Rivanna Water Line that needs some work in the future, the Airport Road Water Pump Station that was recently completed on Airport Road, and the North Rivanna Water Treatment Plant, which is the largest water treatment plant. He noted that the green line shows a sewer line and north of the fork at the green line and the red line on the map is the Powell Creek Interceptor.

Mr. Mawyer moved to the next slide noting some of the current challenges in the northern area. He stated that the largest water supply reservoir is Ragged Mountain. He stated that they added the Ragged Mountain Dam, increasing the reservoir from 500 million gallons to 1.4 billion gallons, with a plan to go to 2.1 billion gallons. He mentioned, however, that it is not well-connected to the water distribution system. He stated that they will discuss how they are going to address that issue with the Central Water Line. He stated that water from the Ragged Mountain Reservoir is treated at the Observatory Water Treatment Plant, and there is a new pipe being put in to get the water from the reservoir to the plant. He stated that the Central Water Line will convey treated water throughout the city and tie into major water transmission mains coming from the north, enabling them to get treated water to the northern part of the Urban area. He added that the solution to the northern area issue really starts with the water supply projects that are underway.

Mr. Mawyer stated that there is vulnerability to main breaks on 29 North, where there is only one pipe, one crossing of the South Rivanna River and only one crossing of the North Rivanna River. He stated that there will be duplicate crossings at both locations to help solve the vulnerability issue. He mentioned that as growth continues in the northern area, they will need to add two 1-million-gallon storage tank at the Airport Road Pump Station, as well as two additional pumps in the pump station to get the water to the northern area. He noted that the Airport Road Pump Station was built to

accept more pumping and can be expanded from 1 million gallons per day (MGD) currently to about 4 MGD.

Mr. Mawyer moved to the next slide illustrating the various water supply projects. He stated that the first project they have planned to address the development in the north is the Ragged Mountain Reservoir (RMR) to the Observatory Raw Water Pipe & Pump Station, which is represented by the brown line on the map. He mentioned that it is currently under construction and will convey raw water from the RMR to the Observatory Water Treatment Plant (OBWTP). He stated that renovation of the OBWTP was recently completed, and the capacity was increased from 7.7 MGD to 10 MGD. He added that there will be more raw water at the reservoir and greater treatment capacity at the OBWTP, but as he mentioned there is difficulty getting it into the city system and northern system.

Mr. Mawyer stated that the second project, the Central Water Line Project, is going to help cure that problem. He stated that this project is also under construction, and the design for a small portion of the line near East High Street will be finished soon. He noted that the ACSA's share for all four water supply projects is determined by the water supply agreement that is in place.

Ms. Palmer asked if the cost sharing split was 80/20 for the Central Water Line project. Mr. Mawyer replied that the cost sharing split for the Central Water Line was 52/48. He stated that they worked with Gary O'Connell, former ACSA Executive Director, during his tenure, on a number of the agreements but most of the cost sharing goes back to the Ragged Mountain Dam agreement that was put in place in 2012.

Mr. Mawyer stated that the biggest project that will convey untreated water from the Rivanna Reservoir to the Ragged Mountain Reservoir is number four on the slide. He mentioned that they expect to advertise this project for construction bids on September 30, 2025, and hopefully have it awarded by the end of the calendar year.

Mr. Mawyer stated that project number three on the slide is raising the water level at the Ragged Mountain Reservoir, and it is currently under construction. He stated that Faulconer Construction was awarded the project, and they need to clear the trees around the perimeter of the reservoir. He mentioned that when there is a lot of rain and there is over 30 MGD coming through Sugar Hollow, they will be allowed to transfer water to Ragged Mountain until the line from the Rivanna Reservoir to Ragged Mountain is built. He added that when the line is finished, they will terminate any transfers from Sugar Hollow.

Mr. Mawyer stated that all of these projects are under construction except for the purple line, project number four, which they hope to begin early next year. He mentioned that they also have the last 20% of the Central Water Line project to award and get under construction.

Mr. Mawyer stated that the next slide shows another diagram of what he just discussed. He stated that the big blue lines on the map are water transmission lines they have in place, and the pink line is the Central Water Line that they are about to build through the city. He noted that it will tie the big transmission lines together, allowing them to move water from the Observatory Water Treatment Plant and the Avon Tank to the Pantops Mountain Tank and to the northern part of the system.

Mr. Mawyer stated that these projects should be completed over the next five years, but they have a whole series of projects that extend until 2070 to accommodate growth, as described by the planning department at the County and the UVA Foundation. He noted that this information is what the Northern Area Utilities Master Plan is based on. He stated that he would now turn over the presentation to Jennifer Whitaker to provide more detail.

Ms. Whitaker, Director of Engineering and Maintenance for RWSA, came forward to address the Board. She stated that shortly after COVID, it became obvious that there was an uptick of planning and development in the northern area. She stated that prior to 2008, there was a rather massive planning effort for the County, but the economic crash brought that to a halt.

She stated that shortly after COVID, plans began to come in and there were discussions about growth and development in the northern area. She noted that they had just completed the 2019 Finished Water Master Plan, which did include the entire Urban area. She mentioned, however, that they were concerned they had not focused enough on the nuances of the northern area. She stated that they decided to commission a separate plan called the Northern Area Utilities Master Plan.

Ms. Whitaker stated that there were four goals for this master plan, the first of which was to understand the upcoming developments for the County and the UVA Foundation. She stated that the second goal was to utilize the existing water and sewer models to see if the system reacted as they expected with the additional demands that had been identified. She stated that the third goal was to utilize the modeling results to confirm the scope and schedule for the northern area CIP projects specifically and then, lastly, compare the plan to the 2019 Urban Finished Water Master Plan.

Ms. Whitaker stated that there were four items RWSA considered specifically in the Northern Area Utilities Master Plan. She stated that the first was the background growth and development along the entire corridor. She stated that the other three were very specific accelerating growth patterns that had been brought to their attention. She stated that one was the rezoning of the North Fork Research Park by the UVA Foundation. She stated that the second item was the North Pointe development. She mentioned that as recently as a couple of months ago there was another rezoning to increase density in this development. She stated that the third was the Rivanna Futures development. She mentioned that the County has worked extensively on that property over the last few years and it continues to evolve.

Ms. Whitaker moved to the table on the next slide. She stated that is from the Northern Area Utilities Master Plan. She stated that the UFWMP is the Urban Finished Water Master Plan, which show the 2019 numbers that RWSA was basing its planning on. She stated that with the Northern Area

Utilities Master Plan, there is about 0.5 MGD increase anticipated. She stated that this validated RWSA's concerns and observations were correct, and they needed to account for the higher growth and densities in the northern area.

Ms. Whitaker stated that the table on the next slide shows existing demands on an average day and a maximum day, under the UFWMP from 2019, as well as the current demand projections. She stated that they took those numbers and projected out what they anticipated seeing in terms of background growth as well as overall growth in those areas. She stated that the projections showed the numbers going up by almost 0.75 MGD on a maximum demand day. She noted that this was consistent with what they have been observing, as they expect more growth in this area than what was previously anticipated.

Ms. Whitaker stated that as they started working through their water modeling, the came across three key challenges in the northern system. She stated that for one, they were finding that increased demands lead to increased pump run times. She stated that, ultimately, it exceeded the capacity of the finished water pump station at Airport Road. She mentioned that there is currently one 1.5 MGD pump in that pump station and a backup. She stated that, luckily, they had foresight and made provisions within the pump station to incrementally expand the pump station.

Ms. Whitaker stated that the next key challenge is that the northern area is highly influenced by the South Rivanna Treatment Plant operation. She stated that in order for the suction side of the Airport Road pump station to run, the South Rivanna Water Treatment Plant needs to be online. She stated that part of the reason for the Central Water Line is for redundancy, so they can take a plant offline for maintenance. She mentioned that the South Rivanna plant needs to be up and running at all times currently, which is not feasible from a maintenance perspective. She stated that they are looking at adding a 1-million-gallon ground storage tank at the pump station,

which will allow them to use different plants when they need to and to shut down the pump station when they need to do maintenance or other activities.

Ms. Whitaker stated that the third key challenge is they have high velocity in the northern part of the system. She stated that it is far away from the rest of the Urban area, so they have to send water long distances through a pump station. She stated ultimately, the answer is to increase piping and piping networks.

Ms. Whitaker moved to the next slide outlining the improvement projects for the northern area water system. She stated that through their study, RWSA identified all of the projects that need to happen and the timeline for those projects. She stated that the dates shown for each project listed are based on the findings from their study. She mentioned that they also have a trigger chart which is based on actual demands. She stated that the following slide shows the various projects on a map. She noted that there are a few projects identified that are opportunities for the ACSA to create some redundancy in the system.

Ms. Swanson stated that she had a question about the road construction on Route 29 where RWSA upsized the pipeline at the Hydraulic Road intersection. Ms. Whitaker stated that they did upsize the pipe there, but they also constructed a pipeline from the South Rivanna River crossing all the way north, past Target. Ms. Swanson asked if they had that pipeline, another pipeline under the Rivanna River, and then another pipeline. Ms. Whitaker stated that there will be two pipes under the river, a 12-inch line, and they are currently putting a 24-inch pipe under the river as well. She stated that they converge with the single 24-inch pipe that heads north.

Mr. Roberts asked if they used directional boring for both of those pipes. Ms. Whitaker stated that they are using directional boring on the 24-inch pipe that is being installed currently. She skipped forward to the South Rivanna Crossing slide to show an illustration. She stated that they have a drill pit on the north side of the river and noted the drilling machine with the drill head in the middle picture. She stated that they drilled along an

alignment under the river. She stated that in the top right of the slide there is a picture of reaming heads. She stated that those reaming heads are different diameters, which are attached to the drill head and then pulled back through to slowly increase the diameter of the hole that they drilled. She stated that they have made the original drilling pass and have reamed once and are on the second ream which is 30 inches. She noted that there will be a 38- inch ream and at the end of that, they will pull the plastic pipe back through to make the interconnection.

Ms. Swanson asked when they anticipate doing the actual pull-through. Ms. Whitaker stated that they anticipate having all of the drilling work done by November. She stated that it will take a while to make the interconnections after the drilling is done, but the drilling itself should be done by the end of November. Ms. Palmer asked if there was any way to create a time-lapse video of the work. Ms. Whitaker replied that the only catch is that most of the work is underground but documenting it could be useful, and they will work on that.

Ms. Palmer stated that there is a 12-inch water line and a 24-inch water line going into a 24-inch water line. She asked if that will be enough when the system reaches those higher demands. Ms. Whitaker replied that it is adequate but once they get through with the current set of projects, one of the items they will be looking at is that single point. She stated that when you get up to the Brookhill subdivision, there are other pipes available but there is a stretch just north of the river where there is a single pipe. She added that this is one of the things they are looking at as part of their longer-range planning.

Ms. Whitaker went back to the Central Water Line project slide. She stated that she wanted to re-emphasize that everything they have discussed in the northern area on the water side is completely contingent upon the Central Water Line being completed. She stated that she refers to this project as the most important project RWSA has because it ties everything together and provides redundancy and flexibility. She added that it is also very

important for the northern area because, depending on which water treatment plant is online on any given day, they need to be able to bring water from multiple directions and different treatment plants.

Ms. Whitaker moved to the Airport Road Water Pump Station. She stated that she has to give credit to the design engineers that worked on this project, as well as the RWSA project staff. She stated that this pump station currently has two pumps, one of which has a capacity of 1.5 MGD. She stated that they can install up to a total of four pumps, which would allow them to increase the pumping capacity to 4.5 MGD. She mentioned that additionally, the pumps sit in pump cans which are essentially chambers. She stated that they upsized those chambers, so they can pull out each pump that is 1.5 MGD and install a 2 MGD pump. She noted that, overall, the future ultimate buildout of the pump station could be as high as 7-7.5 MGD. She added that the pump station is online, and they currently run it 3-4 days a week. She stated that they keep it running 3-4 days a week to ensure everything is fully operational.

Ms. Whitaker stated that some of the other projects that were identified in the master plan included the water tanks she talked about. She stated that the plan on the next slide shows the Airport Road Pump Station site. She mentioned that when they bought the property and designed the original site plan, they designed it to be able to accommodate two 1 MG storage tanks. She stated that they have gone through the comprehensive plan process with the County, thus everything is ready to go. She added that when they feel the tank is needed, they can begin design and construction. She stated that they are also looking at some water line replacements given the age and the pressures, and eventually a second tank at the pump station site.

Ms. Whitaker moved to the next slide to discuss the northern are with regards to sewer. She stated that currently, on the RWSA side of the system, the entire northern area is served by the Powell Creek Interceptor. She stated that currently, average daily flows are about 0.6 MGD and peak flow

is about 3x that amount during wet weather. She stated that future projections, after the plan was completed, are about 1.6-1.7 MGD. She stated that based on these projections, there are three key projects on the sewer side that need to be completed over time.

Ms. Whitaker referred to the sewer needs on the next slide. She stated that the first is to continue to reinvest in the infrastructure from an I&I removal standpoint. She stated that this means continuing to perform inspections, manual rehabilitations, and reline if necessary. She mentioned that root intrusion is problematic in this area, so they need to make sure they keep the roots out of the system. She stated that the second item is, after they get further down in capacity, they need to do a comprehensive sewer study to ensure they have the flow meters and everything else addressed properly. She stated that the third item on the list is to replace and upsize the upper two regions on the Powell Creek Interceptor. She stated that this is a fairly substantial project. She referred to the map on the next slide, and noted the purple and teal lines, PC-5 ad PC-4 respectively, and stated that they both need to be upgraded.

Ms. Palmer asked what the RWSA thinks it can do, realistically, in terms of the I&I, and how much of it is ACSA. She noted that the wet weather flows are 3x the average daily flows. Ms. Whitaker replied that a 3-4x peaking factor for wet weather is considered outstanding performance. She stated that when they began trying to tackle I&I in some parts of the system 20 years ago, they had anywhere from 6-8x flows during wet weather events. She stated that it is realistic to plan for 3-4x, and they may be able to get it lower than that. She stated that they will continue to strive collectively by doing their I&I work to maintain it. She added that looking at design standards that the state has for sewers, new developments are often designed with that 3-4x factor.

Ms. Whitaker stated that the RWSA Northern Area Capacity & Demand Summary chart on the next slide is just for reference for the Board and ACSA staff. She stated that they looked at capacity, demand, and peak

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demand for water and sewer from 2024 to 2070. She stated that it is important to emphasize that RWSA designs for peak design for both water and sewer because they want to be able to provide water for every day, including hot and dry days, as well as keep the sewer in the pipe even during high rain events.

Ms. Whitaker stated that the last slide may be familiar. She stated that it shows all of the projects she discussed on a timeline and when they currently anticipate completing them.

Ms. Palmer asked how fire prevention fits into the demand analysis. Ms. Whitaker replied that fire flow is a tank and storage issue as well as a pipe capacity issue. She stated that fire flow goes on top of demand, so if demand is 0.5 MGD a day then fire storage and prevention is on top of that. She stated that increasing storage and the diameter of the pipeline will allow them to move the water quickly when a fire happens. Ms. Palmer asked if they have a fire size that they use. Ms. Whitaker replied yes. She stated that every structure in the Urban area has a fire rating. She stated that typically, a commercial structure would be at the 700-750 gallons per minute range for two hours. She stated that you can see warehouses or large developments be as high as 3,500 gallons per minute for two hours. She added that when they are modeling, they always model fire flow on top of the regular demand. Ms. Palmer asked if the ACSA did things differently. Mr. Lynn replied that they are more so looking at the size of the pipe. He stated that looping is a big benefit to ensure that the pipe size does not have to be too large due to multiple feeds.

Ms. Palmer asked what RWSA knows about data centers and demand per square foot. Ms. Whitaker replied that it is a mystery that is challenging to get an answer for. She stated that what they do know is that the County is looking at their code to require recirculation systems, so aircooled or power-cooled instead of water-cooled systems. She stated that in terms of data centers, they are looking at the lower end of water consumption rather than the higher end. She mentioned that there was a study that was

published two years ago that looked at all of the data centers in Virginia at that time and their water usage. She noted that with the non-water-cooled plants, the usage was very similar to a hotel or large office building. She added that there are areas that have water-cooled systems that have been highly problematic for those communities.

Ms. Palmer stated that when she hears the comparison of the data center usage to that of a hotel, it is a bit confusing. She stated that it seems a 500,000 square foot office building would use a lot more water. Ms. Whitaker stated that she has some numbers but does not remember them off the top of her head. She stated that she thinks they are somewhere in the 0.1-0.3 MGD range. Mr. Lunsford added, for context, that when State Farm was fully operational and staffed, the usage was between 1-1.5 million gallons per month. Ms. Palmer asked what type of cooling system they used. Mr. Lunsford replied that they had water-operated coolers. He noted that for that facility, the usage was not a substantial amount. Ms. Palmer stated that she remembers when UVA changed their cooling system, it made a huge difference in the amount of water that was used.

Mr. Roberts stated that there is a large data center in Louisa, Virginia. Ms. Whitaker stated that she believes it is water-cooled. Mr. Roberts stated that perhaps RWSA could get some information from Louisa about the usage of the data center there. Ms. Swanson stated that her next question was going to be about whether they are able to share information within the utility sector about how they are seeing these things play out. Ms. Whitaker stated that they have started conversations, specifically with Henrico County and how they have brought some of their data centers under individual service contracts which allows them to be specific about how much water can be used and when.

Ms. Palmer stated that if we see a large data center, it will most likely be in the northern area. She stated that she thinks State Farm was the only other area they were looking at. Mr. Lynn stated that there was a third area, but North Fork and State Farm were the more likely locations. Mr. Mawyer

stated that he believes the third area was the 29 South area at the 64 interchange. Ms. Whitaker stated that they were looking at it but ultimately decided against it.

7. <u>Customer Information System Update</u>

Mr. Lunsford stated that this presentation (Attached as Pages _____) is an update for the Board on where the ACSA began with the Customer Information System (CIS) procurement, where they are now, and where they hope to be by the end of the calendar year.

Mr. Lunsford stated that the current system in place is essentially only for billing and does not have other components that help employees outside of customer service perform their job duties. He stated that it has been in place for 30+ years and there have been transformative technological advances during that time that they have not been able to leverage. He stated that customer expectations over the last 30 years have changed as well, and they need to evaluate a new solution. He added that the current system also does not integrate well with some of the ACSA's newly deployed software such as Cityworks.

Mr. Lunsford stated that this project directly advances all four of the ACSA's strategic pillars outlined in the Strategic Plan – data optimization, business resilience, customer experience, and employee experience. He stated that they outlined their requirements in the RFP, as well as project success measures and guiding principles. He noted that what they really wanted to emphasize first and foremost was improvement in the customer experience. He stated that they want customers to be able to interact with the ACSA in a way that suits them. He stated that the new solution needs to be easy, intuitive, and provide information in a way that the customers find useful. He mentioned that they utilized feedback from the formal customer survey conducted a few years ago, as well as feedback they receive on a daily basis. He added that they also requested in the RFP that proposers illustrate how their solution creates efficiencies and is

configurable for future needs. He stated that they expect a safe and secure system that protects all the information and also enhances engagement.

Mr. Lunsford stated that early in the evaluation process, the ACSA procured consulting services through a competitive process to ensure they had the expertise to go through things the right way, the first time. He stated that during that process, they identified a diverse group of ACSA employees with different job roles, customer interaction types, and information needs to develop a core team, ensuring they capture all of the needs they will need the CIS system to address. He stated that the core team represents all departments, from administration and customer service to IT and field operations.

Mr. Lunsford stated that their consultant, Validos, worked with that team to understand what we are currently doing and determine what is difficult or inefficient, and where we can do better. He stated that this information was included in the RFP as well. He noted that the ACSA is incredibly grateful with the contribution from the core team, as some are spending time each week contributing to the process as they procure a new solution.

Mr. Lunsford stated that they received eight proposals from the RFP, and the core group scored those proposals in a detailed manner with the assistance of Validos. He stated that there was consensus that there were three proposals that were better than the rest. He mentioned that from those three, they have scheduled three days of onsite demonstrations for each proposer, for a total of nine days of demonstrations. He mentioned that different groups of ACSA employees will participate in those demonstrations to see how the solution is going to work based on a script that has been provided to them. He noted that those are scheduled to begin on September 24th and will conclude on October 3rd. He stated that there is a group that is doing reference checking, and they had their first reference check meeting with a customer of one of the vendors yesterday which went well.

Mr. Lunsford stated that once the on-site demonstrations are complete, they will score those similar to the RFPs and select the highest-rated. He stated that they will then start development of a Statement of Work and work through the contracting. He stated that they are hopeful to finish this process by the end of the calendar year and begin the project, in earnest, this coming January. He noted that the team is engaged and excited about what they have seen so far. He stated that he fully expects a customer portal that shows individual customer information and a much simpler payment process.

Mr. Roberts asked if the financial system will handle all of the financial information of the ACSA, or just the customer billing portion. Mr. Lunsford stated that it will handle all of the billing and will feed the financial system with that information. He stated that the financials will mirror the CIS system.

Mr. Armstrong noted for the minutes that, due to the current political climate, every time Mr. Lunsford said "diverse," it would be changed to varied.

8. Items Not on the Agenda

Mr. Roberts stated that he heard RWSA talk about directional boring. He asked if there was any way the ACSA could use directional boring for the Airport Trunk Sewer Upgrade project, to bore under the Willow Oak tree on the Huyghe's property. He stated that when he had his septic line put in, they bored between two large trees. He stated that it would be nice if they could bore under that tree out there because it is pretty important to the homeowners. Mr. Lynn stated that it is not an option in this case. He stated that they have to make directional changes to navigate the topography in those yards so directional drilling would not be an option. He stated that they did respond to Supervisor Mallek, and copied the ACSA board, about the tree that Mr. Roberts was referencing. He stated that she acknowledged receipt and indicated that she passed it on to the rest of the

Albemarle County Board of Supervisors, but he has not heard anything since. He noted that other property owners, Drs. Weiss, have reached out to Delegate Laufer to push back on the ACSA's project, so Keane Rucker, ACSA Senior Civil Engineer, is preparing a response to her later today. He stated that they have acquired 20 of the 24 easements. He stated that of the four left, there are two they believe they can get but the other two may end up in front of the Board for condemnation. Mr. Roberts asked if there was no possible way to spare the tree. Mr. Lynn stated that they gave the homeowner an option to possibly spare it, but they cannot guarantee it. He noted that they have had two arborists look at it and moving the alignment will still negatively impact the tree.

9. Adjourn

There being no further business, Ms. Palmer moved that the meeting be adjourned, seconded by Ms. Swanson. All members voted aye.

Quin Lunsford, Secretary-Treasurer

ALBEMARLE COUNTY SERVICE AUTHORITY

AGENDA ITEM EXECUTIVE SUMMARY

AGENDA TITLE: Monthly Financial

Reports

STAFF CONTACT/PREPARER:

Emily Roach, Interim Director of Finance: Quin Lunsford, Executive

Director

AGENDA DATE: November 20, 2025

ACTION: Informational

ATTACHMENTS: Yes

BACKGROUND: Water and sewer financial reports and check registers for the month of October are attached for your review.

DISCUSSION:

- Water consumption for the month of September increased 1.7% compared to August. Water consumption for the month of September 2025 compared to September 2024 increased 2.1%.
- RWSA's invoice of \$3,106,969 for the month of September was paid on October 10, 2025.
- Unearned water and sewer connection charges totaled \$2,462,925 at month end.
- System connection charge revenue is exceeding budgeted expectations with \$3,707,170 recognized in October.
- Water and Wastewater revenues for FY 2026 are above budgeted expectations by 8.0%. Please see the water/wastewater trend analysis included illustrating that when adjustment for expected variations in seasonal consumption is considered, revenues are 2.2% less than budgeted expectations.
- Investment update: LGIP's effective monthly yield stands at 4.3%, while PFM's yield to maturity at market is 3.98%, reflecting current market conditions and portfolio performance.
- The Audit Committee (Ms. Swanson and Mr. Parcells) met with the ACSA's auditors and staff on October 30th to review the FY 2025 Annual Comprehensive Financial Report, audit opinions, and reports. These reports are included in the board packet.
- Customer Information System Update: Our team continues to work through the procurement and contracting process with the most highly rated provider. We anticipate drafts of these documents for review over the coming weeks with a goal of executing the contract by the end of December.
- Staff attended a preliminary budget meeting at the RWSA on November 4th.
 This meeting begins the process of RWSA CIP review and rate projections.
 Our team is reviewing this information and will be working closely with the RWSA and the City as we begin to prepare for the FY 2027 budget and rate study.

ALBEMARLE COUNTY SERVICE AUTHORITY

AGENDA ITEM EXECUTIVE SUMMARY

BUDGET IMPACT: Informational only.

RECOMMENDATIONS: None

BOARD ACTION REQUESTED: None; informational item only.

ATTACHMENTS:

- 1. Statement of Net Position
- 2. Year-to-Date Budget to Actual Comparison/Commentary
- 3. Investment Summary
- 4. Capacity/System Development Reserves
- 5. Connection Charges/ERC Analysis
- 6. Monthly Water and Sewer Charges from the RWSA
- 7. Monthly Water Consumption
- 8. Water and Sewer Report; Customer Class Report
- 9. Major Customer Analysis
- 10. Water/Wastewater Revenue Trend Analysis
- 11. Aged Receivables Analysis
- 12. Check Register

ALBEMARLE COUNTY SERVICE AUTHORITY

STATEMENT OF NET POSITION October 31, 2025

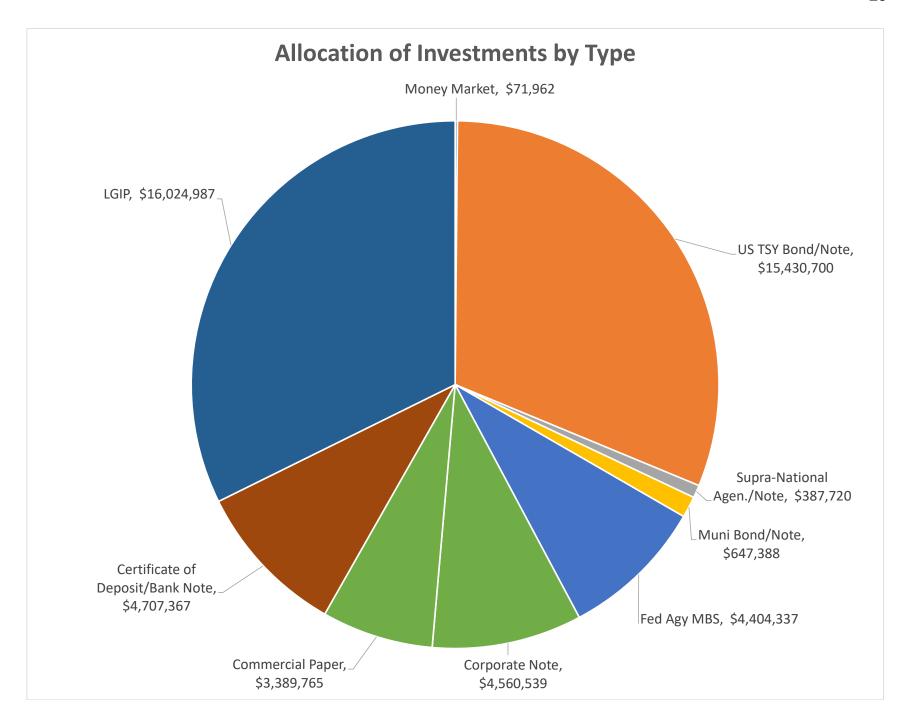
ASSETS

Cash and cash equivalents	\$	7,353,966
Accounts receivable	Ψ	6,788,958
Investments		49,624,766
Capital assets: (net of accumulated depreciation)		200,798,566
Inventory		678,975
Prepaids		125,620
Cash and cash equivalents, restricted		374,475
cush and tush equivalents, restricted		371,173
Total assets		265,745,326
DEFERRED OUTFLOWS OF RESOURCES		
Combined deferred outflows of resources		2,217,085
LIABILITIES		
Accounts payable		3,958,269
Accrued liabilities		371,946
Compensated absences		2,035,404
Net pension liability		4,150,155
Other post-employment benefits		1,251,493
Unearned connection fees		2,462,925
Long-term debt		3,129,413
Total liabilities		17,359,605
DEFERRED INFLOWS OF RESOURCES		
Combined deferred inflows of resources		887,971
NET POSITION		249,714,835
TIDE EXPERIENCE		477,117,033

Revenues	Budget FY 2026	Budget Year-to-Date 2026	October Actual Year-to-Date	Actual vs. Budget	Variance Percentage
. to volidos					
Water Sales	25,260,000	8,420,000	9,318,458	898,458	10.67%
Sewer Service	19,600,000	6,533,333	6,830,395	297,062	4.55%
Total operating					
revenues	44,860,000	14,953,333	16,148,853	1,195,520	8.00%_A
Operating Expenses					
Purchase of bulk water Purchase of sewer	(22,697,500)	(7,565,833)	(7,713,466)	(147,633)	1.95% B
treatment	(15,256,000)	(5,085,333)	(4,820,296)	265,037	(5.21%) B
Administration	(1,601,400)	(533,800)	(575,619)	(41,819)	7.83% C
Finance	(3,436,700)	(1,145,567)	(1,082,626)	62,941	(5.49%) C
Information Technology	(2,259,300)	(753,100)	(732,600)	20,500	(2.72%) C
Engineering	(2,823,000)	(941,000)	(870,886)	70,114	(7.45%) C
Maintenance	(5,639,900)	(1,879,967)	(1,505,157)	374,810	(19.94%) C
Total operating expenses	(53,713,800)	(17,904,600)	(17,300,650)	603,950	(3.37%)
ехрензез	(33,713,800)	(17,904,000)	(17,300,030)	003,930	(3.37 %)
Operating gain(loss)	(8,853,800)	(2,951,267)	(1,151,797)	1,799,470	(60.97%)
Nonoperating Revenues					
System connection					
charges	9,400,000	3,133,333	6,304,910	3,171,577	101.22% D
Investment/Interest					
Income	2,000,000	666,667	805,379	138,712	20.81% E
Rental income	16,000	5,333	4,862	(471)	(8.84%)
Miscellaneous revenues	726,000	242,000	382,079	140,079	57.88% F
Total nonoperating revenues (expenses)	12,142,000	4,047,333	7,497,230	3,449,897	85.24%
Nonoperating Expenses					
Miscellaneous expenses	(1,337,200)	(445,733)	(794,765)	(349,032)	78.31% G
Bond interest charges	(1,337,200)	(61,286)	(76,648)	(15,362)	25.07% H
Depreciation	(100,000)	(01,200)	(1,622,301)	(1,622,301)	0.00% I
Total nonoperating			(.,022,001)	(.,522,551)	3.0070
revenues (expenses)	(1,521,059)	(507,020)	(2,493,714)	(1,986,694)	391.84%
Capital contributions			3,525,256	3,525,256	
Change in Net Position	1,767,141	589,047	7,376,975	6,787,928	1152.36%

Albemarle County Service Authority Budget-to-Actual Year to Date Commentary

- **A.** Water and sewer revenues were more than budgeted amounts by 8.0%. Consumption through October (gallons) appears reasonable considering the ACSA's normal seasonal consumption pattern. Further information related to seasonal revenue expectations can be found later in the Board packet.
- **B.** Expenses related to purchases of bulk water and sewer treatment from the RWSA are less than budgeted amounts by 0.9%. Monthly billings prepared by the RWSA allocate total water/wastewater flows to the ACSA/City based on the consumption of each for the quarter immediately preceding.
- **C.** Departmental operating budgets through the current month remain below budgeted expectations for the fiscal year except for the Administration department. Variations early in the fiscal yar are expected as timing of expenses can more greatly impact variances. Departmental expenses will continue to be monitored throughout the fiscal year and are expected to align with the budget.
- **D.** System connection charges are higher than the budgeted amount. Connection charges are often difficult to project and can fluctuate from year to year. These charges are dependent upon new customers connecting to the system.
- **E.** Investment income, which includes both interest income and adjustments to fair market value are recorded in these accounts. Investment earnings are ahead of budgeted expectations through the current month.
- **F.** Miscellaneous revenues consist of multiple lines and include inspection fees, plan review, reconnections/initial bill fees, invoiced water usage, and gains associated with sales of capital assets retired from service.
- **G.** The budgeted amount includes expected outlays for capital equipment and losses on disposal of capital assets. Equipment is capitalized when placed in service.
- **H.** Bond interest charges are recorded as incurred.
- **I.** Depreciation is not a budgeted line-item accounting for the variance. Depreciation expense is considered during the annual budgeting process as this expense is utilized to calculate the required contribution to the 3r reserve.





Portfolio Summary and Statistics

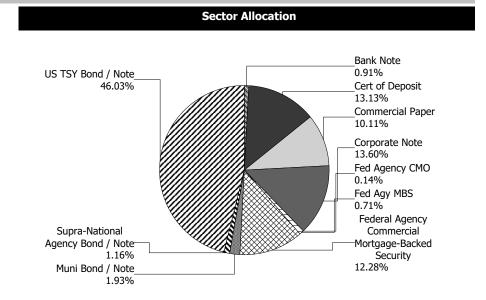
For the Month Ending October 31, 2025

ACSA OPERATING FUNDS - 03100100

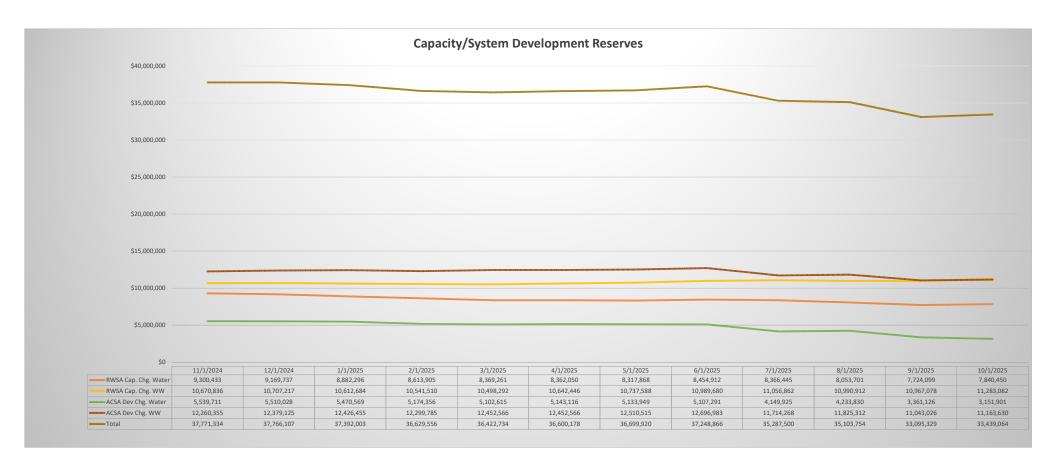
Day Value		
Par Value	Market Value	Percent
15,350,000.00	15,430,700.19	46.03
385,000.00	387,720.24	1.16
640,000.00	647,388.58	1.93
245,576.05	238,792.35	0.71
4,172,430.20	4,118,400.55	12.28
51,046.66	47,144.55	0.14
4,525,000.00	4,560,539.00	13.60
3,450,000.00	3,389,765.11	10.11
4,400,000.00	4,401,325.58	13.13
300,000.00	306,041.40	0.91
33,519,052.91	33,527,817.55	100.00%
	311,323.97	
33,519,052.91	33,839,141.52	
	385,000.00 640,000.00 245,576.05 4,172,430.20 51,046.66 4,525,000.00 3,450,000.00 4,400,000.00 300,000.00 33,519,052.91	385,000.00 387,720.24 640,000.00 647,388.58 245,576.05 238,792.35 4,172,430.20 4,118,400.55 51,046.66 47,144.55 4,525,000.00 4,560,539.00 3,450,000.00 3,389,765.11 4,400,000.00 4,401,325.58 300,000.00 306,041.40 33,519,052.91 33,527,817.55 311,323.97

155,000.00

154,716.20



Unsettled Trades



Note: Additions to Capacity/System Development Reserves are from monthly connection charges, reductions to the reserves are from monthly growth related expenses/capital costs.

Albemarle County Service Authority Connection Fee Analysis September 2025

		Septei	mber :	2025		
	-	tember 2025 Monthly	•	tember 2024 Monthly	\$	%
Area	Con	nection Fees	Con	nection Fees	Change	Change
Crozet	\$	414,870	\$	202,020	\$ 212,850	105%
Urban		1,327,540		280,940	1,046,600	373%
Scottsville		-		-	-	-
Total Connection fees	\$	1,742,410	\$	482,960	\$ 1,259,450	261%
		Through S	eptem	ber		
	Y	TD FY 2026	-	TD FY 2025	\$	%
Area	Con	nection Fees	Con	nection Fees	Change	Change
Crozet	\$	757,510	\$	577,200	\$ 180,310	31%
Urban		1,825,800	\$	1,615,943	\$ 209,857	13%
Scottsville		14,430		-	14,430	-
Total Connection fees	\$	2,597,740	\$	2,193,143	\$ 404,597	18%
	Sep	tember 2025	Sep	tember 2024		%
Area		ERC's		ERC's	Change	Change
Crozet		28		14	14	100%
Urban		89		19	70	368%
Scottsville		-		-	-	-
Total ERC's		117		33	84	255%
		Through S	eptem	ber		
	Υ	TD FY 2026	Y	TD FY 2025		%
Area		ERC's		ERC's	Change	Change
				40	11	28%
Crozet		51				
Crozet Urban		51 122		111	11	10%
				111	11	10%

Note: This analysis shows, both in dollars and ERC's, connections by month and YTD for the period under review. As noted above, connection fees are comparable to the prior year. See the "Three Year Connection Fee Comparison" for further discussion related to this change.

Albemarle County Service Authority Three Year Connection Fee Comparison September 2025

Area	September 2025 ERC's	September 2024 ERC's	September 2023 ERC's
Crozet	28	14	12
Urban	89	19	21
Scottsville	-	-	-
Total ERC's	117	33	33

Through September								
Area	YTD 2026 ERC's	YTD 2025 ERC's	YTD 2024 ERC's					
Crozet	51	40	68					
Urban	122	111	82					
Scottsville Total ERC's - YTD	1 174		- 150					

Note: The information above present ERCs by month and YTD for the current and past two fiscal years. As noted in the YTD portion of the analysis, current YTD ERCs appear reasonable considering continued development within the ACSA's service area.

Albemarle County Service Authority Consumption Analysis Fiscal Year 2026

Monthly Precipitation (In.)

	FY 2026 Consumption	FY 2025 Consumption		FY 2026	FY 2025
July	161,008,092	178,898,841	-10.00%	6.90	2.97
August	169,360,775	167,569,158	1.07%	1.38	4.56
September	172,168,239	168,622,791	2.10%	2.48	11.90
October		154,505,280			1.89
November		157,629,026			1.41
December		142,576,100			3.15
January		135,634,117			6.58
February		140,077,622			4.51
March		133,246,908			0.89
April		141,119,829			2.11
May		154,027,224			8.89
June		153,095,431			4.48

	YTD	502,537,106	515,090,790	-2.44%	10.76	19.43
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Note: Consumption through September 2025 is 2.4% less than the same period in fiscal year 2025. Monthly precipitation figures have been included for comparison purposes. Trends in rainfall can sometimes correlate with trends in consumption however, depending on the intensity, days between rain events, or other factors, this may not always be the case.

Note: Precipitation data obtained from National Oceanic and Atmospheric Administration (NOAA): https://www.ncdc.noaa.gov/cdo-web/search.

Albemarle County Service Authority Water and Sewer Charges from the RWSA Fiscal Year 2026

	FY 2026 RWSA Charges		FY 2025 RWSA Charges		Increase (Decrease)		
July							
	\$	3,189,024	\$	2,622,835	\$	566,189	21.59%
August		3,121,371		2,648,222	\$	473,149	17.87%
September		3,106,969		2,718,386	\$	388,583	14.29%
October				2,733,598			
November				2,540,444			
December				2,510,685			
January				2,576,967			
February				2,638,650			
March				2,569,796			
April				2,547,552			
May				2,665,003			
June				2,596,414			

7,989,443

1,427,921

\$

17.87%

Note: The charges noted above from the RWSA include operating and debt service charges.

\$

9,417,364

\$

YTD



Water and Sewer Report

(Volumes in Gallons)
September 2025

Metered by Area:		Water	Sewer
Crozet		21,800,449	17,790,647
Scottsville		1,408,290	916,947
Urban		148,919,240	119,096,697
Red Hill		40,260	0
	Total	172,168,239	137,804,291

Wastewater Flows by Sewer Plant:							
Total Urban and Crozet	136,887,344						
less Glenmore WRRF	-3,886,156						
Moores Creek AWRRF	133,001,188						
Scottsville WRRF	916,947						
Total	133.918.135						
	,,						

Number of Installed Meters:	
Urban	38
Crozet	27
Scottsville	0
Total	65

Hydrant Meter Consumption (billed by invoice):						
	Urban	1,245,500				
	Crozet	106,416				
	Scottsville	0				
	Total	1,351,916				

Number of Septic-to-Se	wer Connection	ns:
Urban		0
Crozet		0
Scottsville		0
	Total	0

Unmetered Leak Consumption:		
2418 Abington Drive-9/18/25	N. Rivanna	1,000
Ğ		
	Total	1.000
		-,

Billed Consumption for Selected Customers							
	<u>Water</u>	Sewer		<u>Water</u>	Sewer		
VIrginia Land Holding	182,398	182,398	Boar's Head Inn	646,495	585,954		
Southwood Mobile Homes	1,467,380	1,630,000	Farmington Inc.	906,292	482,528		
Turtle Creek Apartments	1,354,107	1,347,162	Westgate Apartments PR Charger C'ville Holdings-	1,213,800	1,212,415		
Blue Ridge Crossing Owner LLC	939,305	939,305	Cobalt Ridge Apartments	2,256,787	2,256,787		
Monroe Health & Rehab.	601,468	601,468	Four Seasons Apts and Condos	1,798,380	1,798,380		
Sunrise Senior "Colonnades"	1,045,374	827,673	Ch'ville/Alb Airport	201,392	202,017		
ACRJ	1,114,080	962,080	State Farm Insurance-Pantops	538,470	299,457		
Westminster Canterbury	2,015,720	1,833,720	Hyatt Place at Stonefield	432,081	431,107		
SEMF Charleston -							
Commonwealth/Peyton Dr.	1,687,546	1,687,546	Doubletree by Hilton Hotel	773,923	773,923		
Martha Jefferson Hospital	2,830,166	1,725,582	Arden Place Apartments	602,462	602,462		
Crozet Mobile Home Village	278,695	278,695	Hilton Garden Inn	256,926	256,926		
The Home Depot	35,172	35,172	The Blake at Charlottesville	175,656	175,656		
County of Albemarle	2,428,363	1,383,409	The Lodge at Old Trail	242,823	242,823		
University of Virginia	3,187,475	3,138,333	Gov't-Defense Complex	1,334,718	1,301,141		
Wegmans	366,630	366,630	Harris Teeter Stores (2)	188,104	188,104		



WATER

Class Type	Number of Connections by Area					
	<u>Urban</u>	<u>Crozet</u>	Scottsville	<u>Total</u>		
Single-Family Residential	16,618	4,168	196	20,982		
Multi-Family Residential	596	56	3	655		
Commercial (Offices)	202	12	5	219		
Commercial (Other)	944	77	54	1,075		
Industrial	40	12	4	56		
Institutional	175	33	12	220		
Total Water Connections	18,575	4,358	274	23,207		
Plus Multiple Units	14,447	854	89	15,390		
Total Water Units	33,022	5,212	363	38,597		

SEWER

Class Type	Number of Connections by Area					
	<u>Urban</u>	<u>Crozet</u>	Scottsville	<u>Total</u>		
Single-Family Residential	14,308	3,898	158	18,364		
Multi-Family Residential	565	54	4	623		
Commercial (Offices)	186	12	5	203		
Commercial (Other)	732	51	46	829		
Industrial	16	5	1	22		
Institutional	137	26	10	173		
Total Sewer Connections	15,944	4,046	224	20,214		
Plus Multiple Units	14,022	850	56	14,928		
Total Sewer Units	29,966	4,896	280	35,142		

POPULATION SERVED

Population served is the total Single-Family and Multi-Family units using an occupancy of 2.5 residents per unit:

	<u>Urban</u>	Crozet	Scottsville	<u>Total</u>
Total Water Customers	77,663	12,555	713	90,930
Total Sewer Customers	70,825	11,870	535	83,230

Albemarle County Service Authority Major Customer Analysis September 2025 and August 2025

	Septemb	September 2025		t 2025	Increase(Decrease)	Increase(Decrease)
	Water*	Sewer*	Water*	Sewer*	Water Consumption	Sewer Usage
Turtle Creek Apts.	1,354,107	1,347,162	1,246,086	1,130,504	8.67%	19.16%
Martha Jefferson Hospital	2,830,166	1,725,582	2,673,920	1,120,486	5.84%	54.00%
Westmisnster Canterbury	2,015,720	1,833,720	2,030,200	1,875,200	-0.71%	-2.21%
Barracks West Apartments	939,305	939,305	984,964	984,964	-4.64%	-4.64%
Westgate Apts.	1,213,800	1,212,415	1,284,952	1,283,323	-5.54%	-5.53%
University of Virginia	3,187,475	3,138,333	3,418,104	3,399,277	-6.75%	-7.68%
ACRJ	1,114,080	962,080	1,197,450	945,450	-6.96%	1.76%
SEMF Charleston	1,687,546	1,687,546	1,823,339	1,823,339	-7.45%	-7.45%
PR Charger C'ville Holdings	2,256,787	2,256,787	2,504,323	2,504,323	-9.88%	-9.88%
Four Seasons Apts.	1,798,380	1,798,380	2,019,467	2,019,467	-10.95%	-10.95%
Southwood Mobile Homes	1,467,380	1,630,000	1,693,480	1,680,000	-13.35%	-2.98%
County of Albemarle	2,428,363	1,383,409	3,262,308	1,021,155	-25.56%	35.47%
State Farm	538,470	299,457	816,580	600,179	-34.06%	-50.11%

Note: Only major customers of the ACSA have been analyzed above. For purposes of this analysis, major customers are those who, on average, consume over one million gallons per month. Variations can occur for a variety of reasons including but not limited to: conscious conservation efforts, expansion, weather, vacancies, etc.

^{* --} Consumption/usage in gallons.

Albemarle County Service Authority Major Customer Analysis September 2025 and September 2024

	Septemb	September 2025 September 2024		er 2024	Increase(Decrease)	Increase(Decrease)
	Water*	Sewer*	Water*	Sewer*	Water Consumption	Sewer Usage
State Farm	538,470	299,457	283,700	44,516	89.80%	572.70%
Four Seasons Apts.	1,798,380	1,798,380	1,016,623	1,016,623	76.90%	76.90%
University of Virginia	3,187,475	3,138,333	2,754,780	2,747,758	15.71%	14.21%
SEMF Charleston	1,687,546	1,687,546	1,511,273	1,511,273	11.66%	11.66%
Westmisnster Canterbury	2,015,720	1,833,720	1,846,000	1,797,000	9.19%	2.04%
Westgate Apts.	1,213,800	1,212,415	1,131,416	1,130,116	7.28%	7.28%
PR Charger C'ville Holdings	2,256,787	2,256,787	2,123,044	2,123,044	6.30%	6.30%
Martha Jefferson Hospital	2,830,166	1,725,582	2,681,949	1,292,858	5.53%	33.47%
County of Albemarle	2,428,363	1,383,409	2,450,154	1,412,400	-0.89%	-2.05%
ACRJ	1,114,080	962,080	1,185,780	994,780	-6.05%	-3.29%
Turtle Creek Apts.	1,354,107	1,347,162	1,560,902	1,556,870	-13.25%	-13.47%
Southwood Mobile Homes	1,467,380	1,630,000	1,891,970	1,880,000	-22.44%	-13.30%
Barracks West Apartments	939,305	939,305	1,587,061	1,587,061	-40.81%	-40.81%

Note: Only major customers of the ACSA have been analyzed above. For purposes of this analysis, major customers are those who, on average, consume over one million gallons per month. Variations can occur for a variety of reasons including but not limited to: conscious conservation efforts, expansion, weather, vacancies, etc.

^{* --} Consumption/usage in gallons.

Albemarle County Service Authority

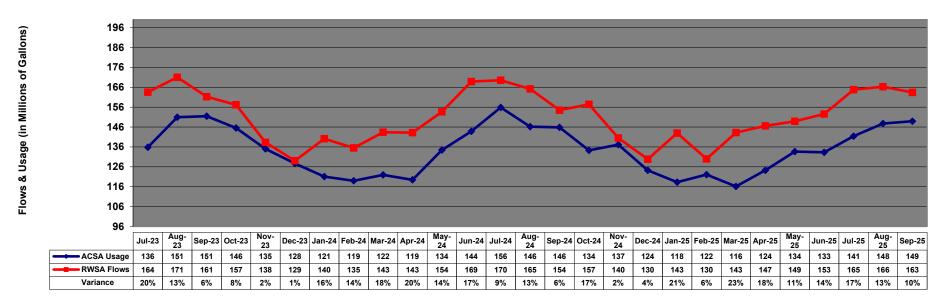
Major Customer Analysis

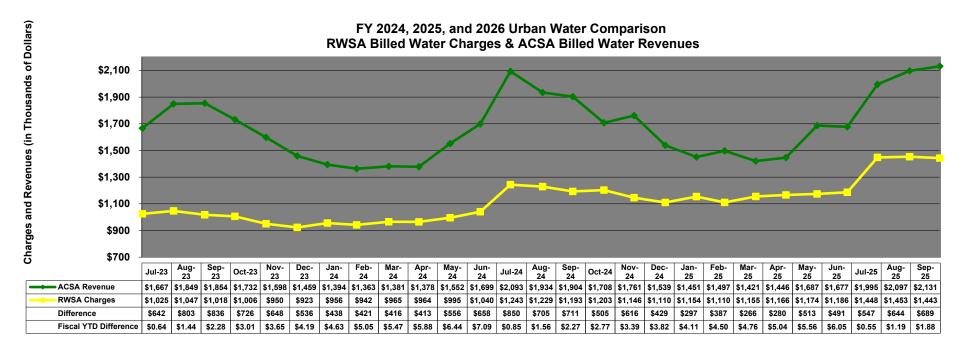
Year-to-date Comparison: Current Year/Prior Year -- September

	YTD FY 2026		YTD FY	2025	Increase(Decrease)	Increase(Decrease)
	Water*	Sewer*	Water*	Sewer*	Water Consumption	Sewer Usage
Four Seasons Apts.	5,676,613	5,676,613	4,307,317	4,307,317	31.79%	31.79%
SEMF Charleston	5,125,787	5,125,787	4,411,749	4,411,749	16.18%	16.18%
PR Charger C'ville Holdings	7,020,376	7,020,376	6,260,596	6,260,596	12.14%	12.14%
University of Virginia	9,614,585	9,540,103	8,643,363	8,624,399	11.24%	10.62%
Westmisnster Canterbury	5,786,690	5,326,690	5,545,610	5,158,610	4.35%	3.26%
Westgate Apts.	3,742,278	3,737,910	3,642,141	3,638,441	2.75%	2.73%
Martha Jefferson Hospital	8,567,121	4,208,925	8,476,922	4,146,004	1.06%	1.52%
ACRJ	3,389,450	2,772,450	3,445,610	2,835,610	-1.63%	-2.23%
County of Albemarle	7,651,296	3,158,071	7,900,562	3,330,495	-3.16%	-5.18%
Turtle Creek Apts.	3,792,725	3,665,601	4,303,720	4,288,232	-11.87%	-14.52%
Southwood Mobile Homes	4,849,540	5,149,800	5,528,570	5,700,000	-12.28%	-9.65%
State Farm	2,078,650	1,461,672	2,636,460	1,979,786	-21.16%	-26.17%
Barracks West Apartments	2,863,422	2,863,422	4,405,971	4,405,971	-35.01%	-35.01%

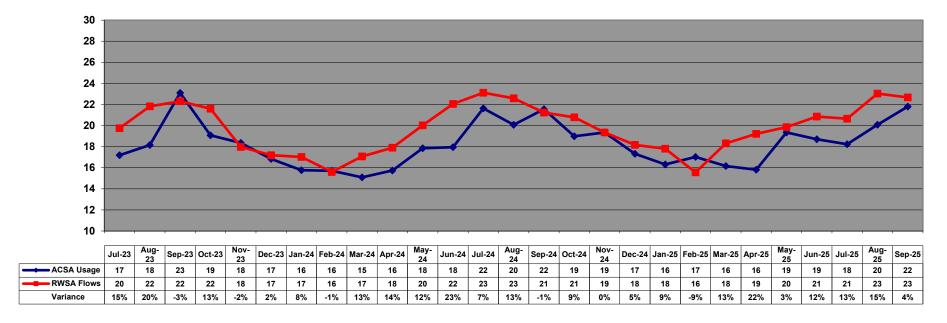
Note: Only major customers of the ACSA have been analyzed above. For purposes of this analysis, major customers are those who, on average, consume over one million gallons per month. Variations can occur for a variety of reasons including but not limited to: conscious conservation efforts, expansion, weather, vacancies, etc.

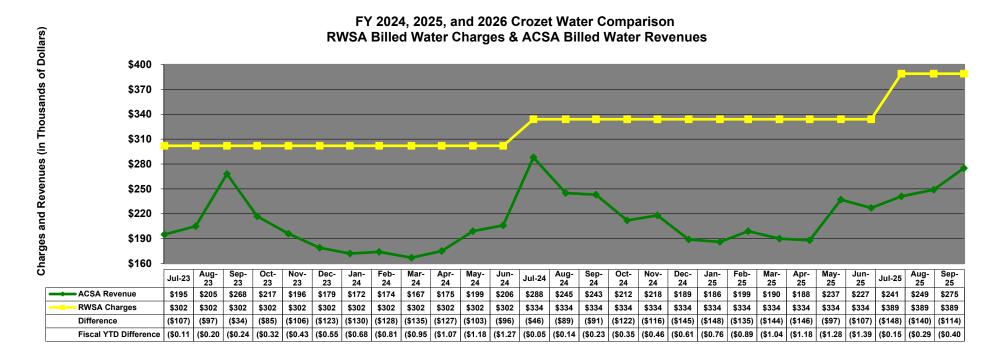
^{* --} Consumption/usage in gallons.

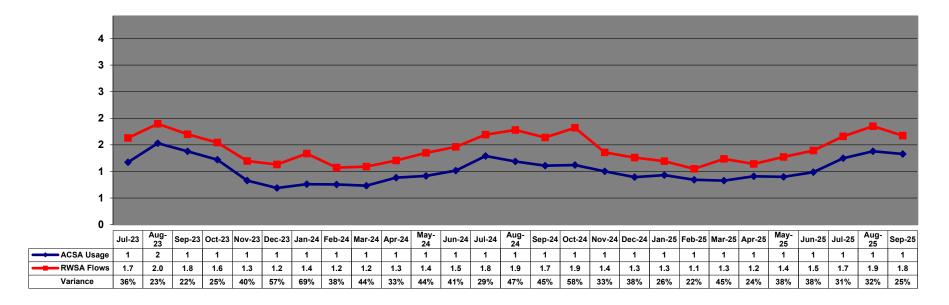


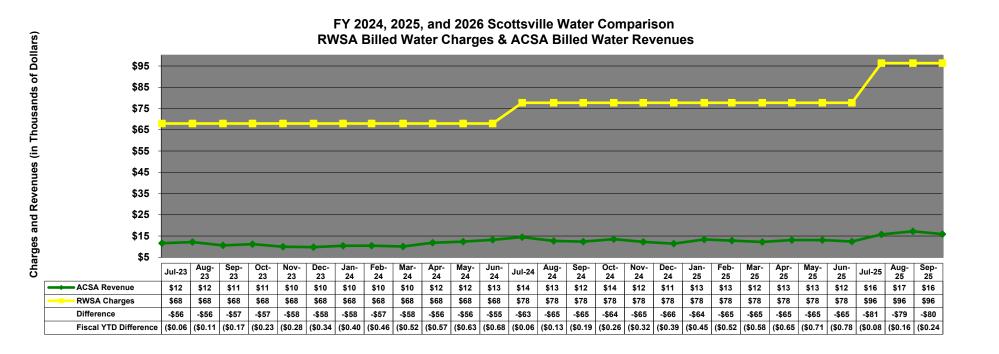


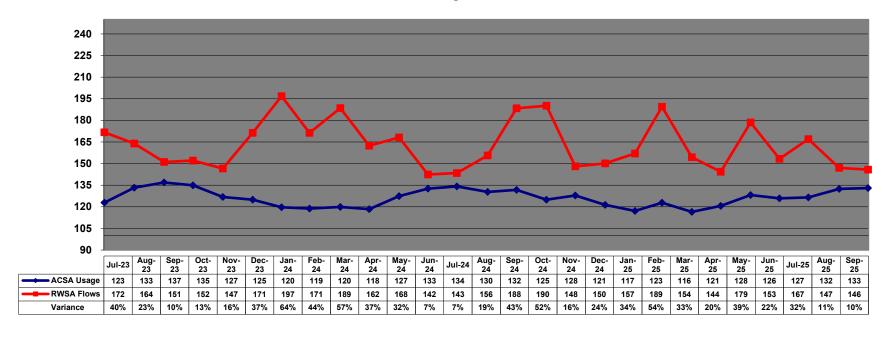




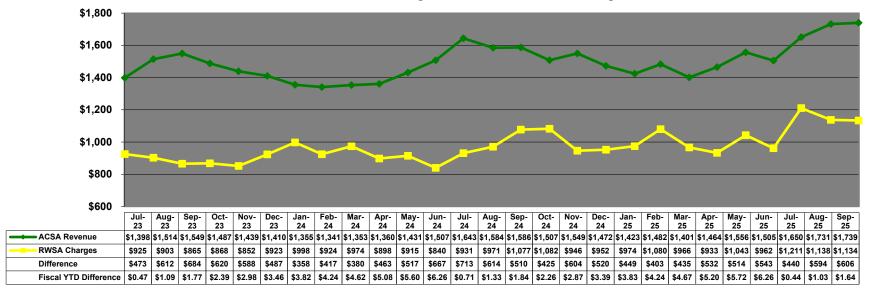


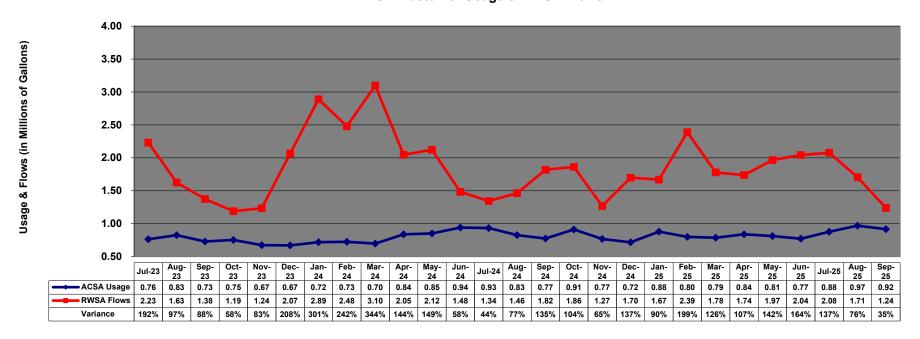




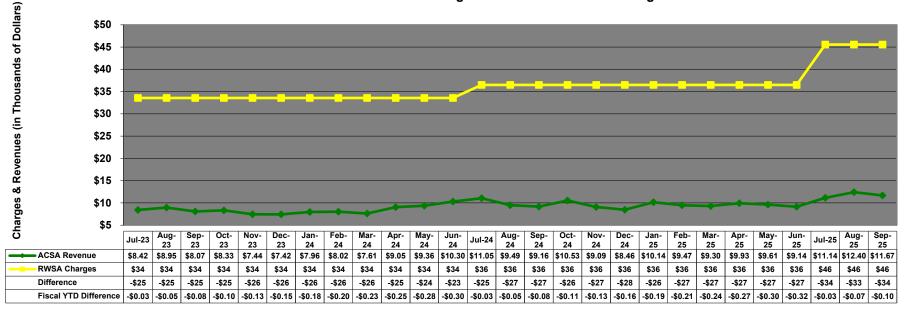


FY 2024, 2025, and 2026 Urban (including Glenmore) & Crozet Sewer Comparison ACSA Billed Sewer Usage & RWSA Billed Sewer Charges





FY 2024, 2025, and 2026 Scottsville Sewer Comparison ACSA Billed Sewer Usage & RWSA Billed Sewer Charges



Note: Fiscal YTD Difference (ONLY) in Millions of Dollars

Single-Family Residential Water Usage

(Including irrigation through exclusion, irrigation, and auxiliary meters)

		FY 2024										
	July	August	September	October	November	December	January	February	March	April	May	June
Level 1 (0 - 3,000 gallons)	46,186,939	46,955,054	47,747,914	46,680,010	47,232,775	46,900,575	46,887,506	45,996,822	45,827,255	46,036,892	47,780,002	47,875,553
Level 2 (3,001 - 6,000 gallons)	15,834,490	16,832,305	18,509,951	15,902,249	16,363,806	14,914,361	15,260,215	13,399,431	13,147,547	13,022,922	16,802,275	17,350,136
Level 3 (6,001 - 9,000 gallons)	4,271,446	4,916,430	6,033,699	4,583,776	4,409,091	2,899,484	2,944,132	2,249,613	2,237,129	2,308,042	3,982,755	4,614,178
Level 4 (over 9,000 gallons)	5,743,519	6,973,528	8,880,933	6,336,335	4,866,834	2,138,821	1,860,892	1,447,502	1,143,464	1,180,879	3,039,434	4,885,532
Total	72,036,394	75,677,317	81,172,497	73,502,370	72,872,506	66,853,241	66,952,745	63,093,368	62,355,395	62,548,735	71,604,466	74,725,399

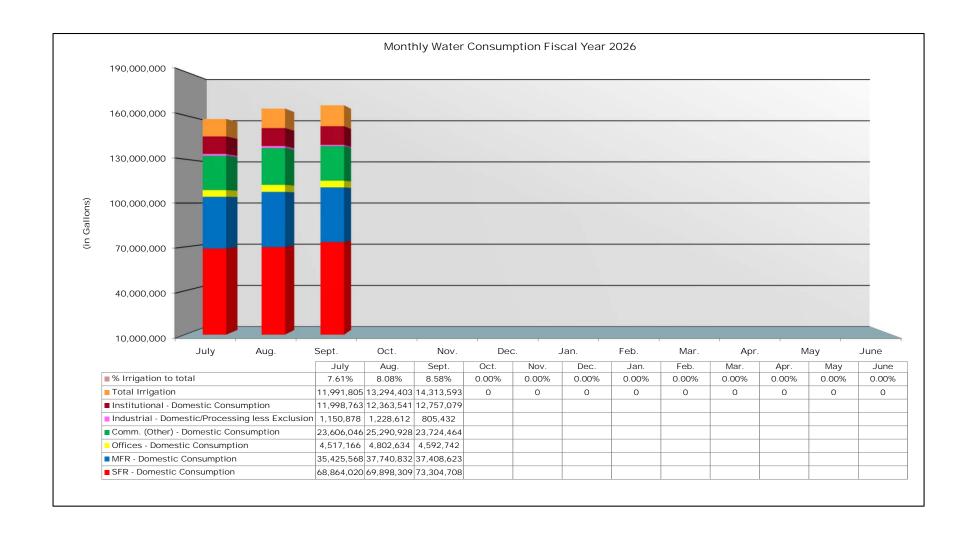
		FY 2025										
	l.d.	July August Santambar Ostabar Nayambar Dagambar Januany Eshruany Marah Anril May Juna										
1.1.4.2.2.2.2.11	July	August	September	October	November	December	January	February	March	April	May	June
Level 1 (0 - 3,000 gallons)	48,258,421	47,554,370	47,554,370	47,586,217	47,984,582	47,237,540	47,035,387	46,948,579	46,241,521	47,143,752	48,616,333	48,033,036
Level 2 (3,001 - 6,000 gallons)	19,809,724	16,778,453	16,778,453	16,138,831	16,446,572	14,261,229	14,493,012	13,964,024	12,824,070	13,657,323	17,060,057	16,098,991
Level 3 (6,001 - 9,000 gallons)	7,348,528	4,954,506	4,954,506	4,136,026	4,371,171	2,670,441	2,618,266	2,428,986	2,146,815	2,552,948	4,199,654	3,841,139
Level 4 (over 9,000 gallons)	12,997,404	6,847,041	6,847,041	3,767,467	5,031,979	1,474,327	1,046,523	1,036,524	756,536	1,291,913	3,364,637	3,125,938
Total	88,414,077	76,134,370	76,134,370	71,628,541	73,834,304	65,643,537	65,193,188	64,378,113	61,968,942	64,645,936	73,240,681	71,099,104

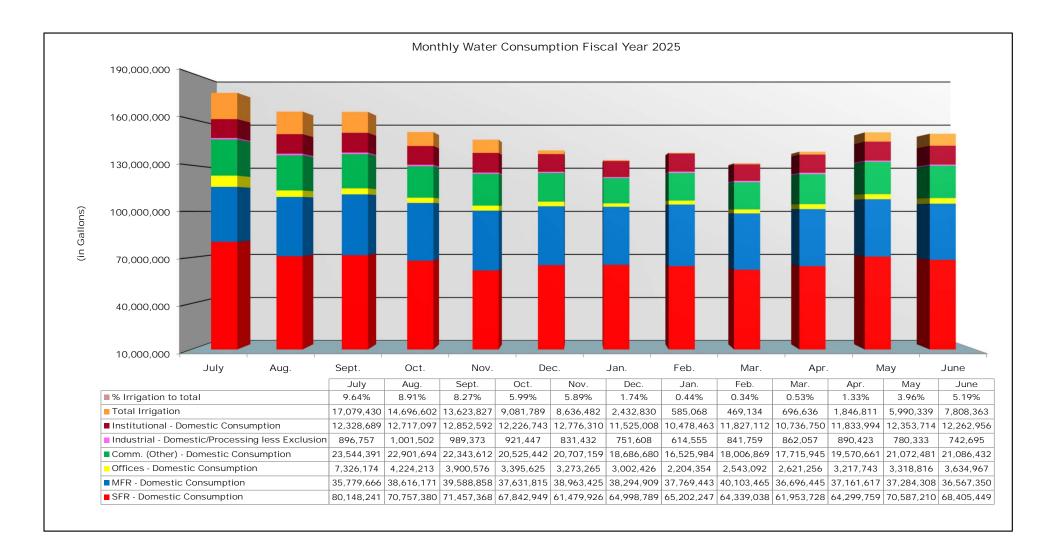
		FY 2026										
	July	August	September	October	November	December	January	February	March	April	May	June
Level 1 (0 - 3,000 gallons)	47,852,952	48,182,425	48,900,560									
Level 2 (3,001 - 6,000 gallons)	16,125,752	16,549,206	17,925,898									
Level 3 (6,001 - 9,000 gallons)	4,317,743	4,595,876	5,270,256									
Level 4 (over 9,000 gallons)	4,721,394	5,211,824	6,832,376									
Total	73,017,841	74,539,331	78,929,090	-	-	-	-	-	-	-	-	-

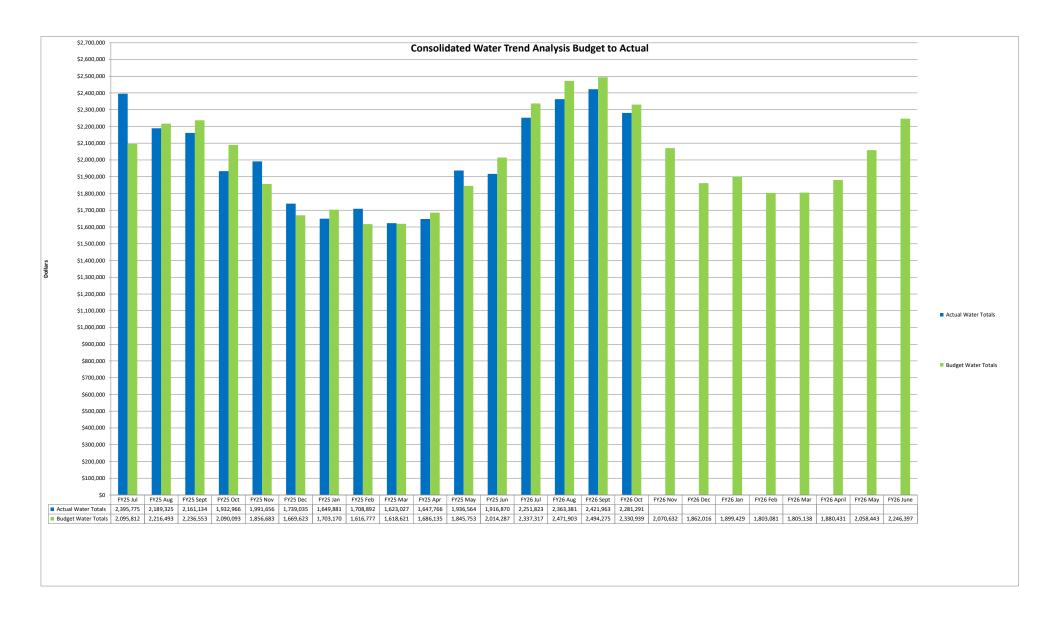
System-Wide Irrigation Water Usage

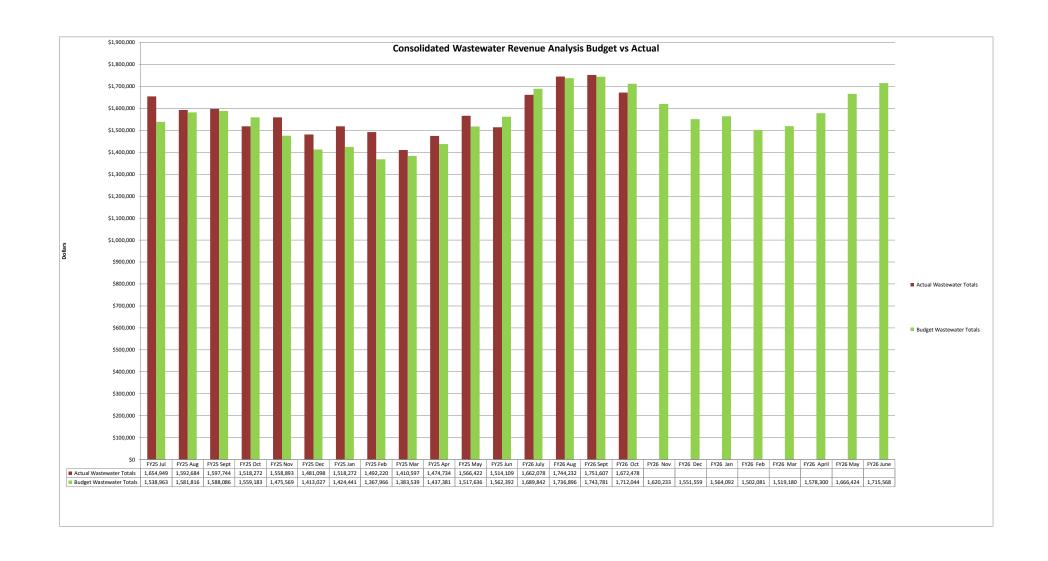
(All usage measured through exclusion, irrigation, and auxiliary meters)

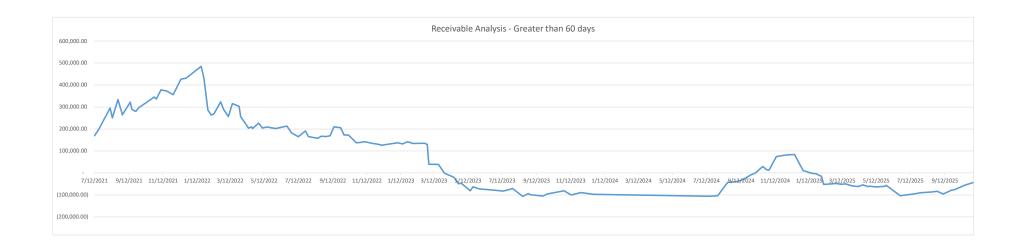
FY 2026	July	August	September	October	November	December	January	February	March	April	May	June
Level 1 (0 - 3,000 gallons)	107,034	46,597	122,813									
Level 2 (3,001 - 6,000 gallons)	587,461	221,646	672,477									
Level 3 (6,001 - 9,000 gallons)	846,814	348,418	976,797									
Level 4 (over 9,000 gallons)	10,450,496	12,677,741	12,541,506									
		•		•								
Total	11,991,805	13,294,403	14,313,593		-	-	-	-		-	-	











Albemarle County Service Authority October 2025 Payments

CHECK NUMBER	CHECK DATE	VENDOR NAME	AMOUNT	DESCRIPTION OVER \$5,000
533946093		Rivanna Water & Sewer Authority	3,106,969.11	Water & Sewer Treatment
72315		Atlantic Machinery Incorporated	638,742.00	Vac-Con Dual Engine TITAN
538250856		Daniel & Company Incorporated	559,905.38	Avon Operations
534035177		Haymes Brothers Inc	478,174.83	Briarwood Water Main
72246		Commonwealth Excavating	260,589.27	Broadway Street WMRP
ACH	10/15/2025	_	196,451.30	Net Pay
ACH	10/31/2025	•	193,185.22	Net Pay
72266	10/15/2025	JBAK Consulting LLC	127,953.70	Verkada 5 Yr License Renew
72320		Albemarle County School Board	95,831.00	Galaxie Farm Interconnect
538250864	10/15/2025	IRS - Federal Tax Deposit	71,463.94	Payroll
538250877	10/31/2025	IRS - Federal Tax Deposit	69,787.95	Payroll
72341	10/31/2025	HTM/MTE Associates Inc	68,620.00	Valve Tech F-250-Utility Body
72255	10/15/2025	Ferguson Waterworks #7575	61,958.00	Water Meter
538250876	10/31/2025	County of Albemarle	53,562.43	Payroll
538250863	10/31/2025	County of Albemarle	51,396.28	Payroll
534091016	10/24/2025	The Bank of New York Mellon	47,987.92	Debt Service
538250860	10/31/2025	Virginia Retirement System	43,920.20	Payroll
538250873	10/31/2025	Virginia Retirement System	43,920.12	Payroll
72386	10/31/2025	Paymentus Corporation	37,091.10	Transaction Fees
72346	10/31/2025	Dewberry Engineers Incorporated	34,566.79	Avon Operations
72413	10/31/2025	Virginia Department	30,250.00	VDOT Ragged Mountain
72238	10/15/2025	Bank of America	27,839.66	Supplies & Memberships
72309	10/15/2025	Validos LLC	22,015.00	Telephone Consulting
72412	10/31/2025	Validos LLC	21,420.00	Telephone Consulting
72248	10/15/2025	Daly Computers Incorporated	15,834.00	G5 License Renewal
72250	10/15/2025	Dewberry Engineers Incorporated	15,092.00	Avon Operations & 5th Street
72376	10/31/2025	Michael Baker International Incorporated	14,231.82	Bellair-Liberty Hills Sewer
538250865	10/15/2025	Virginia Dept of Taxation	12,527.86	Payroll
538250878	10/31/2025	Virginia Dept of Taxation	12,344.11	Payroll
72269	10/15/2025	Leonard Holdings Incorporated	9,677.72	Accessories for New Vehicles
72416	10/31/2025	Whitman, Requardt & Assoc LLP	9,147.04	Facility Condition Assessment
72286	10/15/2025	Ramboll Americas Engineering	8,934.00	Crozet Phase 3 SSES
72310	10/15/2025	Cellco Partnership	8,689.37	Cellular Service
538250875	10/31/2025	VALIC	7,422.50	Payroll
538250862	10/15/2025	VALIC	7,392.50	Payroll
72270	10/15/2025	Letterpress Communications LLC	6,910.13	Communications Services
72380	10/31/2025	Networks 2000	6,666.21	Extended Warranties-Servers
72254	10/15/2025	EWT Holdings III Corporation	6,630.00	Bioxide
72337	10/31/2025	Chesterfield Trading Company Inc	6,594.55	Lifting Chain & Strap
72352	10/31/2025	Ferguson Waterworks #7575	5,178.96	Inventory
538250868		Voya Financial	4,909.88	
538250881	10/31/2025	Voya Financial	4,873.50	
538250859	10/15/2025		4,667.50	
538250872	10/31/2025	Nationwide	4,667.50	

72292	10/15/2025	RSG Landscaping LLC	4,537.85
72260		Flora Pettit PC	4,535.00
72409		United Rentals (North	4,483.27
72347	10/31/2025	Diamond Electric LLC	4,300.00
72348	10/31/2025	Dominion Energy Virginia	4,255.58
72399	10/31/2025	Safeware Incorporated	4,082.85
72275	10/15/2025	Mansfield Oil Company of Gainesville Inc	4,006.27
72261	10/15/2025	Fortiline Incorporated	3,984.38
72410	10/31/2025	University Tire & Auto	3,721.97
72253	10/15/2025	Ed's Floor Care Services LLC	3,703.33
72252	10/15/2025	Dominion Energy Virginia	3,353.74
72368	10/31/2025	Lowe's	3,320.85
72388	10/31/2025	PFM Asset Management LLC	3,141.14
72393	10/31/2025	Gwenyth Rankin	3,138.09
72350	10/31/2025	EWT Holdings III Corporation	3,094.00
72278	10/15/2025	Michael Baker International Incorporated	2,856.56
72240	10/15/2025	Blue Ridge Irrigation Service Company LLC	2,800.00
72372	10/31/2025	Mansfield Oil Company of Gainesville Inc	2,623.33
72353	10/31/2025	Ferguson Enerprises LLC #1300	2,531.50
72256	10/15/2025	Ferguson Enerprises LLC #1300	2,224.96
72324	10/31/2025	Amazon Capital Services	2,045.97
538250867	10/15/2025	ACSA Flexible Spending	1,863.56
538250880	10/31/2025	ACSA Flexible Spending	1,863.56
72285		Prism Contractors	1,826.88
72312		W E Brown Inc	1,820.00
72302	10/15/2025	=	1,814.31
72389		Piedmont Pools Incorporated	1,800.00
72394		Rappahannock Electric Cooperative	1,792.38
72420		Minnesota Life Insurance Co	1,754.92
72317		AAP Construction	1,710.00
72318		ABC Extinguishers LLC	1,560.64
72370		Mailing Services of Virginia	1,530.84
72418	10/31/2025		1,529.52
72239		The Bank of New York Mellon	1,500.00
72311		VA Utility Protection Service Inc	1,485.65
72407		Traffic Safety Supplies LLC	1,457.75
72306		UniFirst Corporation	1,425.43
72284		Pitney Bowes Global	1,418.22
72237	10/15/2025		1,300.00
538250866		Flexible Benefit	1,281.00
538250879 72343	10/31/2025	Flexible Benefit	1,281.00 1,274.82
72343 72398			
72398 72299		S L Williamson Company Inc Tencarva Machinery Company	1,204.82 1,187.00
538250870	10/15/2025		1,164.46
72362		Archibald H. Hawkins	1,100.00
72302 72295		Southwest Distributors LLC	1,088.40
1 2233	10/13/2023	JOHN WEST DISTIBUTORS LLC	1,000.40

72291	10/15/2025	Rivanna Water & Sewer Authority	1,066.91
72244	10/15/2025	BRC Enterprises Incorporated	965.96
72268	10/15/2025	L/B Water Service Incorporated	947.88
72392	10/31/2025	Quality Welding Inc.	917.31
72397	10/31/2025	RingCentral Inc	900.00
72331	10/31/2025	Elizabeth Blankenship	874.29
72408	10/31/2025	UniFirst Corporation	835.04
72361	10/31/2025	Hathaway Solutions LLC	808.05
538250861	10/31/2025	AFLAC	795.22
538250874	10/31/2025	AFLAC	795.22
72290		Rivanna Solid Waste Authority	776.00
72307	10/15/2025	University Tire & Auto	765.23
72257	10/15/2025	First Systems & Resources Incorporated	756.00
72349	10/31/2025	Hamza Durrani	753.52
72267	10/15/2025	LB Technology Incorporated	725.00
72404		Diana L. Svetich	700.00
72293	10/15/2025	S L Williamson Company Inc	670.08
72390		Piedmont Power	605.98
72234		Aireco Supply Incorporated	600.40
72333		Campbell-Rodgers Lumber Co	583.00
72262	10/15/2025		581.71
72344		Crown Communication LLC	579.63
538250858	10/31/2025		576.00
538250871	10/31/2025		576.00
72381		ODP Business Solutions LLC	554.95
72308		UVA-WorkMed	515.00
72233		Advance Stores Company Inc	501.61
72313		Whitman, Requardt & Assoc LLP	494.70
72385		Lawrence Adams	450.00
72273		Mailing Services of Virginia	447.00
72325		American Pest Incorporated	413.06
72241		Brink's Incorporated	401.30
72303		Traffic Safety Supplies LLC	392.95
72316		4Imprint Incorporated	389.12
72328		Aqua Air Laboratories Inc	385.00
72235		Amazon Capital Services	377.93
72264		W W Grainger Incorporated	374.56
72338		BRC Enterprises Incorporated	354.85
72272		Luck Stone Corporation	353.86
72414		Protocol SSD Corporation	315.33
72330		Better Living Incorporated	308.89
72374		Glen McInturff	302.29
72305	10/15/2025		300.86
72384		Gregory Scott	300.00
72296		SnowKnows Incorporated	283.97
72289 72226		Ricoh USA Incorporated	275.00
72336	10/31/2025	Charlottesville Sanitary	274.16

72277	10/15/2025	US Electrical Services Incorporated	259.10
72342	10/31/2025		250.40
72288		Republic Services #410	240.97
72365		Remod Katuwal	229.18
72322	10/31/2025	Homa Alemzadeh	226.32
72247	10/15/2025	County of Albemarle	226.00
72300	10/15/2025	TSRC Incorporated	225.30
72281	10/15/2025	ODP Business Solutions LLC	217.59
72249	10/15/2025	Department of the Treasury	210.60
72367	10/31/2025	Andres Lopez	200.84
72287	10/15/2025	Red Wing Business Advantage Account	200.00
72396	10/31/2025	Red Wing Business Advantage Account	200.00
72403	10/31/2025	Macro Retailing LLC	199.98
72280	10/15/2025	MSB Coach	195.12
72377	10/31/2025	Lisa Moon	193.62
72334	10/31/2025	MWP Supply Incorporated	185.26
72383	10/31/2025	David Strickler	175.00
72371	10/31/2025	Malloy Chevrolet Charlottesville LLC	171.75
72391	10/31/2025	Pitney Bowes Inc.	161.82
72402	10/31/2025	Stanley Martin	153.83
72339		C.E.S (City Electric Accounts - Chi)	151.72
72283		Judith Peatross	150.00
72298		Macro Retailing LLC	143.99
72359		Gingerich Outdoor Power Spec	143.91
72358		L H Gardner	136.31
72329		Jerica Barbour	136.16
72271	10/15/2025		135.20
72419		Herbert Beskin Trustee	135.00
72319	-	Advance Stores Company Inc	125.75
72258		Fisher Auto Parts Incorporated	123.87
72314		William A Wells	122.50
72354		Fisher Auto Parts Incorporated	120.74
72417		Anytime Fitness-Pantops	120.00
72421		Snap Fitness	119.88
72387		Performance Signs LLC	115.00
72236		API Service Center	103.88
72364		Jennifer Jacobs	102.79
72375		Robert McIntyre	101.14
72297		Estate of Caleb Stowe	100.37
72355		Flexible Benefit Administrators Inc	100.00
72382		Brooke Bostic	100.00
72382		Charles Tolbert	99.00
72304		Matthew Treece	88.50
	10/13/2025		85.74
72363 72379			71.84
72379		MSB Coach	
72251		Document Destruction of	69.95 68.04
72323	10/31/2025	BPB Holding Corporation	68.94

72294	10/15/2025	The Sherwin Williams Company	68.28
72406	10/31/2025	TSRC Incorporated	66.18
72401	10/31/2025	Spyglass Hill LLC	56.26
72400	10/31/2025	Beatrice Snow	55.19
72243	10/15/2025	Indpndnt Bttry Retailers of America	53.18
538250869	10/23/2025	Energy Earth LLC	50.00
72415	10/31/2025	Water Works Metrology LLC	48.82
72357	10/31/2025	Fulton Bank Property Management	44.53
72369	10/31/2025	Luck Stone Corporation	44.08
72259	10/15/2025	Flexible Benefit Administrators Inc	42.35
72340	10/31/2025	City of Charlottesville	41.50
72335	10/31/2025	Central Virginia Electric Cooperative	37.91
72356	10/31/2025	Fortiline Incorporated	37.10
72366	10/31/2025	Huilan Li	33.35
72360	10/31/2025	Gerardo Gonzalez Gutierrez	33.06
72274	10/15/2025	Malloy Chevrolet Charlottesville LLC	31.44
72242	10/15/2025	MWP Supply Incorporated	30.98
72327	10/31/2025	Appalachian Power	30.69
72265	10/15/2025	Fred Hudson	26.58
72345	10/31/2025	Anita Dean	20.70
72326	10/31/2025	API Service Center	20.00
72263	10/15/2025	Genuine Parts Company Incorporated	19.46
72395	10/31/2025	Real Property Management	19.07
72321	10/31/2025	Albemarle Lock & Safe Company	18.00
72351	10/31/2025	Punkie Feil	17.08
72405	10/31/2025	The Bear Henry Company	17.08
72276	10/15/2025	Martin Hardware Company Inc	16.27
72245	10/15/2025	City of Charlottesville	15.99
72332	10/31/2025	Jena Bucchi	15.59
72411	10/31/2025	University of Virginia Foundation	12.24
72301	10/15/2025	Thryv Incorporated	6.50
72279	10/15/2025	Kari Miller	6.26
72378	10/31/2025	Benjamin Morinelli	3.71
72373	10/31/2025	Martin Hardware Company Inc	2.96
			6,662,926.22

ALBEMARLE COUNTY SERVICE AUTHORITY

AGENDA ITEM EXECUTIVE SUMMARY

AGENDA TITLE: FY 2026 Capital Improvement Program (CIP) Report

AGENDA DATE: November 20, 2025

STAFF CONTACT(S)/PREPARER:

Jeremy M. Lynn, P.E., Director of

Engineering

CONSENT AGENDA:

ACTION: ■ INFORMATION: ■

ATTACHMENTS: YES

BACKGROUND: Monthly CIP Memo including a status report on active CIP Projects and a list of Active Private Development Projects.

DISCUSSION:

Questions about the status of active CIP Projects.

Questions about the status of active Private Development Projects.

BUDGET IMPACT: None.

RECOMMENDATIONS: None.

BOARD ACTION REQUESTED: Approval of the Consent Agenda.

ATTACHMENTS:

- Monthly CIP Report
- List of Active Private Development Projects

Albemarle County Service Authority (ACSA) Capital Improvement Program Report November 2025

Water System CIP Projects

Scottsville Phase 4 Water Main Replacement (Account Code 1758):

Consultant: Whitman, Requardt & Associates, Inc. (WRA)

Project Status: Design Percent Complete: 90%

Contractor: Undetermined

Construction Start: 2026
Completion: 2028
Total Budget: \$7,654,900
Spent to Date: \$555,740.55

Project Description: This project continues our systematic program to replace undersized and deteriorating asbestos-cement and cast-iron water mains throughout our water distribution system. Roads impacted by water replacement work include James River Road, Warren Street, Hardware Street, Moores Hill, and the downtown streets of Page, Bird, and West Main. This project requires extensive coordination with the Rivanna Water and Sewer Authority (RWSA) as it includes the replacement of their asbestos-cement water main along James River Road. Project Length = 13,700 LF.

11/11/2025: Easement acquisition efforts continue, with 10 of 30 easements acquired.

2. Ragged Mountain Phase 1 Water Main Replacement (Account Code 1760):

Consultants: Dewberry Engineers, Inc. (Dewberry) and Kimley-

Horn and Associates (KHA)

Project Status: Design/Construction

Percent Complete: 90% Design

Contractor: RWSA Project – Thalle Construction (Thalle)

Construction Start: February 2024
Completion: December 2028
Total Budget: \$2,576,400
Spent to Date: \$290,588.23

Project Description: This project will replace the oldest active water main remaining in our system serving residents along Fontaine Avenue Extended and Reservoir Road. This cast iron pipe is over 90 years old and is severely tuberculated, which significantly reduces the flow capacity in this section. Project Length = 1,800 LF.

11/11/2025: Thalle has completed the installation of the raw water main crossing of Fontaine Avenue Extended, and they anticipate beginning the

ACSA's water main work sometime in December 2025. VDOT is under contract with Burleigh Construction for the bridge replacement over Morey Creek, which will include a casing pipe for a future water connection over to Buckingham Circle.

3. Northfields Water Main Replacement (Account Code 1763/1764):

Consultant: OBG, A Ramboll Company (Ramboll)

Project Status: Design Percent Complete: 90%

Contractor: Undetermined

Construction Start: 2026 Completion: 2027

Total Budget: \$7,930,000 Water and \$1,000,000 Sewer

Spent to Date: \$518,726.62

Project Description: This project continues our systematic program to replace the aging and undersized asbestos-cement water mains in our system. The existing water mains are approximately 55 years old and have reached the end of their useful life. As a former well system that was connected to public water, most of the mains are also undersized. During design of the Northfields Water Main Replacement Project, ACSA staff identified several sections of sanitary sewer that could be installed along the roadway in coordination with the water main replacement work. These efforts will provide sanitary sewer service to nearly 20 existing neighborhood properties currently served by private septic fields. Project Length = 22,000 LF.

11/11/2025: Easement acquisition efforts continue with the second round of offer letters having been mailed out last week. To date, 9 of 17 easements have been obtained.

4. Briarwood Water Main Replacement (Account Code 1766):

Consultant: OBG, A Ramboll Company (Ramboll)

Project Status: Construction

Percent Complete: 40%

Contractor: Haymes Brothers Inc. (Haymes)

Construction Start: June 2025
Completion: February 2026
Total Budget: \$4,100,000
Spent to Date: \$1,894,815.70

Project Description: 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 breaks causing water service disruptions. Project Length = 5,700 LF.

11/11/2025: Haymes has completed all water service switchovers along Finch Court and have moved over to Wren Court.







5. Barracks West Water Main Replacement (Account Code 1769):

Consultant: Dewberry Engineers, Inc. (Dewberry)

Project Status: Design Percent Complete: 100%

Contractor: Undetermined

Construction Start: 2026 Completion: 2026

Total Budget: \$3,500,000 Spent to Date: \$219,131.50

Project Description: This project will replace the undersized and aging cast iron and galvanized water mains that were installed in the late 1960's. These water mains are original to the Old Salem Apartments development, now called Barracks West. This project follows our Strategic Plan goal to replace aging and undersized water mains throughout our system and will provide for an opportunity to improve fire protection to these multi-family apartments. Project Length = 4,300 LF.

11/11/2025: This project is currently being advertised for construction, and the Pre-Bid Meeting is scheduled for November 13, 2025. Bid opening has been scheduled for December 11, 2025.

6. Townwood Water Main Replacement (Account Code 1773):

Consultant: Dewberry Engineers, Inc. (Dewberry)

Project Status: Design Percent Complete: 95%

Contractor: Undetermined

Construction Start: 2026 Completion: 2026 Total Budget: \$3,200,0

Total Budget: \$3,200,000 Spent to Date: \$176,633.50

Project Description: 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 breaks causing water service disruptions. Project Length = 3,000 LF.

11/11/2025: The three draft easements plats have been received and are under review by ACSA staff.

7. Broadway Street Water Main Replacement (Account Code 1768):

Consultant: Whitman, Requardt & Associates, Inc. (WRA)

Project Status: Construction

Percent Complete: 85%

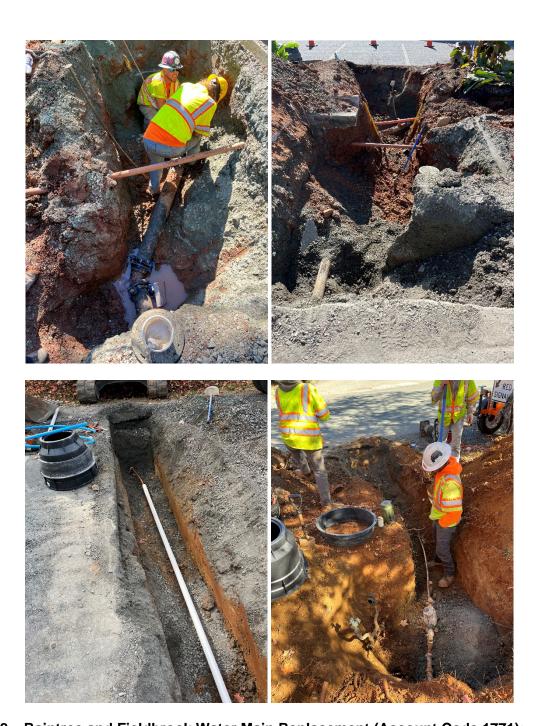
Contractor: Commonwealth Excavating, Inc. (CEI)

Construction Start: April 2025

Completion: December 2025
Total Budget: \$1,667,800
Spent to Date: \$763,259.77

Project Description: 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 on recent excavations. With the redevelopment of the Woolen Mills Factory and Albemarle County's increased attention on economic revitalization of this corridor, the replacement of this water main is crucial in transforming this area. Project Length = 1,500 LF.

11/11/2025: CEI has installed approximately 95% of the new water main along Broadway Street and is scheduled to make the tie-in to RWSA's water main the week of November 10, 2025. A connection to the City's water main is anticipated the week of November 17, 2025.



8. Raintree and Fieldbrook Water Main Replacement (Account Code 1771):

Consultant: Michael Baker International, Inc. (Baker)

Project Status: Design Percent Complete: 90%

Contractor: Undetermined

Construction Start: 2027 Completion: 2028

Total Budget: \$8,032,300 Spent to Date: \$273,771.25 **Project Description:** This project continues our systematic program to replace the PVC water mains in the Raintree and Fieldbrook subdivisions that have been in service since the early 1980's. In addition to replacing these PVC mains, this project will also eliminate pipe saddles at the water service connections that have been failing due to corrosion. Project Length = 12,000 LF.

11/11/2025: The draft easements plats have been received and are under review by ACSA staff.

9. Galaxie Farm Water Connection (Account Code 1702)

Consultant: Timmons Group Project Status: Construction

Percent Complete: 0%

Contractor: Nielson Builders, Inc. (Nielson)

Construction Start: Undetermined Completion: Undetermined

Total Budget: \$79,000 Spent to Date: \$95,831

Project Description: This project includes a water interconnect between the County's Southern Feeder Pattern Elementary School and the neighboring Galaxie Farm subdivision for redundancy and water quality purposes. Project Length = 290 LF.

11/11/2025: A Pre-Construction Conference with the project team is scheduled for November 13, 2025.

10. Exclusion Meters Replacement (Account Code 1759):

Consultant: ACSA Engineering

Project Status: Construction

Percent Complete: 78%

Contractor: ACSA and Irrigation Contractors

Construction Start: September 2019

Completion: 2026
Total Budget: \$527,500
Spent to Date: \$387,719.38

Project Description: In the mid 1990's with the development of Glenmore, many new customers installed irrigation systems for their properties and wanted to have their sewer bills reduced by the amount of water that was diverted to irrigate their properties. Private meters were installed behind their ACSA meter to record this volume, and it was "excluded" from the calculation of their sewer charges, and these became known as exclusion meters. On January 1, 2006, the ACSA Rules and Regulations were modified to no longer allow private exclusion meters and required all future irrigation meters be tapped separately off our water mains. This project is a multi-year replacement program by our in-house CIP Crew to install dedicated, ACSA owned irrigation meters that will eliminate all remaining exclusion meters in our system.

11/11/2025: ACSA staff continue to work closely with several irrigation contractors to upgrade private exclusion meters to be compatible with our AMI system with the ACSA covering these costs. There are currently 109 private irrigation exclusion meters remaining in our system.

11. Old Lynchburg Road Water Interconnect (Account Code 1775):

Consultant: ACSA Engineering

Project Status: Construction

Percent Complete: 0%

Contractor: ACSA Maintenance
Construction Start: November 2025
Completion: December 2025

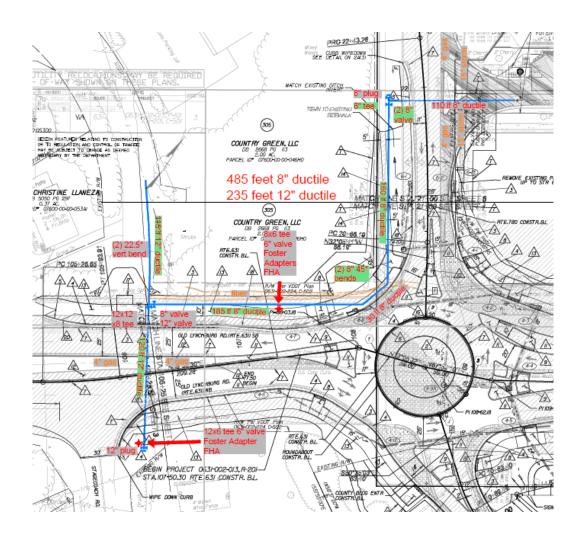
Total Budget: \$175,000

Spent to Date: \$0

Project Description: During plan review of VDOT's Old Lynchburg Road and 5th Street Roundabout Project, ACSA staff identified an opportunity to construct a water interconnect between Vision Lane and Country Green Lane. This will improve system redundancy and reliability in the area and will provide an opportunity to extend water over to Stagecoach Road. This project will be constructed in-house by our Maintenance Department and is being fast-tracked ahead of VDOT's project to reduce costs associated with restoration. Project Length = 720 LF.







Sewer System CIP Projects

12. Airport Trunk Sewer Upgrade (Account Code 1828):

Consultant: Michael Baker International, Inc. (Baker)

Project Status: Design Percent Complete: 90%

Contractor: Undetermined

Construction Start: 2026 Completion: 2028

Total Budget: \$8,983,800 Spent to Date: \$432,426.91

Project Description: With the continued growth in the Hollymead Town Center area, the existing sewer collector serving the airport and the area west of Route 29 has insufficient capacity to handle full build-out. The existing sewer was originally sized to serve the light industrial zoning designated for that area at the time of construction. The increased density specified in the County Comprehensive Plan for the same drainage basin will exceed the capacity of the existing sewer. A study of the drainage basin was completed in 2016 with the

recommendation that the sewer main be increased in size by replacing it in place. Project Length = 6,900 LF.

11/11/2025: Easement acquisition efforts continue with 20 of 24 easements obtained. A community meeting with residents in Forest Lakes is scheduled for the evening of November 11, 2025.

13. Buckingham Circle Sewer (Account Code 1802):

Consultant: Dewberry Engineers, Inc. (Dewberry)

Project Status: Design Percent Complete: 90%

Contractor: Undetermined

Construction Start: 2027
Completion: 2028
Total Budget: \$3,100,000
Spent to Date: \$79,482.00

Project Description: Over the past few years, numerous residents of the Buckingham Circle Subdivision have contacted the ACSA expressing interest in connecting to the public sanitary sewer system. To gauge community interest for such a project, ACSA staff mailed out a survey to the residents seeking feedback on their interest. Based on initial feedback received, more than 70% of the property owners have expressed interest in connecting to public sewer if it was made available.

11/11/2025: Dewberry has submitted 90% Design Documents, and they are under review by ACSA staff.

14. Bellair - Liberty Hills Sewer (Account Code 1829):

Consultant: Michael Baker International, Inc. (Baker)

Project Status: Design Percent Complete: 60%

Contractor: Undetermined

Construction Start: 2026
Completion: 2027
Total Budget: \$8,493,715
Spent to Date: \$309,874.82

Project Description: Over the past several years, there has been an uptick in residents of the Bellair Subdivision seeking to connect to public sanitary sewer service since most residents are currently served by private septic fields. To gauge community interest for such a project, ACSA staff mailed out a survey to the residents seeking feedback on their interest. Based on initial feedback received, many of the property owners are interested in connecting to the public sewer if it was made available.

11/11/2025: Baker has submitted revised 50% Design Documents, and they are under review by ACSA staff.

15. Crozet Phase 3 SSES (Account Code 1803):

Consultant: OBG, A Ramboll Company (Ramboll)

Project Status: Study
Percent Complete: 40%
Construction Start: 2025
Completion: 2026
Total Budget: \$400,000
Spent to Date: \$113,293.26

Project Description: As part of the ACSA's continuing efforts to identify and reduce groundwater (infiltration) and stormwater (inflow) entering the sanitary sewer system, the Crozet Phase 3 Sanitary Sewer Evaluation Survey (SSES) will evaluate a portion of the Crozet collection system primarily north of the railroad tracks. Evaluation efforts include but are not limited to flow metering, manhole inspections, smoke testing, and CCTV inspections.

11/11/2025: Ramboll is scheduled to begin smoke testing in sub-basins 2 and 3 the week of November 17, 2025.

16. FY 2025 Miscellaneous Sewer Rehabilitation (Account Code 1909):

Consultant: OBG, A Ramboll Company (Ramboll) and Dewberry

Engineers (Dewberry)

Project Status: Construction
Percent Complete: Underway

Contractor: Prism Contractors & Engineers, Inc. (Prism)

Construction Start: June 2024
Completion: November 2025
Total Budget: \$500,000
Spent to Date: \$469,704.88

Project Description: This project continues our annual "find and fix" program of sanitary sewer rehabilitation to reduce I&I in our system.

11/11/2025: The draft memo for the 5th Street Aerial Sewer Crossing Evaluation has been received and is under review by ACSA staff.

17. FY 2026 Miscellaneous Sewer Rehabilitation (Account Code 1910):

Consultant: Ramboll and Kimley-Horn

Project Status: Construction
Percent Complete: Underway

Contractor: Prism Contractors & Engineers, Inc. (Prism)

Construction Start: August 2025
Completion: August 2026
Total Budget: \$500,000
Spent to Date: \$10,023.03

Project Description: This project continues our annual "find and fix" program of sanitary sewer rehabilitation to reduce I&I in our system.

11/11/2025: Prism has relined approx. 1,700 linear feet of gravity sewer mains in the Greenbrier and Commonwealth Drive area, with about 300 feet remaining. Work Order No. 2 was issued on October 24, 2025, and included the relining of the aerial sewer crossing between Hyland Ridge and Cascadia and a section of storm sewer along Broadway Street. VDOT has agreed to share in the cost of the storm sewer relining. A Letter of Agreement has been issued to Kimley-Horn for the development of new bid documents. This will allow ACSA to bid for a new annual services contract in 2026.

Non-Utility and Facility CIP Projects

18. Energy Audit (Account Code 1625):

Consultant: OBG, A Ramboll Company (Ramboll)

Project Status: Construction

Percent Complete: 40%

Contractor: ACSA Facilities Group and Blue Whale EV

Construction Start: July 2023

Completion: December 2025

Total Budget: \$390,000 Spent to Date: \$304,156.05

Project Description: This project consists of a comprehensive energy audit of the Operations Center and all pump stations. The Energy Audit evaluated current energy consumption and the factors that drove it, as well as analysis of our utility rate structures to identify potential cost savings. Surveys were conducted of all systems, including operation and maintenance procedures to determine where energy conservation could be improved. Recommendations from the Energy Audit included: LED Lighting Retrofit, Occupancy Based HVAC Controls, replacement of Domestic Water Heater, improved efficiencies of water and wastewater pumps, pursuit of Electric Fleet Vehicles (EV) and exploration of Solar Photovoltaic renewable energy.

11/11/2025: A contract has been signed with Blue Whale EV for the installation of four charging stations at the ACSA Maintenance Facility. ACSA and Blue Whale are developing a schedule, which will heavily depend on the issuance of required permits from the County.

19. Avon Operations Center (Account Code 1622):

Consultant: Dewberry Engineers, Inc. (Dewberry)

Project Status: Construction

Percent Complete: 35%

Contractor: Daniel & Company, Inc. (DCI)

Construction Start: January 2025
Completion: November 2026
Total Budget: \$18,000,000
Spent to Date: \$7,230,660.41

Project Description: As part of the Operations Center Expansion Study our consultant reviewed all properties owned by ACSA that could be utilized as we continue to grow. 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 Operations Center is becoming overcrowded with equipment and materials, causing us to locate some equipment and larger materials in the former ACSA Maintenance Yard at the Crozet Water Treatment Plant, which we lease from RWSA. The future expansion of granular activated carbon (GAC) at the Crozet Water Treatment Plant site will result in the loss of much of the ACSA's storage space at that site. This project will begin to develop the Avon Street property into a much larger vehicle and materials storage facility, including a training area for our equipment operators.

11/11/2025: The concrete slabs have been poured, and construction of the pre-engineered metal building is underway. Masons have begun installing the lower-level block walls, and the underground fuel tanks have been set. Approx. 50% of the site retaining walls have been constructed.



















20. ACSA Operations Center Improvements (Account Code 1626):

Consultant: **ACSA Maintenance**

Project Status:
Percent Complete: Construction

40%

Contractor: ACSA and JES Foundation Repair (JES)

Construction Start: March 2025 Completion: Total Budget: November 2025 \$50,000

Spent to Date: \$24,639.85

Project Description: This overall project is comprised of several tasks related to improvements needed at the 168 Spotnap Road location. Those tasks include installation of a hard deck on the underside of the truss system in the warehouse for improved climate control, resolution of a settlement issue at the main entrance, and installation of a back-up generator for the Maintenance house (171 Spotnap Road).

11/11/2025: The new generator for the Maintenance house is now in service. JES is targeting the week of December 29, 2025, to complete the stabilization work at the front entrance of the Administration Building.

21. Facility Condition Assessment (Account Code 1613):

Consultant: Whitman, Requardt & Associates, Inc. (WRA)

Project Status: Study Percent Complete: 100%

Construction Start: January 2025
Completion: October 2025
Total Budget: \$73,691
Spent to Date: \$38,864.16

Project Description: This project includes an existing conditions assessment of various ACSA water and wastewater facilities in response to damage sustained at RWSA's Rivanna Pump Station in January 2024.

11/11/2025: The final report has been received and approved by ACSA staff. ACSA staff will begin to incorporate recommendations from this assessment into upcoming Operating and CIP Budgets. This project will be removed from the CIP Monthly Report.

22. Risk and Resilience Assessment Update (Account Code 1603):

Consultant: Launch! Consulting (Launch!)

Project Status: Study
Percent Complete: 95%

Construction Start: January 2025
Completion: November 2025
Total Budget: \$154,160
Spent to Date: \$136,811.60

Project Description: To comply with the America's Water Infrastructure Act (AWIA) of 2018, ACSA must complete its revised Risk and Resilience Assessment (RRA) every five years. Launch! Consulting, which facilitated our original RRA in 2017, will perform an updated assessment.

11/11/2025: A meeting was held on October 22, 2025, with Launch! to discuss the final report. Launch! is working on the final deliverable, and a project closeout meeting is scheduled for November 12, 2025. This project will be removed from the CIP Monthly Report.

23. Emergency Response Plan Update (Account Code 1603):

Consultant: Launch! Consulting (Launch!)

Project Status: Study
Percent Complete: 0%

Construction Start: October 2025
Completion: May 2026
Total Budget: \$80,000
Spent to Date: \$0

Project Description: To comply with the America's Water Infrastructure Act (AWIA) of 2018, ACSA must update its Emergency Response Plan (ERP) to address risks from natural hazards and malevolent acts. This project will ensure compliance by reviewing and updating ACSA's ERP to reflect current risks, operational changes, and best practices. The deadline for updating the ERP is June 30, 2026.

11/11/2025: The Project Kick-off Meeting was held on October 20, 2025. A workshop to establish the various Incident Action Checklists is scheduled for December 4, 2025.

Albemarle County Service Authority (ACSA) Active Private Development Projects November 2025

- 1. <u>664 West Rio Road (Rio)</u>: Water main extension to serve an 88-unit apartment building, as well as a self-storage facility. This site is located east of the intersection of West Rio Road and Berkmar Drive, across from Daily Progress.
- 2. <u>Albemarle High School Center II (Rio)</u>: Water main relocation to accommodate additional educational building on the Albemarle High School campus.
- Archer North Phase 1 (Rivanna): Water and sewer main extensions to serve 78 residential units. This development will replace the Ridgewood Mobile Home Park, located at the corner of Seminole Trail and Ashwood Blvd.
- **4.** Ashcroft Phase 3 (Rivanna): Water main extensions to serve 76 residential units. This development connects to Lego Drive just north of the Ashcroft Clubhouse.
- 5. <u>Bamboo Grove (White Hall)</u>: Water and sewer main extensions to serve 6 residential units. This development is located along Orchard Drive, just north of the intersection with Jarmans Gap Road.
- **6.** Belvedere Phase 4B (Rio): Water and sewer main extensions to serve 39 townhome units at the intersection of Belvedere Boulevard and Fowler Street.
- 7. <u>Bird Street Subdivision (Scottsville)</u>: Water and sewer main extensions to serve 36 single family homes at the end of Bird Street in the Town of Scottsville.
- 8. <u>Breezy Hill Offsite Utility Extension (Scottsville)</u>: Water main extension along Running Deer Drive to serve the proposed Breezy Hill subdivision.
- 9. <u>Brookhill Block 18 (Rivanna)</u>: Water and sewer main extensions to serve 194 single family homes in the Brookhill subdivision, located along the eastern side of Halsey Avenue and north of the Montgomery Ridge Subdivision.
- **10.** Flow Hyundai (Rio): Water main extension to serve a car dealership and associated car wash facility on the property along Seminole Trail just north of Malloy Ford.

- **11.** Old Ivy Residences (Jack Jouett): Water and sewer main extensions to serve 525 residential units. This site is located along Ivy Road just east of Route 29/250 Bypass.
- **12.** Old Trail Village Blocks 24, 33, and 34 (White Hall): Water and sewer main extensions to serve 52 residential units. This project is located at the intersection of Rockfish Gap Turnpike and Old Trail Drive.
- **13.** <u>Southern Feeder Pattern Elementary School (Scottsville)</u>: Water main extension to serve the new school facility, located south of Monticello Fire and Rescue.
- **14.** <u>Southwood Redevelopment Village 3 (Scottsville)</u>: Water and sewer main extensions to serve 127 single family units and 10 condominium units. This project is located along the eastern side of Horizon Road, south of Hickory Street.
- 15. <u>Woodbrook Apartments (Rio)</u>: Water main extensions to serve 244 multi-family residential units along Woodburn Road, north of Agnor Elementary School.
- 16. Woolen Mills Light Industrial (Scottsville): Water and sewer main extensions to serve multiple industrial buildings, totaling 117,000 square feet. The site is located at the corner of Moores Creek Lane and Franklin Street.

AGENDA ITEM EXECUTIVE SUMMARY

AGENDA TITLE: FY 2026 Monthly

Maintenance Update Report

STAFF CONTACT(S)/PREPARER:

Alexander J. Morrison, P.E., Director of

Operations

AGENDA DATE: November 20, 2025

CONSENT AGENDA:

ACTION: ■ INFORMATION: ■

ATTACHMENTS: No

BACKGROUND:

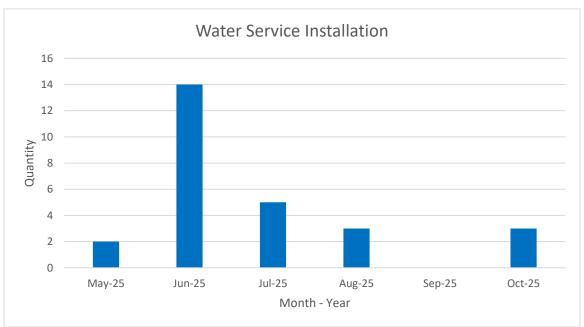
Current total years of service in the Maintenance Department: <u>333 years</u> Current average years of service in the Maintenance Department: <u>10.1 years</u> Current number of employees in the Maintenance Department: <u>33</u>

Below are 4 graphs depicting various routine monthly Maintenance Department activities for the previous 6-month period, based on completed Cityworks work orders and inspections.

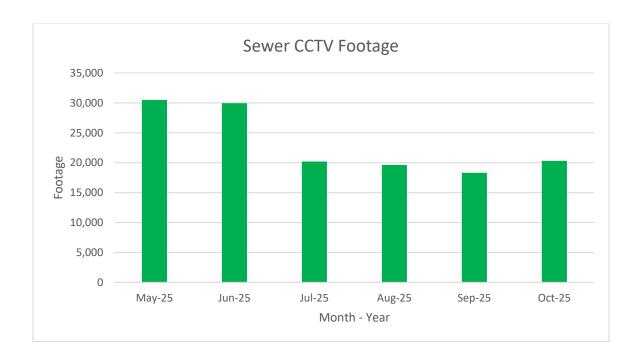


AGENDA ITEM EXECUTIVE SUMMARY





AGENDA ITEM EXECUTIVE SUMMARY



DISCUSSION:

- Routine Monthly Maintenance Activities
 - Inspections: Valve and hydrant inspections increased in October as crews were able to dedicate more time to inspection activities.
 Manhole inspections remained low, reflecting the continued impact of reduced CCTV activity, as described in the "Sewer CCTV Footage" section.
 - Leak Repairs: Two water service repairs were completed in October. Both involved 2-inch fittings that had developed small leaks—one located in the Urban area and the other in Crozet.
 - Water Service Installation: Three new water service installations were completed in October, all related to exclusion meter conversions.
 - Sewer CCTV Footage: Sewer CCTV inspections increased slightly in October. One CCTV van was undergoing preventative maintenance, and one operator was on vacation for part of the month. The ACSA recently acquired the QuickLock system, which, when used in conjunction with CCTV, will enable crews to perform trenchless point repairs in the sanitary sewer system. Additional

AGENDA ITEM EXECUTIVE SUMMARY

information on the system's implementation will be provided in a future Maintenance Monthly Report.

- Sewer Rodding/Flushing Footage: We will begin trending sewer rodding/flushing footage in future reports as additional data becomes available. In October, 13,168' of sanitary sewer was rodded and/or flushed.
- Facilities Inspections: Over the coming months, we will be working with the CMMS Coordinator to update how vertical asset inspections and preventive maintenance activities are documented in our CMMS software. These updates are intended to improve efficiency and make data entry easier for Facilities staff. As a result, the number of inspections reported each month by the system may differ from current totals, even though the same number of inspections are being completed. Once the changes are fully implemented and we have collected sufficient monthly data, we will begin trending the results. In September, completed inspections included:
 - 151 Generator Inspections
 - 351 Pump Inspections
 - 90 Sewer PS Inspections
 - 72 Water PS Inspections
 - 8 Fire System Inspections

BUDGET IMPACT: None.

RECOMMENDATIONS: None.

BOARD ACTION REQUESTED: Approval of the Consent Agenda.

ATTACHMENTS: None

AGENDA ITEM EXECUTIVE SUMMARY

AGENDA TITLE: Monthly Information Technology Department Update

STAFF CONTACT(S)/PREPARER: April Walker, Director of Information

Technology

AGENDA DATE: November 20, 2025

ACTION: INFORMATION:

ATTACHMENTS: No

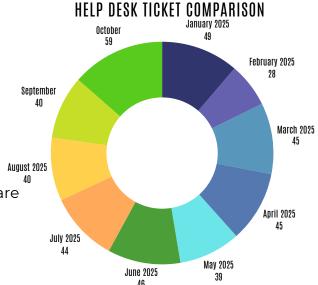
Information Technology

Background:

Primarily, our Systems Engineer and Systems Analyst are responsible for handling the Information Technology responsibilities. These responsibilities include all Help Desk tickets, employee onboarding/offboarding, intranet and website administration, server and software administration.

Last month, they:

- Resolved **59** Help Desk tickets
- Deployed 5 new computers
- Deployed I new phone
- Deployed 1 new tablet
- Onboarded 1 new employees



I.T. DEPARTMENT'S MONTHLY ROUTINES

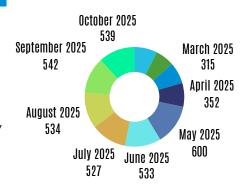
Digital & Physical Security

Background:

Our ISO/Systems Engineer handles all of our digital security and our Information Technology Technician handles all of our physical security. Last month, they:

- Secured 2,007.23 GB of application data
- Secured 1,425.18 GB of web data
- Secured 41.03 GB of user data
- Investigated 539 physical security alerts at the Operations Center
- Investigated **3,704** physical security alerts at water storage tanks and pump stations.
 - This increase is largely due to insects building webs on the cameras this time of year.
- Implemented **361** firewall pattern updates

OPERATIONS CENTER ALERTS



PUMP STATIONS & TANKS ALERTS

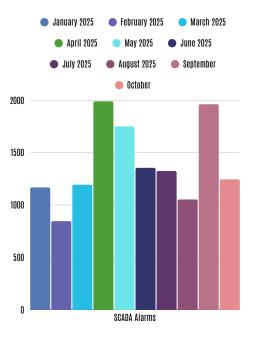


SCADA & AMI

Background:

Our SCADA system and AMI base stations are handled by our SCADA Technician. Last month, he:

- Investigated 1245 SCADA alarms
- Investigated **1** AMI Base Station Alarms
- Completed 1 SCADA Work Order



I.T. DEPARTMENT'S MONTHLY ROUTINES

Geographic Information Systems (GIS)

Background:

Our GIS is handled by our GIS & CMMS Coordinator and our GIS Technician. Our I.T. Technician accepted a promotion with another department at the ACSA, so all XY locates were completed by our GIS Technician in September. Last month, they:

- Digitized **116** sewer lateral lines (Total 20,615)
- Digitized 959 ft sewer gravity mains (Total 1,735,608 ft)
- Digitized **6,371.8 ft** water mains (Total 2,048,568.0 ft)
- Digitized 1779 ft water service lines (Total 506,389.7 ft)
- Fulfilled 4 external map requests
- Conducted 2 UAS flights

FOOTAGE OF WATER AND SEWER GRAVITY MAINS GIS DIGITIZATION **Water Mains** Sewer Gravity Mains 70000 60000 50000 40000 30000 20000 10000 2016 2017 2018 2019 2020 2021 2022 2023 2024 2025 UAS FLIGHT OF AVON OPERATIONS CENTER PROPERTY- NOVEMBER 6, 2025





ACSA INFORMATION TECHNOLOGY DEPARTMENT MONTHLY UPDATE

AGENDA ITEM EXECUTIVE SUMMARY

I.T. DEPARTMENT'S LARGE PROJECT PARTICIPATION



ARCGIS UTILITY NETWORK

ON HOLD: Our Azure deployment was briefly placed on hold due to the CIS demonstrations. With the CIS vendor now selected, we can begin discussions with the vendor and integrators to plan for this deployment.



SCADA SYSTEM ASSESSMENT

IN PROGRESS: We are currently focusing efforts on North Fork Regional Pump Station and Camelot Pump Station. We are working with our contractor on the upgrades of the programmable logic controllers (PLCs) and the machine interface terminals.



CYBERSECURITY UPGRADES

IN PROGRESS: We are continuously enhancing the security of ACSA's data. We recently took a training to learn more about some of the other standards that we should adopt. We are currently reviewing implementation of an additional standard for our SCADA System. During Cybersecurity Awareness Month (October) all employees took a Cybersecurity Training refresher.



RISK & RESILIENCE ASSESSMENT

IN PROGRESS: The final report has been received and is under review by ACSA staff. We are prioritizing items to be included within the upcoming budget.



AVON OPERATIONS CENTER- NETWORKING & SECURITY

IN PROGRESS: We have purchased the hardware necessary for the implementation of physical security and access controls for the Avon Operations Center. Staff have met to plan out timelines for installation.



REPORTING

IN PROGRESS: We are continuing to build more automated reports. This month, we worked on the Punchlist Report and a Meter Test Report. We are also building more reports within our Help Desk ticketing software.

AGENDA ITEM EXECUTIVE SUMMARY



FACILITIES CONDITION ASSESSMENT

IN PROGRESS: The final report has been received and is under review by ACSA staff. We recently met to prioritize the items needing corrective action. Another meeting is scheduled with the consultant.



CUSTOMER INFORMATION SYSTEM (CIS)

IN PROGRESS: A vendor has been selected and we are excited to start this project! We are currently starting to contact third party integrators to prepare.



SECURITY SYSTEM UPGRADES- PUMP STATIONS

IN PROGRESS: We have recently completed another access control install for a pump station. We are now planning for which station to complete next. This is working towards our goal of eliminating physical keys to better control physical security.



SCADA COMMUNICATIONS

IN PROGRESS: We are working with a cellular company to have them begin to build a secure network for us. With the recent changeout of several antennas, we have not experienced SCADA communication loss in a while.

ACKNOWLEDGEMENTS: We thank you for your continued support in our efforts.

BOARD ACTION REQUESTED: Informational

ATTACHMENTS: None

AGENDA ITEM EXECUTIVE SUMMARY

AGENDA TITLE: Rivanna Water & Sewer

Authority (RWSA) Monthly Update

STAFF CONTACT(S)/PREPARER:

Quin Lunsford, Executive Director

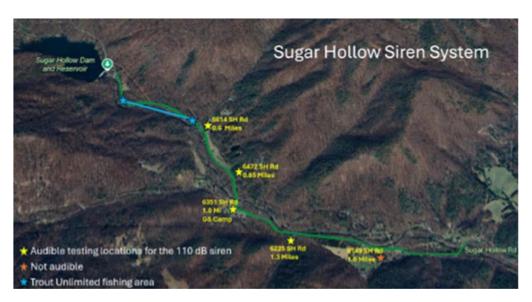
AGENDA DATE: November 20, 2025

CONSENT AGENDA: Informational

ATTACHMENTS: No

BACKGROUND: This report continues the monthly updates on the Rivanna Water & Sewer Authority (RWSA) projects and Board meetings. Below are updates on RWSA major projects and issues, including updates from the October 28th RWSA Board Meeting and other communications:

• <u>Sugar Hollow Siren:</u> Testing of the Sugar Hollow Dam High Water Alert System continues to be tested on the second Wednesday of each month at 10:00 AM, with the most recent test occurring on November 12th. Audible testing locations indicate that the current siren can be heard 1.3 miles from the siren location. RWSA is in the process of replacing the current siren with a louder version and designing an alert for the entire Sugary Hollow Valley.



• Emergency Power Generator for Scottsville Water Resources Recovery Facility and Pump Station: The existing generator at the WWPS is over 30 years old and is currently only able to provide back-up power to a portion of the facility. RWSA will be installing a new generator that can provide backup electric power to the entire facility and will also be more resilient in severe weather events as it will be located above the 500-year floodplain. Construction is expected to begin in January 2026 and be completed by June 2027.

AGENDA ITEM EXECUTIVE SUMMARY

Summary:

RWSA Major Project Schedule	Construction Start Date	Construction Completion Date	
Central Water Line, Phase 1	October 2025	December 2029	
Red Hill Water Treatment Plant Upgrades	January 2025	June 2027	
South Fork Rivanna River Crossing	December 2024	January 2027	
RMR to OBWTP Raw Water Line & Pump	February 2025	June 2029	
Station			
MC Building Upfits & Gravity Thickener	May 2025	May 2027	
Improvements			
MC Structural & Concrete Rehabilitation	May 2025	May 2027	
Crozet Pump Stations Rehabilitation	April 2026	April 2028	
MC Administration Building Renovation	August 2025	December 2027	
& Addition			
SRWTP - PAC Upgrades	November 2025	June 2027	
RMR Pool Raise	September 2025	December 2026	
Sewer and Manhole Repairs, Phase 2	December 2025	June 2027	
Crozet WTP GAC Expansion – Phase I	March 2026	May 2028	
Central Water Line, Phase 2	March 2026	March 2029	
MC Pump Station Slide Gates, Valves,	June 2026	May 2028	
Bypass, & Septage Receiving Upgrades			
SRR to RMR Pipeline, Intake, & Facilities	May 2026	December 2030	
Beaver Creek Dam, Pump Station, &	July 2026	June 2031	
Piping			
Upper Schenks Branch Interceptor,	2026	2028	
Phase II			
Glenmore WRRF, Phase 1	June 2026	January 2028	
Dam Concrete & Steel Repairs	May 2026	November 2027	
SVWRRF Generator	January 2026	June 2027	

SVWRRF Permit Modification Upgrades	May 2026	May 2027
Central Water Line Phase 1		

Central Water Line, Phase 1

Design Engineer:

Construction Contractor:

Michael Baker International (Baker)

Sagres Construction Corp. (Alexandria)

Construction Start: October 2025

Percent Complete 3%

Completion: December 2029 Budget: \$58,000,000

Current Status:

The first stage of water line construction will include Stadium Road, Piedmont Avenue, Price Avenue, and Lewis Street (to the railroad tracks) and will begin in October. The contractor is coordinating with the City to relocate gas lines along the initial stage. The contractor will mobilize equipment and pipe to their staging area at the end of Lewis Street. A virtual information meeting with the JPA Neighborhood Association was held on October 21st.

History:

The hydraulic connectivity in the Urban System is less than desired, creating operational challenges and reduced system flexibility and redundancy. Recent efforts and modeling for the Urban Finished Water Infrastructure Master Plan have determined that a central water line corridor through the city is the best option to hydraulically connect the Observatory Water Treatment Plant to the Urban service area, including the ACSA water service area.

This proposed new Central Water Line builds on the ACSA investments in additional water supply at Ragged Mountain and at the newly expanded Observatory Water Treatment Plant. This new line will allow a connection from the water plant to the urban water service areas of the ACSA.

Red Hill Water Treatment Plant Upgrades

Design Engineer: Short Elliot Hendrickson (SEH)
Construction Contractor: Anderson Construction (Lynchburg)

Construction Start: January 2025

Percent Complete: 12%
Completion: June 2027
Budget: \$2,050,000

Current Status:

The building permit for the project has been approved and construction activities have begun.

History:

The Red Hill Water Treatment Plant was constructed in a joint effort of the ACSA and RWSA in 2009 and consists of a well, pneumatic tank and pump house that provides treated water to the Red Hill Elementary School and adjoining neighborhood. The current building is beyond its physical capacity and this project serves to expand the building and improve the configuration of the process and laboratory needs of the WTP.

South Fork Rivanna River Crossing

Design Engineer: Michael Baker International (Baker)

Construction Contractor: Faulconer (Charlottesville)

Construction Start: December 2024

Percent Complete: 50%

Completion: January 2027 Budget: \$6,250,000

Current Status:

Horizontal Directional Drilling subcontractor has completed the pilot hole for the 1,200 LF directional drill and is now back-reaming to enlarge the opening for the water line. A portion of Old Rio Mills Road will be closed for several more months during construction of the new 24" water line. The contractor continues to address erosion and sediment control issues related to the drilling operation.

History:

RWSA has previously identified through master planning that a 24-inch water main will be needed from the South Rivanna Water Treatment Plant (SRWTP) to Hollymead Town Center to meet future water demands. Two segments of this water main were constructed as part of the VDOT Rt. 29 Solutions projects, including approximately 10,000 LF of 24-inch water main along Rt. 29 and 600 LF of 24-inch water main along the new Berkmar Drive Extension, behind the Kohl's department store. To complete the connection between the SRWTP and the new 24-inch water main in Rt. 29, there is a need to construct a new river crossing at the South Fork Rivanna River. Acquisition of right-of-way will be required at the river crossing.

Ragged Mountain Reservoir to Observatory Water Treatment Plant Raw Water Line and Raw Water Pump Station

Design Engineer: Kimley-Horn

Design Contractor: Thalle Construction (North Carolina)

Construction Start: February 2025

Percent Complete: 11%

Completion: June 2029 Current Project Estimate: \$61,490,000

Current Status:

The Contractor is nearing completion of the pipeline crossing of Fontaine Avenue. The new 36" pipeline will be pressure tested this month, and once a passing result is achieved, the contractor will perform paving and curb replacement as needed. The Contractor is working on the relocation of the existing 18" Ragged Mountain Raw Waterline on the new pump station site. Once this has been completed, the pump station construction will begin.

History:

Raw water is currently transferred from the Ragged Mountain Reservoir (RMR) to the Observatory Water Treatment Plant by way of two 18-inch cast iron raw water lines, which have been in service for more than 110 and 70 years, respectively. The proposed water line will be able to reliably transfer water to the expanded Observatory Plant, which, upon completion, will have the capacity to treat 10 mgd. The new single water line will be constructed of 36-inch ductile iron and will be approximately 14,000 feet in length.

The RMR to Observatory WTP raw water pump station will replace the existing Stadium Road and Royal Pump Stations, which have exceeded their design lives. The pump station will pump up to 10 mgd of raw water to the Observatory WTP. Integration of the new pump station with the planned South Rivanna Reservoir (SRR) to RMR Pipeline is being planned in the interest of improved operational and cost efficiencies and emergency redundancy. An integrated pump station would also include the capacity to transfer up to 16 mgd of raw water from RMR back to the SRR WTP.

MCAWRRF Building Upfits and Gravity Thickener Improvements

Design Engineer: Short Elliott Hendrickson (SEH)

Construction Contractor: English (Lynchburg, VA)

Construction Start: May 2025
Project Status: 12%

Completion: May 2027 Current Project Estimate: \$11,800,000

Current Status:

The contractor is working on improvements to the Duty Station which will provide temporary office and storage space for personnel while office spaces in the Blower Building are being renovated. Foundation work for the new maintenance office space under the Vehicle Maintenance Shop canopy is underway.

AGENDA ITEM EXECUTIVE SUMMARY

History:

This project addresses the renovation needs of the current maintenance and operations building space requirements, improvements to the existing gravity thickener system, and installation of actuators on the secondary clarifier influent gate valves.

MCAWRRF Structural and Concrete Rehabilitation

Design Engineer: Hazen and Sawyer (Hazen)
Construction Contractor: WM Schlosser (Hyattsville, MD)

Construction Start: May 2025
Project Status: 12%
Completion: May 2027
Current Project Estimate: \$15,500,000

Current Status:

Sandblasting, priming and purlin replacement at the Maintenance storage building are underway. Concrete repairs have begun on the Digesters and the equalization basins.

History:

This project comprises rehabilitation, repair and installation of multiple structural components throughout the MCAWRRF facility, to include concrete repairs in both the equalization basis and holding ponds, and rehabilitation to other components of the system.

• Crozet Pump Stations Rehabilitation

Design Engineer: Wiley | Wilson

Construction Contractor: Waco, Inc. (Sandston, VA)

Construction Start: April 2026

Percent Complete: 5%

Completion: April 2028 Budget: \$12,350,000

Current Status:

Materials have been ordered and have lengthy delivery times.

History:

The Crozet pump stations were originally constructed in the 1980's with many of the original components still being utilized. This project includes replacement of pumps, valves, roof replacements, siding replacements, installation of new wells, new electrical motor control centers, generators, and power transfer switches.

• Moores Creek Administration Building Renovation and Addition

Design Engineer: SHE

Construction Contractor: Martin Horn (Charlottesville)

Construction Start: August 2025

Percent Complete: 8%

Completion: December 2027 Budget: \$27,600,000

Current Status:

Site work and installation of items required to maintain network connectivity during construction continue. Staff office trailers are on-site with move-in expected in November.

History:

Through the MCAWRRF Master Plan, a need to house additional staff, increase office and meeting space; plan for replacement of the engineering trailers; bring the IT server workrooms to modern standards; and provide classroom space for education outreach. The expansion of the building will take place in the lower parking lot adjacent to the existing building.

• South Rivanna Water Treatment Plant - PAC Upgrades

Design Engineer: SHE

Construction Contractor: Waco, Inc. (Sandston, VA)

Project Start: November 2025

Percent Complete: 5%

Completion: June 2027 Current Project Estimate: \$1,820,000

Current Status:

Submittals for the powered activated carbon tank are being processed and materials are being ordered.

Ragged Mountain Reservoir Pool Raise

Design Engineer: Schnabel Engineering Construction Contractor: Faulconer Construction

Construction Start: September 2025

Percent Complete: 8%

Completion: December 2026
Current Project Estimate: \$13,200,000

Current Status:

The Contractor is completing improvements along Reservoir Road to facilitate barge mobilization. Clearing around the reservoir will start in mid-November.

• Sewer and Manhole Repairs, Phase 2

Design Engineer: CHA Consulting, Inc.

Construction Contractor: Vortex Services, LLC (Chesapeake,

VA)

Construction Start: December 2025

Percent Completed: 0%

Completion: June 2027 Budget: \$2,185,000

Current Status:

Contracts are being signed. The pre-construction conference was held on October 21st.

Crozet GAC Expansion – Phase I

Design Engineer: SEH

Construction Contractor: English Construction Company

(Lynchburg, VA)

Construction Start: March 2026

Percent Completed: 0%

Completion: May 2028 Budget: \$12,165,000

Current Status:

The construction contract was awarded to English Construction Company in September. Construction will begin in early 2026. Grant funds totaling \$7.24 million from VDH will support this project.

History:

In order to enhance the RWSA's resiliency and commitment to long term finished water quality, the Authority has committed to expanding the GAC capacity at the Crozet WTP to match the current plant capacity. This project includes expansion of

AGENDA ITEM EXECUTIVE SUMMARY

the existing GAC building, additional GAC vessels, pumps, piping, and electrical components.

Central Water Line, Phase 2

Design Engineer: Michael Baker International (Baker)

Project Start:

Construction Start:

Project Status:

Completion:

Budget:

July 2024

August 2026

80% Design

March 2029

\$21,000,000

Current Status:

Survey work is complete, and water piping design for the E. High Street area is underway. Engineers are developing 90% design drawings and permit applications. A private easement has been acquired and easements on two City parcels will be requested from City Council.

History:

The hydraulic connectivity in the Urban System is less than desired, creating operational challenges and reduced system flexibility and redundancy. Recent efforts and modeling for the Urban Finished Water Infrastructure Master Plan have determined that a central water line corridor through the city is the best option to hydraulically connect the Observatory Water Treatment Plant to the Urban service area, including the ACSA water service area.

This proposed new Central Water Line builds on the ACSA investments in additional water supply at Ragged Mountain and at the newly expanded Observatory Water Treatment Plant. This new line will allow a connection from the water plant to the urban water service areas of the ACSA.

• MC Pump Station Slide Gates, Valves, Bypass, and Septage Receiving Upgrades

Design Engineer: Hazen and Sawyer (Hazen)

Project Start:

Construction Start:

Project Status:

Completion:

Start:

June 2023

June 2026

92% Design

May 2028

Budget:

\$10,200,000

Current Status:

Final design is proceeding with the additional work on the south side septage station. Acquisition of a small parcel outside the MCAWRRF fence line is needed for construction and negotiations are underway.

History:

Inspections of the large aluminum slide gates at the influent side of the Moores Creek Pump Station have been conducted and the need for repair/addition of new gates for RWSA staff to have the flexibility to stop or divert flow to perform maintenance activities is needed. This project will also enclose the leachate discharge pit to reduce odors and address maintenance concerns.

• South Rivanna Reservoir to Ragged Mountain Reservoir Pipeline, Intake and Facilities

Design Engineer: Kimley Horn/SEH

Project Start: July 2023
Design Status: Bidding
Construction Start: May 2026

Completion: December 2030 Budget: \$117,000,000

Current Status:

Construction bids are due on November 13th. An award is anticipated at the December Board Meeting.

History:

The approved 50-year Community Water Supply Plan includes the construction of a new raw water pipeline from the South Rivanna River to the Ragged Mountain Reservoir. This new pipeline will replace the Upper Sugar Hollow Pipeline along an alternative alignment to increase raw water transfer capacity in the Urban Water System. The project includes a detailed routing study and water line design to account for recent and proposed development and road projects in Albemarle County and the University of Virginia. Preliminary design, preparation of easement documents, and acquisition of water line easements along the approved route is also being completed as part of this project that will lead to final design and construction of the raw water line, reservoir intake and pump station.

Beaver Creek Dam, Pump Station, and Piping Improvements

Design Engineer: Schnabel Engineering (Dam)

Design Engineer: Hazen and Sawyer (Pump Station)

Project Start: February 2018
Project Status: 75% Design

Construction Start:

Completion:

Budget:

July 2026

June 2031

\$72,500,000

Current Status:

Design of the pump station continues including recommendations from the Value Engineering workshop. Discussions with the County are underway to lease the Pump Station property. Easement negotiations for the new raw water main are underway.

Final design of the dam spillway upgrades is ongoing, with efforts focusing on primary spillway riser modifications to meet new seismic criteria. Changes to the spillway bridge design are being completed based on feedback from VDOT. A significant (\$20M) construction grant from the NRCS is anticipated.

History:

RWSA operates the Beaver Creek dam and reservoir as the sole raw water supply for the Crozet area. In 2011, an analysis of the Dam Breach inundation areas and changes to Virginia Department of Conservation and Recreation (DCR) *Impounding Structures Regulations* prompted a change in hazard classification of the dam from significant to high hazard. This change in hazard classification requires that the capacity of the spillway be increased, and the dam be replaced. This CIP project includes investigation, preliminary design, public outreach, permitting, easement acquisition, final design, and construction of the anticipated modifications. Work for this project includes a new relocated raw water pump station and intake.

Upper Schenks Branch Interceptor, Phase II

Design Engineer: CHA Consulting

Project Start:
Project Status:
Construction Start:
Completion:
July 2021
Design
2026
2027

Budget: \$7.1 million for RWSA section;

\$11 – \$15 million including City

section

Current Status:

Meetings with the County and City are ongoing to finalize the piping alignment.

History:

The Schenks Branch Interceptor is located in the easter part of the City of Charlottesville and was constructed in the mid-1950s. The existing interceptor is undersized to serve present and future wet weather flows and is to be upgraded to from a 21-inch to 30-inch pipe.

• Glenmore WRRF Upgrade Phase 1

Design Engineer: SEH

Project Start: March 2025
Project Status: 100% Design
Construction Start: June 2026
Completion: January 2028
Budget: \$1,800,000

Current Status:

This project will replace wastewater treatment equipment at the end of its useful life and reduce the noise generated from the aeration system blowers. Construction bids are due on November 12th.

Dam Concrete and Steel Repairs

Design Engineer:

Project Start:

Project Status:

Construction Start:

January 2025

10% Design

July 2026

Nevember 2027

Completion: November 2027 Budget: \$2,820,000

Current Status:

Structural assessments of the Sugar Hollow, South Rivanna, Lickinghole Creek, and Totier Creek dams have been completed. Design of the recommended repairs is underway.

Scottsville Water Resource Recovery Facility Generator

Design Engineer: Wiley | Wilson Project Start: October 2022

Project Status: Award

Construction Start:

Completion:

Budget:

January 2026

June 2027

\$1,300,000

Current Status:

Construction bids were opened for the project on October 2nd, 2025, and three bids were received from Carrick Contracting Corporation (\$825,245) and Waco, Inc (\$1,226,900), and Maverick Construction, LLC (\$2,175,820).

A request was made to authorize award of a contract in the amount of \$825,425 to Carrick Contracting Corporation for the Scottsville Water Resource Recovery Facility (SVWRRF) Whole Plant Generator and Automatic Transfer Switch Project. An amendment to increase the FY 26-30 CIP funding for this project totaling \$843,000 was also requested. The total budget for this project will be \$1,363,000. RWSA was previously awarded \$525,960 as part of FEMA and VDEM's Hazard Mitigation Program and will be submitting an amendment request to pursue additional funds.

• SVWRRF Permit Modification Upgrades

Design Engineer: Short Elliot Hendrickson (SEH)

Project Start:
Project Status:
Construction Start:
Sompletion:
Budget:
July 2025
Sw Design
May 2026
May 2027
Swapped:
Sw

Current Status:

This project includes influent pump station and headworks upgrades, aeration piping rehabilitation, a new storage and chemical feed building, and flood resiliency improvements. Design is underway and interim measures for meeting permit requirements are being coordinated with Operations staff.

Planning and Studies

• MCAWRRF Biogas Upgrades

Design Engineer: SEH

Project Start: October 2021

Project Status: Preliminary Engineering/Study (99%)

Completion: December 2024
Budget: \$7,800,000

Current Status:

RWSA and City staff continue to discuss all available options to reuse biogas.

Flood Protection Resiliency Study

Design Engineer: Hazen

Project Start: August 2024

Project Status: Preliminary Engineering/Study

Completion: April 2026 Budget: \$278,500

Current Status:

This project will identify individualized flood mitigation measures for various facilities to increase their resiliency from a 1% to a 0.2% flooding event and will focus on facilities located at the Moores Creek AWRRF within those flood event boundaries. This project received \$198,930 in grant funding from FEMA and VDEM.

Other Significant Projects

Urgent and Emergency Repairs

RWSA staff are currently working on several urgent repairs within the water and wastewater systems as listed below:

Project No.	Project Description	Approximate Cost	
2023-01	Finished Water System ARV Repairs	\$150,000	
2025-03	Rivanna Interceptor Stream Crossing Repairs	TBD	

- RWSA Finished Water ARV Repairs: RWSA Engineering staff recently met with Maintenance staff to identify a list of Air Release Valves (ARVs) that need to be repaired, replaced, or abandoned. Several of these locations will require assistance from RWSA On-Call Maintenance Contractors, due to the complexity of the sites (proximity to roadways, depth, etc.). The initial round will include seven (7) sites, all along the South Rivanna Waterline. Three replacements have been completed at this time, with a fourth site in progress. This in progress site included abandonment of an existing manual ARV located in the middle of the Route 29-Hydraulic intersection, which has been completed, and was a major coordination effort with VDOT, as they intend to pave this area in the coming weeks. The Contractor is working with VDOT on permits for the final sites. The remaining replacements will be scheduled pending Contractor availability.
- Rivanna Interceptor Stream Crossing Repairs: In Spring 2025, during annual inspections performed by the RWSA Maintenance Department, erosion was identified at two stream crossings along the Rivanna Interceptor to the North of the Dunlora subdivision. RWSA On-Call Maintenance Contractor, Digs, temporarily stabilized the worst of the two stream crossing sites with sandbags, to protect the pipe as the design of the repair is finalized. RWSA will be utilizing Design Engineer, SEH, for assistance with plans and USACOE permitting.

Security Enhancements

Design Engineer: Hazen & Sawyer

Construction Contractor: Security 101 (Richmond, VA)

Construction Start: March 2020

Percent Complete: 99% (WA9), 80% (WA12)

Based Construction Contract +

Change Orders to Date = Current Value: \$718,428 (WA1) + \$1,006,804

(WA2-12)

Completion: June 2025 (WA9), December

2025 (WA12)

Budget: \$2,980,000

Current Status:

WA9 will include installation of card access on all exterior doors at the South Rivanna WTP and has been amended to include interior doors at the new IT data center. WA12 includes installation of card access on all exterior doors at the Observatory WTP, as well as two small electrical buildings at MCAWRRF. Design of MCAWRRF entrance modifications with Hazen & Sawyer continues, with discussions with Dominion Energy also ongoing, as relocation of existing electrical infrastructure will be required. This relocation process will need to be finalized prior to the project proceeding to the bidding phase. Relocation of existing electrical infrastructure will require coordination with the adjacent landowner, as the infrastructure must be completely relocated from the entrance area. These discussions continue. The WPO documents were approved by Albemarle County in September.

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		ACSA	Board Fu	ıture Poli	cy Issue:	s Agenda	s 2025-2	026	
Dec. '25	Jan. '26	Feb. '26	Mar. '26	Apr. '26	May '26	June '26	July '26	August '26	Pending Issues
December 18th	January 15th	February 19th	March 19th	April 16th	May 21st	June 18th	July 16th	August 20th	ACSA Customer Communication
Recognitions	Recognitions	Recognitions	Recognitions	Recognitions	Recognitions	Recognitions	Recognitions	Recognitions	CIS - Customer Information Syst Billing, Website, Phone
CIP, Maintenance and IT Reports and RWSA Monthly	Monthly Financial, CIP, Maintenance and IT Reports and RWSA Monthly Update	Monthly Financial, CIP, Maintenance and IT Reports and RWSA Monthly Update	Monthly Financial, CIP, Maintenance and IT Reports and RWSA Monthly Update	Monthly Financial, CIP, Maintenance and IT Reports and RWSA Monthly Update	Monthly Financial, CIP, Maintenance and IT Reports and RWSA Monthly Update	Monthly Financial, CIP, Maintenance and IT Reports and RWSA Monthly Update	Monthly Financial, CIP, Maintenance and IT Reports and RWSA Monthly Update	Monthly Financial, CIP, Maintenance and IT Reports and RWSA Monthly Update	
ACSA Website Utilization and Social Media Update	Operational Presentation	Operational Presentation	Operational Presentation	Operational Presentation	Operational Presentation	Operational Presentation	Operational Presentation	Operational Presentation	Customer Experience (CX
Report (Annual Item)	Board Organizational Meeting - Election of Officers (Annual Item)		Proposed CIP Presentation (Annual Item)	Proposed FY 27 Capital Improvements Program Presentation (Annual Item)	Proposed FY 27 Budget and Rates Workshop	FY '27 Budget and Rates Public Hearing (Annual Item)	Strategic Plan Update - <i>(Bi-annual</i> <i>Item)</i>		Data Management and Manage Dashboards
Guidelines and	Annual Water Conservation Report (Annual Item)		Fix a Leak Week Water Conservation Event <i>(Annual Item)</i>	Proposed FY 27 Capital Improvements Program Public Hearing (Annual Item)		FY '27 Budget, Rates and CIP Approval (Annual Item)			Emergency Preparedness
Directors Meeting Schedule 2026	2025 Annual Report - Accomplishments and Challenges (Annual Item)			Proposed FY 27 Budget and Rates Overview (Annual Item)		Amendments to Rules and Regulations, and Personnel Management -			Facilities Condition Assessm
Holiday Schedule Strategic Plan 2026 (Annual Item) Update - (Bi-annual Item)		Resolution Scheduling Budget and Rates Public Hearing for June 18, 2026 (Annual Item)		Water & Wastewater Professionals Appreciation Day Recognition (Annual Item)			Federal/State Water Quality Regu PFAS; Emerging Contamina		
				National Drinking Water Week <i>(Annual Item)</i>					Operational Presentation - Se Rehabilitation Relining
									Purchasing Policy Manual
									RWSA CIP Central Water Line - Reservoirs F North Rivanna System Wastewater Projects
									Water Audit
									Water Supply Plan Project Status
									11/2

AGENDA ITEM EXECUTIVE SUMMARY

AGENDA TITLE: Annual

Comprehensive Financial Report -

Fiscal Year 2025

STAFF CONTACT/PREPARER:

Emily Roach, Interim Director of Finance; Quin Lunsford, Executive

Director

AGENDA DATE: November 20, 2025

ACTION: Informational

ATTACHMENTS: Yes

BACKGROUND: The Annual Comprehensive Financial Report (ACFR) for the fiscal year ended June 30, 2025, is complete and has been provided for Board review. The Authority's auditor, Brown Edwards, LLP will present its audit opinion and report on internal control over financial reporting and other matters based on an audit of financial statements. The Finance Department will provide a PowerPoint presentation to summarize financial and operational highlights from the fiscal year.

DISCUSSION: Over the past four months, staff have accumulated, analyzed, and prepared financial and operational records in conjunction with year-end requirements. The accumulation of this information culminates with the financial statement audit performed by the Authority's independent auditor, Brown, Edwards & Company, L.L.P. Finance Department staff, with information and assistance from the Administration, Engineering, IT and Maintenance Departments, compile the audited financial information into an ACFR. A presentation has been prepared to assist the Board in further understanding the major components of the report and other highlights from Fiscal Year 2025.

Additionally, the Authority and Brown Edwards staff met with the Authority's Audit Committee on October 30th to review information related to the audit and financial highlights for Fiscal Year 2025.

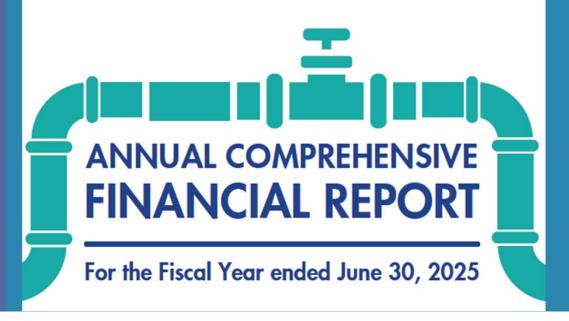
RECOMMENDATIONS: None

BOARD ACTION REQUESTED: None

ATTACHMENTS:

- 1. Fiscal Year 2025, Annual Comprehensive Financial Report PowerPoint presentation.
- 2. Albemarle County Service Authority Annual Comprehensive Financial Report for the Fiscal Year Ended June 30, 2025.





FY 2025 Annual Financial Report Presentation

November 20, 2025

Agenda



Annual Financial Report Overview



Fiscal Year 2025 financial highlights



Operating Information



Summary

FY 2025 Financial Highlights



Statement of Net Position Highlights Fiscal Year 2025

Assets/Def. Outflows: \$262,724,000

• Liabilities/Def. Inflows: \$20,386,000

• Net Position: \$242,338,000

• Increase of \$5,628,000 or 2.4% over last FY.



Revenues, Expenses, and Capital Contributions

• Operating Revenues: \$41,415,000

• Operating Expenses: \$49,172,000

• Non-Operating Revenues: \$ 3,443,000

• Non-Operating Expenses: \$ 148,000

• Capital Contributions: \$ 10,091,000

• Developer Contributions of Cap. Assets: \$1,317,000

• System/Capacity fees: \$8,774,000

Financial Highlights cont.



Operating revenues grew by \$2,116,000, an increase of 5.4% compared to fiscal year 2024



Operating expenses (including depreciation expense) increased by \$5,284,000 or 12.0% in comparison to fiscal year 2024



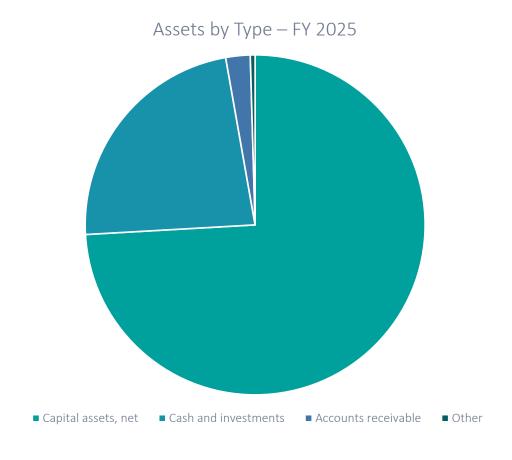
Capital contributions totaled \$10,091,000, reflecting a decrease of \$404,000, or 3.8%, compared to fiscal year 2024

Financial Highlights (cont.) – Total Assets

- Total assets have shown consistent year-over-year growth
- Growth in assets largely driven by continued capital investment in the water and sewer system, and investment performance in the current year

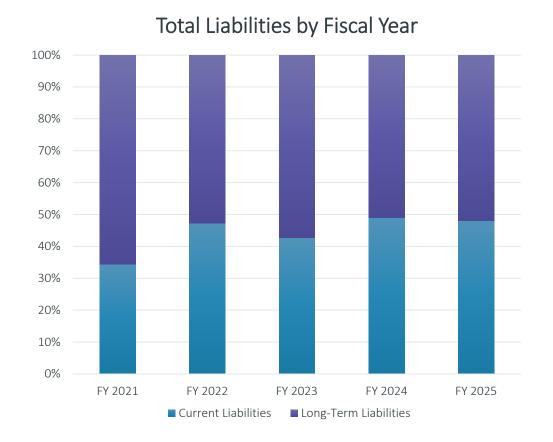


Financial Highlights (cont.) – Assets by Type (FY 2025)

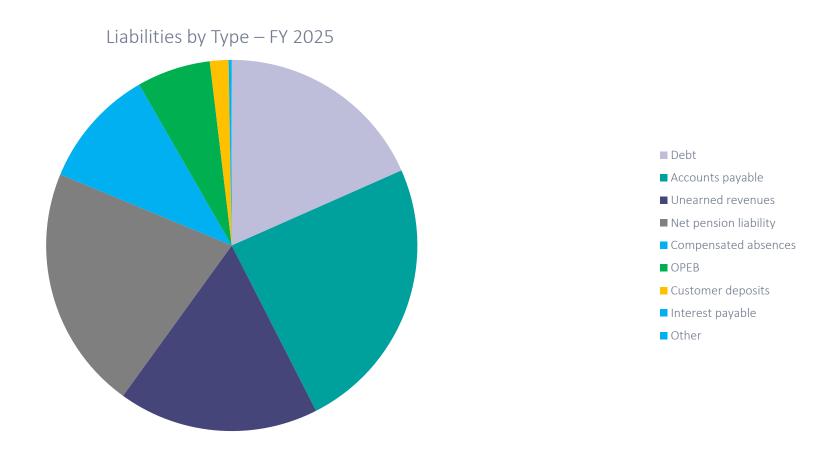


Financial Highlights (cont.) – Total Liabilities

- Total Liabilities increased
 7.3% compared to the prior
 FY.
- Changes driven by:
 - Increase in accounts payable of \$640,000 over the prior year
 - Increase in net pension liability of \$1.1M

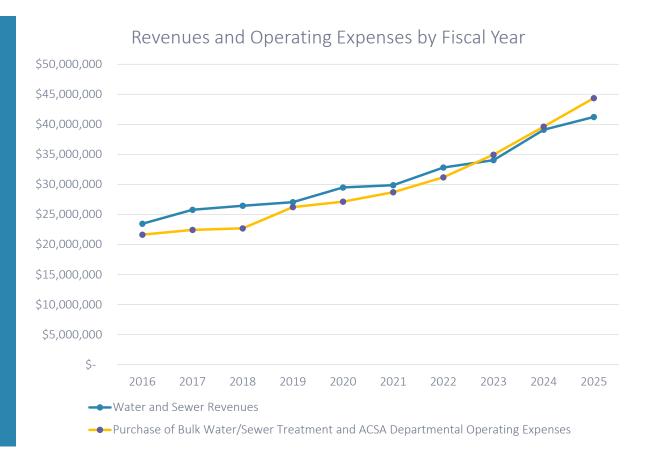


Financial Highlights (cont.) – Liabilities by Type (FY 2025)



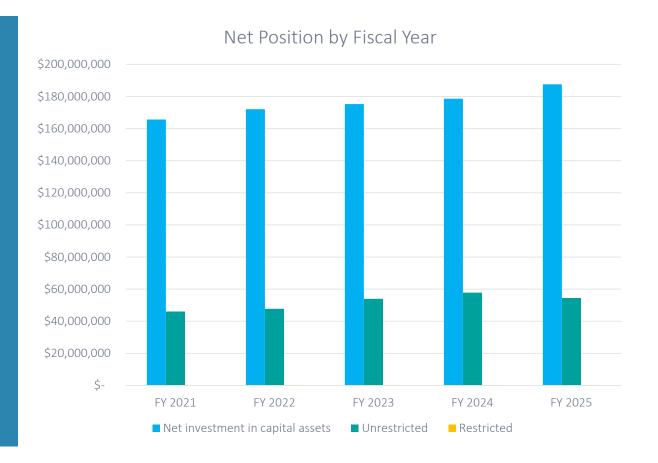
Operating Information (cont.) – Revenues and Expenses by FY

- Water and Sewer Revenues increased \$2.1M or 5.4% over the prior year
 - Billed water consumption decreased 0.9%
 - Billed sewer treatment decreased 0.7%
- Purchase of water/sewer treatment and ACSA departmental expenses increased \$4.8M or 12.3% over the prior year



Financial Highlights (cont.) – Net Position

- Total Net Position increased \$5.6M or 2.4% compared to the prior fiscal year
 - Unrestricted net position decreased \$3.3M or 5.7%
 - Net Investment in capital assets increased \$8.9M or 5.0%



Operating Information – FY 2025



424 new connections established during Fiscal Year 2025



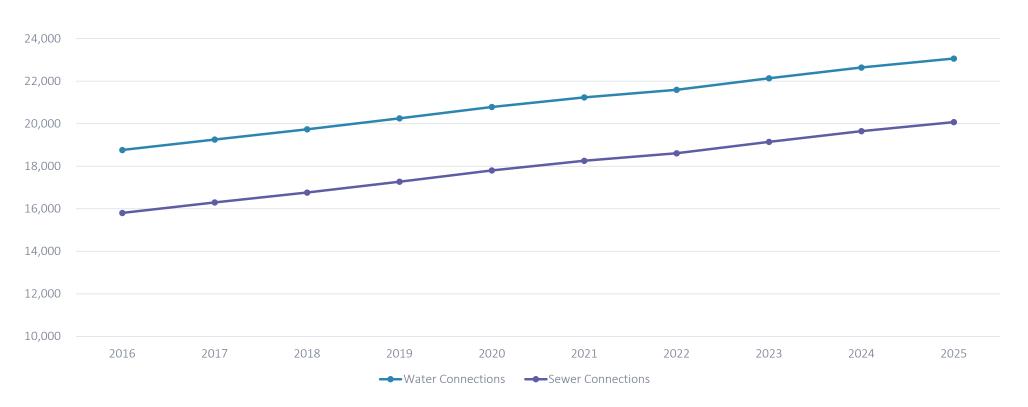
Over 283,000 meters were read



Nearly 4,900 service orders were processed

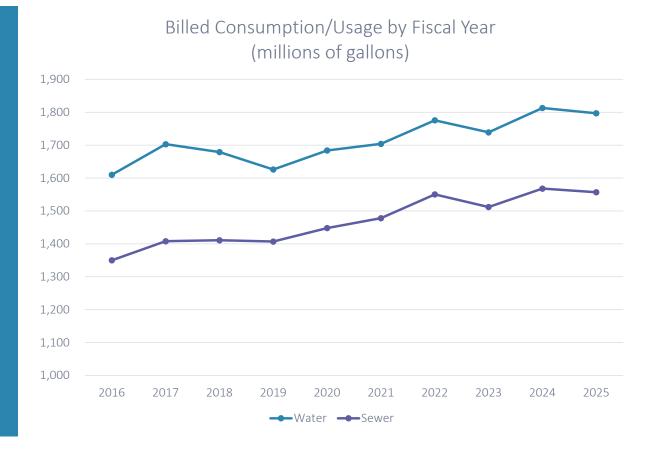
Operating Information (cont.) – Connections by Fiscal Year

Connections by Fiscal Year

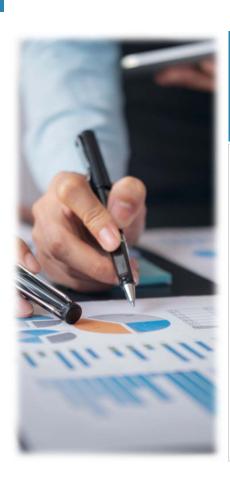


Operating Information (cont.) – Billed Consumption/Usage by FY

- Long-term trend shows increases in consumption but can vary from year to year
 - Water consumption down from prior fiscal year 0.9%
 - Sewer treatment down from prior fiscal year 0.7%



In Summary



Fiscal Year 2025 in Review

- Even with nearly 424 new connections, water/sewer consumption/treatment down slightly compared to the prior fiscal year
- Costs for water/sewer treatment continue to increase



Thank you

- Sincere thanks to all ACSA departments that contributed to the accumulation of financial information, especially
 - Ms. Tonya Foster, Ms.
 Jennifer Bryant, and Ms.
 Theresa Whiting who
 have each made a
 significant contributions
 this year to the ACFR





ALBEMARLE COUNTY SERVICE AUTHORITY ANNUAL COMPREHENSIVE FINANCIAL REPORT

For the Fiscal Year Ended June 30, 2025

ALBEMARLE COUNTY SERVICE AUTHORITY CHARLOTTESVILLE, VIRGINIA

ANNUAL COMPREHENSIVE FINANCIAL REPORT

For the Fiscal Year Ended June 30, 2025

Prepared by:

Department of Finance 168 Spotnap Road Charlottesville, Virginia 22911 (434) 977-4511

ALBEMARLE COUNTY SERVICE AUTHORITY

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ALBEMARLE COUNTY SERVICE AUTHORITY

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INTRODUCTORY SECTION



November 4, 2025

Board of Directors Albemarle County Service Authority Charlottesville, Virginia

Ladies and Gentlemen:

The Annual Comprehensive Financial Report of the Albemarle County Service Authority (Authority) is submitted herewith. With such modifications as apply to our status as an enterprise fund of governmental units, and as an independently chartered corporation, this report has been prepared in conformity with the reporting and accounting standards promulgated by the Governmental Accounting Standards Board (GASB) and the Government Finance Officers Association's (GFOA) *Governmental Accounting, Auditing, and Financial Reporting.*

Based upon a comprehensive framework of internal control that has been established for this purpose, the Authority management assumes full responsibility for the accuracy of the data and for the completeness and reliability of the information contained in this report. The information in this report is believed by Authority management to be sufficient to fully represent the financial result of the Authority's operations for the year ended June 30, 2025, and to provide an accurate and useful picture of the Authority's status as of that date.

State law and outstanding bond resolutions require an annual audit of the books and records of the Authority. This requirement has been satisfied by the engagement of independent certified public accountants, Brown, Edwards and Company, LLP, whose opinion is located at the front of the financial section of this report.

Management's discussion and analysis (MD&A), which provides a narrative introduction, overview, and analysis of the basic financial statements immediately follows the independent auditor's report. The MD&A complements this letter of transmittal and should be read in conjunction with it.

Organization and Function

Located in central Virginia, 100 miles southwest of Washington, DC and less than 65 miles west of Richmond, the Authority was established in 1964, pursuant to the *Virginia Water and Waste Authorities Act*, to provide water and sewer service to those jurisdictional areas in the County of Albemarle (County) designated by the County's Board of Supervisors. The current service areas include the urbanized ring around the City of Charlottesville (City), the communities of

Organization and Function (continued)

Crozet and Scottsville, Red Hill, and the Village of Rivanna. A six-member Board of Directors, appointed by the Albemarle County Board of Supervisors for renewable four-year terms, appoints the Executive Director and governs Authority operations and policies. We have determined, after an examination of the factors involved in the Governmental Accounting Standards Board's definition of "component unit" for financial reporting purposes, that we are not a component unit of Albemarle County and will not be included in their financial report. Justification for this decision is outlined in Note 1 to the financial statements.

In June 1973, the Authority and the City entered into a Service Agreement with the Rivanna Water and Sewer Authority (RWSA), which wholesales finished water and sewer treatment services to the Authority and to the City. In 1975, the Authority purchased from the City the facilities to serve all current water and sewer customers outside the City limits; since then, it has been the sole public retailer of these services in the County.

In addition to retailing finished water distribution and sewer collection services, the Authority constructs pumping stations and line extensions; purchases, connects to the system, and upgrades private water systems; installs water supply and sewage collector systems; inspects water delivery and sanitary sewage systems installed and contributed to it by developers; and maintains these constructed and contributed facilities.

Economic Conditions

In the Albemarle Community Profile⁽¹⁾ most recent update, the Virginia Employment Commission's Economic Information Services Division (VEC) reported the County's and State 2025 unemployment rate of 2.6% as compared to the United States' rate of 4.0%. The total number of jobs in Albemarle County was 64,666. The relative stability of the local economy is attributed to positive trends in the unemployment rate compared to the National percentage. The housing market weakened compared to last year, with home sales decreasing 4% compared to a year earlier, while median home sale prices were up 8% from one year ago⁽²⁾.

Residential and commercial growth within the Authority's Urban and Crozet service areas remains robust. New connections to the Authority's system remain strong (2023 - 543 connections, 2024 - 502 connections, 2025 - 424 connections), with a three-year average of 490 new connections (3).

⁽¹⁾ Virginia Community Profile – Albemarle County, Virginia Employment Commission, updated August 15, 2025;

⁽²⁾ CAAR (Charlottesville Area Association of REALTORS) 2025 2nd Quarter Report

⁽³⁾ Albemarle County Service Authority Annual Comprehensive Financial Report 2025, Table 11

Major Initiatives and Accomplishments

- ◆ Developed an operating and capital improvement budget for fiscal year 2025 that aligned with our strategic plan and considered current and future impacts of system growth, planned maintenance, and operational needs. To that end, our goals were 1) to meet anticipated operating and capital improvement expenses by modestly increasing water and sewer volume charges, and to ensure that current operating expenses will be paid with current operating revenues; 2) to keep customer buy-in and connection charges constant while maintaining our policy of "growth paying for growth;" and 3) to maintain, improve, and extend system infrastructure through capital investments.
- The Authority proactively manages its investment in infrastructure with many projects in various stages of completion. Major capital improvement projects completed during the fiscal year include:
 - Supervisory Control and Data Acquisition (SCADA) Phase 1
 - o Vulnerability Assessment Improvements
 - Biscuit Run Sewer Replacement Project
 - Installation of Sewer Comminuters at Pump Stations
- ◆ Future and ongoing projects of the Authority include replacement and upgrades to water mains in Crozet, upgrades to the Madison Park Pump Station, and construction of the ACSA's Avon Operations Center; continued addition to system redundancy and renewal; and a facility master plan which includes a satellite maintenance/office facilities on the ACSA's Avon Street property.

Operations

For Fiscal Year 2025, Operating Revenues (\$41,414,515) from water and sewer sales and service connection fees increased by 5.4% as compared to Fiscal Year 2024. Associated operating expenses (\$49,172,010) reflected an increase of 12.0% as compared to Fiscal Year 2024, primarily driven by an increase in water/sewer treatment expenses from the Rivanna Water and Sewer Authority and departmental increases.

Unlike the revenues derived from customer buy-in and connection fees, the difference in projected and actual operating revenues and expenses is more predictable except for wastewater treatment plant charges. While weather conditions can play a large role in discretionary use of water, such as irrigation usage, domestic usage is typically more predictable. Please refer to Page 14 for detailed information related to operating and non-operating revenues and expenses.

Accounting, Budgetary Controls, and Long-term Financial Planning

The Authority's management is responsible for establishing and maintaining a system of internal accounting controls. The objectives of internal controls are to provide management with reasonable, but not absolute, assurance that assets are safeguarded against loss from unauthorized use or disposition, and financial records for preparing financial statements and maintaining asset accountability are reliable. The concept of reasonable assurance recognizes that estimates and judgments made by management are required to assess the expected benefits and related costs of internal accounting control procedures and that the cost of the control should not exceed the benefits likely to be derived. Management reviews internal controls on a continuing basis.

The Authority is required by Trust Agreements for its Bond to prepare and adopt an annual operating budget. On a fiscal year basis, department heads prepare preliminary operating budgets and submit them to the Executive Director for consideration. Rates are established based upon required revenue projections and associated costs, which include operating expenses, debt service, capital projects, and reserves. An adequate operating reserve is important to furnish funds for unplanned minor or significant repairs; it can also be utilized during unusually wet years, when anticipated revenues are reduced due to less than anticipated consumption levels. An adequate repair, replacement, and rehabilitation reserve (3R) is important to furnish funds for unexpected major repairs, as well as planned replacement or rehabilitation of equipment or other major capital assets. The Executive Director submits a proposed budget and rate recommendation to the Board of Directors for adoption.

After adoption, increases or decreases to the budget are made only upon Board approval, and the budget lapses at the end of the fiscal year for all accounts except multi-year construction projects and specific re-appropriations for funds committed at year-end for which goods and/or services have not been received. Department heads and the Board of Directors receive monthly reports on revenues and expenses.

Awards and Acknowledgements

Government Finance Officers Association of the United States and Canada (GFOA) awarded a Certificate of Achievement for Excellence in Financial Reporting to the Albemarle County Service Authority for its Annual Comprehensive Financial Report (ACFR) for the fiscal year ended June 30, 2024. This was the 42nd consecutive year that the Authority has achieved this prestigious award. In order to be awarded a Certificate of Achievement, a government must publish an easily readable and efficiently organized annual comprehensive financial report. This report must satisfy both generally accepted accounting principles and applicable legal requirements.

Awards and Acknowledgements (continued)

A Certificate of Achievement is valid for a period of one year only. We believe that our current annual comprehensive financial report continues to meet the Certificate of Achievement Program's requirements, and we are submitting it to the GFOA to determine its eligibility for another certificate.

The preparation of this report would not have been possible without the support of Authority staff and the Leadership and Management team at the ACSA; their dedication is very much appreciated. We would like to express our gratitude and appreciation to Ms. Tonya Foster, Ms. Jennifer Bryant, and Ms. Emily Roach, who have each made significant contributions to the Annual Comprehensive Financial Report, and also to the Board of Directors for their interest in, and support of, the Authority's pursuit of financial reporting excellence.

Sincerely,

Quin G Lunsford Executive Director



Government Finance Officers Association

Certificate of Achievement for Excellence in Financial Reporting

Presented to

Albemarle County Service Authority Virginia

For its Annual Comprehensive Financial Report For the Fiscal Year Ended

June 30, 2024

Christopher P. Morrill

Executive Director/CEO

ALBEMARLE COUNTY SERVICE AUTHORITY

DIRECTORY OF PRINCIPAL OFFICIALS June 30, 2025

BOARD MEMBERS

Mr. Richard Armstrong, Chairman

Mr. Charles Tolbert, Vice-Chairman

Ms. Lizbeth Palmer

Mr. John Parcells

Mr. Clarence W. Roberts

Ms. Kimberly Swanson

EXECUTIVE DIRECTOR

Mr. Quin G. Lunsford

DIRECTORS OF FINANCE

Mr. Quin G. Lunsford and Ms. Emily Roach

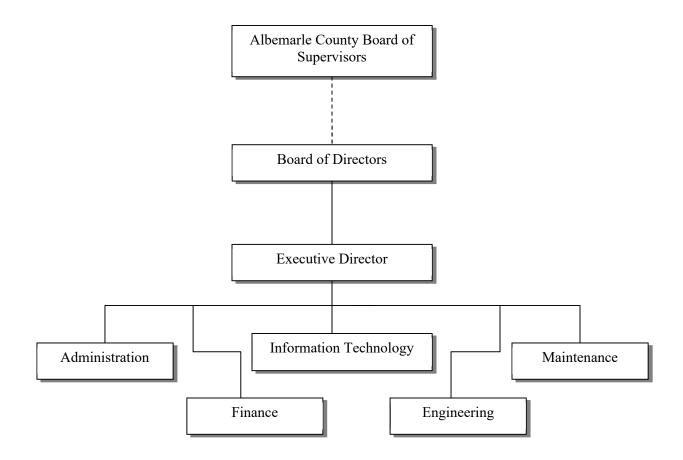
TRUSTEE

Bank of New York Mellon

INDEPENDENT AUDITORS

Brown, Edwards & Company, L.L.P.

ALBEMARLE COUNTY SERVICE AUTHORITY ORGANIZATIONAL CHART



FINANCIAL SECTION

Financial Section contains the Basic Financial Statements.



Independent Auditor's Report

To the Honorable Members of the Board of Directors Albemarle County Service Authority Charlottesville, Virginia

Report on the Audit of the Financial Statements

Opinion

We have audited the accompanying financial statements of the Albemarle County Service Authority (the "Authority") as of and for the year ended June 30, 2025, and the related notes to the financial statements, which collectively comprise the Authority's basic financial statements as listed in the table of contents.

In our opinion, the financial statements referred to above present fairly, in all material respects, the respective financial position of the Albemarle County Service Authority, as of June 30, 2025, and the respective changes in financial position and, where applicable, cash flows thereof for the year then ended in accordance with accounting principles generally accepted in the United States of America.

Basis for Opinion

We conducted our audit in accordance with auditing standards generally accepted in the United States of America, the standards applicable to financial audits contained in *Government Auditing Standards*, issued by the Comptroller General of the United States, and *Specifications for Audits of Authorities, Boards and Commissions* issued by the Auditor of Public Accounts of the Commonwealth of Virginia. Our responsibilities under those standards are further described in the Auditor's Responsibilities for the Audit of the Financial Statements section of our report. We are required to be independent of the Authority and to meet our other ethical responsibilities, in accordance with the relevant ethical requirements relating to our audit. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinion.

Change in Accounting Principle

As described in Note 14 to the financial statements, in 2025, the Authority adopted new accounting guidance, GASB Statement No. 101, *Compensated Absences*. Our opinion is not modified with respect to this matter.

Responsibilities of Management for the Financial Statements

Management is responsible for the preparation and fair presentation of these financial statements in accordance with accounting principles generally accepted in the United States of America, and for the design, implementation, and maintenance of internal control relevant to the preparation and fair

presentation of financial statements that are free from material misstatement, whether due to fraud or error.

In preparing the financial statements, management is required to evaluate whether there are conditions or events, considered in the aggregate, that raise substantial doubt about the Authority's ability to continue as a going concern for twelve months beyond the financial statement date, including any currently known information that may raise substantial doubt shortly thereafter.

Auditor's Responsibilities for the Audit of the Financial Statements

Our objectives are to obtain reasonable assurance about whether the financial statements as a whole are free from material misstatement, whether due to fraud or error, and to issue an auditor's report that includes our opinion. Reasonable assurance is a high level of assurance but is not absolute assurance and therefore is not a guarantee that an audit conducted in accordance with generally accepted auditing standards and *Government Auditing Standards* will always detect a material misstatement when it exists. The risk of not detecting a material misstatement resulting from fraud is higher than for one resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal control. Misstatements are considered material if there is a substantial likelihood that, individually or in the aggregate, they would influence the judgment made by a reasonable user based on the financial statements.

In performing an audit in accordance with generally accepted auditing standards and *Government Auditing Standards*, we:

- Exercise professional judgment and maintain professional skepticism throughout the audit.
- Identify and assess the risks of material misstatement of the financial statements, whether due to fraud or error, and design and perform audit procedures responsive to those risks. Such procedures include examining, on a test basis, evidence regarding the amounts and disclosures in the financial statements.
- Obtain an understanding of internal control relevant to the audit in order to design audit
 procedures that are appropriate in the circumstances, but not for the purpose of expressing an
 opinion on the effectiveness of the Authority's internal control. Accordingly, no such opinion is
 expressed.
- Evaluate the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluate the overall presentation of the financial statements.
- Conclude whether, in our judgment, there are conditions or events, considered in the aggregate, that raise substantial doubt about the Authority's ability to continue as a going concern for a reasonable period of time.

We are required to communicate with those charged with governance regarding, among other matters, the planned scope and timing of the audit, significant audit findings, and certain internal control-related matters that we identified during the audit.

Required Supplementary Information

Accounting principles generally accepted in the United States of America require that the management's discussion and analysis and other required supplementary information, as listed in the table of contents, be presented to supplement the basic financial statements. Such information is the responsibility of management, and, although not a part of the basic financial statements, is required by the Governmental Accounting Standards Board who considers it to be an essential part of financial reporting for placing the basic financial statements in an appropriate operational, economic, or historical context. We have applied certain limited procedures to the required supplementary information in accordance with auditing standards generally accepted in the United States of America, which consisted of inquiries of management about the methods of preparing the information and comparing the information for consistency with management's responses to our inquiries, the basic financial statements, and other knowledge we obtained during our audit of the basic financial statements. We do not express an opinion or provide any assurance on the information because the limited procedures do not provide us with sufficient evidence to express an opinion or provide any assurance.

Other Information

Management is responsible for the other information included in the annual report. The other information comprises the introductory and statistical sections but does not include the basic financial statements and our auditor's report thereon. Our opinions on the basic financial statements do not cover the other information, and we do not express an opinion or any form of assurance thereon.

In connection with our audit of the basic financial statements, our responsibility is to read the other information and consider whether a material inconsistency exists between the other information and the basic financial statements, or the other information otherwise appears to be materially misstated. If, based on the work performed, we conclude that an uncorrected material misstatement of the other information exists, we are required to describe it in our report.

Report on Summarized Comparative Information

We have previously audited the Authority's 2024 financial statements, and our report dated October 25, 2024, expressed an unmodified opinion on those financial statements. The 2024 financial information is provided for comparative purposes only. In our opinion, the comparative information presented herein as of and for the year ended June 30, 2024, is consistent, in all material respects, with the audited financial statements from which it has been derived.

Other Reporting Required by Government Auditing Standards

In accordance with *Government Auditing Standards*, we have also issued our report dated November 4, 2025 on our consideration of the Authority's internal control over financial reporting and on our tests of its compliance with certain provisions of laws, regulations, contracts, and grant agreements and other matters. The purpose of that report is solely to describe the scope of our testing of internal control over financial reporting and compliance and the results of that testing, and not to provide an opini on on the effectiveness of the Authority's internal control over financial reporting or on compliance. That report is

an integral part of an audit performed in accordance with *Government Auditing Standards* in considering the Authority's internal control over financial reporting and compliance.

CERTIFIED PUBLIC ACCOUNTANTS

Brown, Edwards & Company, S. L. P.

Harrisonburg, Virginia November 4, 2025

Management's Discussion and Analysis

The management of the Albemarle County Service Authority (the "Authority") presents this analysis of the Authority's financial performance during the fiscal year ended June 30, 2025, as a supplement to the Authority's basic financial statements. This analysis should be read in conjunction with the basic financial statements that follow, as well as the Letter of Transmittal, which can be found on pages i through vi of this financial report.

Overview of the Financial Statements

The annual financial report is presented in four sections: introductory, financial, statistical, and compliance.

The introductory section includes a letter of transmittal submitted by the Authority's Executive Director and Director of Finance, a listing of the Authority's Board of Directors and organizational chart as of the end of the past fiscal year, and a copy of the Government Finance Officers Association Certificate of Achievement for Excellence in Financial Reporting that has been awarded to the Authority for the fiscal year ended June 30, 2024.

The financial section consists of the Independent Auditor's Report, Management's Discussion and Analysis, and the Authority's basic financial statements, including notes to the statements and required supplementary information, which are discussed below.

The Statement of Net Position reports the Authority's assets and deferred outflows of resources and liabilities and deferred inflows of resources, providing information about the nature and amounts of investments in resources (assets), consumption of net assets that applies to future periods (deferred outflows), obligations to creditors (liabilities), an acquisition of net assets that applies to future periods (deferred inflows). These statements may be used to evaluate the capital structure, liquidity, and financial flexibility of the Authority. The Statement of Revenues, Expenses and Changes in Fund Net Position reflect revenue and expense activity of the Authority for the fiscal year. This statement allows the user to measure the Authority's profitability and creditworthiness by the financial performance of the Authority's operations, and to determine whether the Authority has successfully recovered its operating costs through user fees and other charges. The Statement of Cash Flows presents the Authority's inflows and outflows of cash during the financial reporting period, by reporting cash receipts, cash payments, and the net changes in cash. Cash flows are categorized by operating, non-capital financing, capital and related financing, and investing activities. The Notes to the Financial Statements and the Required Supplementary Information provide necessary disclosures that are essential to a full understanding of the data provided in the aforementioned basic financial statements.

The statistical section includes selected financial, operational, and demographic information presented on a multi-year basis.

The Authority operates as an enterprise fund. Enterprise funds are a type of proprietary fund and function similar to a private business in that user charges and fees are expected to cover costs. The Authority's basic financial statements are presented using the accrual basis of accounting, which provides for revenue recognition in the period in which water and reclamation services are provided and expense recognition when goods and services are received. Additionally, the Authority's basic financial statements utilize the flow of economic resources measurement focus, in which all assets and liabilities are reflected on the Statement of Net Position and the Statement of Revenues, Expenses and Changes in Fund Net Position includes all transactions, such as revenues and expenses that increase or decrease net position.

Financial Highlights

- The assets and deferred outflows of resources of the Authority exceeded liabilities and deferred inflows of resources at the close of the most recent fiscal year by \$242,337,860 (net position). Of this amount \$54,475,231 (unrestricted net position) may be used to meet the Authority's ongoing obligations to customers and creditors.
- The Authority's total liabilities as a percentage of net position increased from 7.7% at June 30, 2024, to 8.0% at June 30, 2025.
- Fiscal year 2025 operating revenues increased 5.4% to \$41,414,515 as compared to fiscal year 2024 while operating expenses increased 12.0% to \$49,172,010 during the same period.
- System development and capacity charges remained strong during the fiscal year and totaled \$8,773,102 for fiscal year 2025. This is a decrease of \$879,362 or 9.1% compared to the prior fiscal year. While this is a decrease when compared to the prior fiscal year, the Authority's service area continues to develop. These charges can vary from year to year based on construction schedules, weather, and material availability. We anticipate that system development and capacity charges will remain strong for the foreseeable future.
- The Authority realized a gain on investments in the current fiscal year, totaling \$2,880,166. This is a slight increase in comparison to the prior fiscal year.

Financial Analysis

The Statement of Net Position and the Statement of Revenues, Expenses and Changes in Fund Net Position report information about the Authority's activities to determine if, overall, the financial position improved over the year. These two statements report the net position of the Authority and changes in them. Analyzing the Authority's net position is one way to measure financial health. Non-financial factors such as economic conditions, population growth and new or changed government legislation need to be considered as well. The Authority improved its financial position in fiscal year 2025.

Net Position

The Authority's net position increased by \$5,628,321 during fiscal year 2025, which represents a 2.4% increase from the beginning of the fiscal year net position. At June 30, 2025, total net position was \$242,337,860 as compared to the prior year net position of \$236,709,539. It should be noted that the Authority adopted GASB **Statement No. 101,** *Compensated Absences*, which requires liabilities for compensated absence to be recognized when leave has not been used and may be paid in future periods. Implementation of the statement required a restatement of net position in the earliest year presented and as such, has restated Net position, as of July 1, 2023

FINANCIAL ANALYSIS (continued)

The following table depicts the Authority's condensed summary of net position at June 30, 2025 and 2024.

Condensed Statement of Net Position

Condensed Statement of Net I ostion	2025		2024	
Current Assets	\$	34,427,233	\$	37,938,395
Investments		33,042,180		31,405,020
Noncurrent lease receivable		12,052		27,742
Capital assets, net		193,016,115		185,136,870
Total Assets		260,497,580		254,508,027
Deferred Outflows of Resources		2,226,231		1,166,713
		2 2 4 2 7		
Current Liabilities		9,363,376		8,897,138
Long-term Liabilities		10,134,604		9,268,933
Total Liabilities		19,497,980		18,166,071
Deferred Inflows of Resources		887,971		799,130
Net investment in capital assets		187,525,026		178,591,470
Restricted for debt service		337,603		331,089
Unrestricted		54,475,231		57,786,980
Total Net Position	\$	242,337,860	\$	236,709,539

FINANCIAL ANALYSIS (continued)

The following table summarizes changes in revenues and expenses between fiscal year 2025 and 2024.

Condensed Statements of Revenues, Expenses, and Changes in Fund Net Position

	2025			2024		
Revenues:						
Operating Revenues:						
Water Sales	\$	22,876,443	\$	21,719,767		
Sewer Service		18,362,595		17,399,595		
Other		175,477		178,849		
Non-operating Revenue:						
Investment income		2,880,166		2,810,568		
Miscellaneous revenues		546,330		424,691		
Lease revenue		16,335		16,334		
Total Revenues	\$	44,857,346	\$	42,549,804		
Expenses:						
Operating Expenses:						
Purchase of bulk water	\$	19,012,443	\$	16,266,189		
Purchase of sewer treatment		12,356,107		11,319,500		
Depreciation		4,792,018		4,354,813		
Administration		1,301,385		1,179,165		
Engineering		2,545,829		2,233,966		
Finance		2,782,629		2,708,841		
Information Technology		1,818,914		1,610,566		
Maintenance		4,562,685		4,215,771		
Non-operating Expenses:						
Interest and fiscal charges		76,289		86,671		
Miscellaneous expenses		71,255		676,936		
Total Expenses	\$	49,319,554	\$	44,652,418		
Loss before capital contributions	\$	(4,462,208)	\$	(2,102,614)		
Capital Contributions		10,090,529		10,495,354		
Change in net position	-	5,628,321		8,392,740		
Net position – beginning of year		236,709,539		228,316,799		
Net position – end of year	\$	242,337,860	\$	236,709,539		

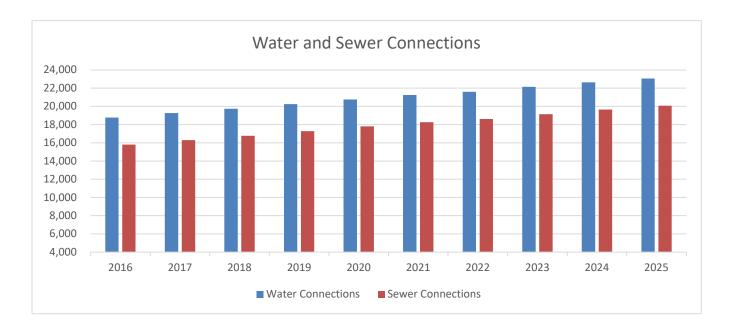
Operating Revenues and Expenses

Operating revenues totaled \$41,414,515 in fiscal year 2025, an increase of \$2,116,304 from 2024. Operating expenses totaled \$49,172,010 in 2025, an increase of \$5,283,199 largely driven by increases in purchased water and sewer treatment costs from the Rivanna Water and Sewer Authority (RWSA).

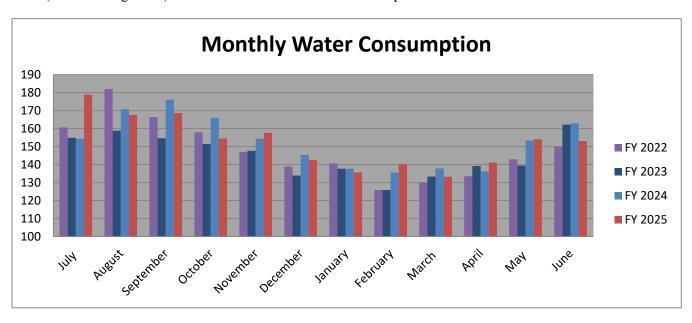
Review of Operations

The Authority's water customer base grew to 23,064 accounts by the end of the 2025 fiscal year, an increase from the prior year total of 22,640. Considering multiple units behind master meters, as in apartment complexes, the Authority now serves approximately 38,430 housing units, businesses, industries, and institutions, which is an increase of 3.1%.

The Authority's system grew in water connections for 2025 with 424 new connections. The connections for 2025 are 8% less than the Authority's ten-year average annual increase in new connections. Continued growth is attributable to the continued expansion of existing residential neighborhoods and continued commercial and multifamily development.



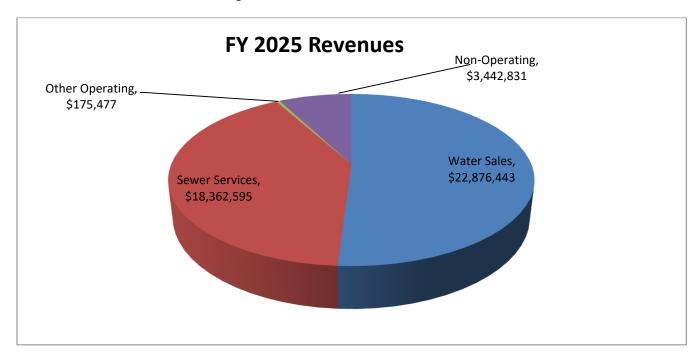
Billed water usage in fiscal year 2025 decreased by 16 million gallons as compared to fiscal year 2024. Billed water usage in fiscal year 2025 was 1.80 billion gallons and was 0.9% less than billed water usage in fiscal year 2024 (1.81 billion gallons). Seasonal variations in water consumption can be seen in the chart below.



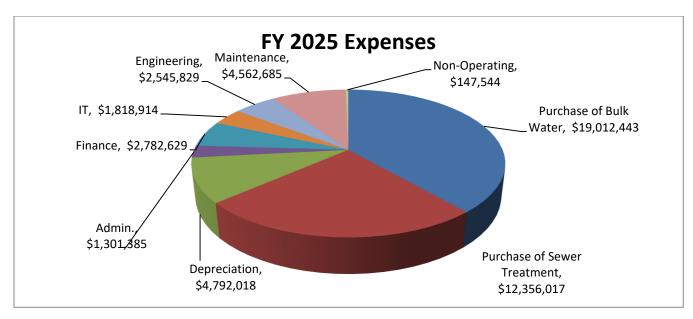
The Authority's wastewater customer base grew to 20,076 by the end of the fiscal year, up from 19,650 connections at the end of the fiscal year 2024. Billed wastewater collections decreased by nearly 11 million gallons as compared to fiscal year 2024. Billed wastewater collections in fiscal year 2025 was 1.56 billion gallons and 0.7% less than billed wastewater collections in fiscal year 2024 (1.57 billion gallons). Seasonal variations in wastewater collections can be seen in the chart below.



Revenues. Revenues for fiscal year 2025 increased in comparison with fiscal year 2024. Total revenues for 2025 were \$44,857,346 as compared to \$42,549,804 in 2024, a 5.4% increase year to year. This increase is due largely to increases in water/sewer rates charged to customers.



Expenses. Total expenses for fiscal year 2025 were \$49,319,554 as compared to \$44,652,418 in 2024, a 10.5% increase, which was primarily due to increases in the cost of purchased water/wastewater treatment from the Rivanna Water and Sewer Authority and increases in departmental expenses. In 2025, the total cost of purchased water was \$19,012,443 which is 16.9% greater than the 2024 total of \$16,266,189. The total cost of sewer treatment in fiscal year 2025 was \$12,356,107 and increased 9.2% in comparison to fiscal year 2024. These costs are based on a variety of factors and can vary significantly based upon Authority consumption for a given period and the Authority's proportional allocation of costs based on our flow in comparison to the Authority's water/wastewater treatment provider's other customer. The increases in RWSA expenses were largely driven by RWSA's cost allocation which is calculated using Authority and the City of Charlottesville billed consumption, continued investment in water/wastewater infrastructure, and operational cost increases.



CAPITAL ASSET AND DEBT ADMINISTRATION

Capital Assets. The Authority's investment in capital assets as of June 30, 2025, amounted to \$193,016,115 (net of accumulated depreciation). This investment in capital assets includes land, structures and improvements, equipment, construction in progress, leased equipment, and subscription assets. The total increase in the Authority's investment in capital assets for the current fiscal year was 4.3%. Additional information related to capital assets can be found in Note 4.

Capital Assets

	2025	2024		
Land (including easements)	\$ 1,914,876	\$ 1,914,876		
Structures and improvements	242,438,351	236,617,809		
Equipment	7,262,818	6,532,254		
Equipment - Leases	51,124	56,744		
Subscription right-to-use	231,119	231,119		
Construction in progress	18,888,152	13,011,706		
Total book value Less accumulated depreciation	270,786,440	258,364,508		
and amortization	(77,770,325)	(73,227,638)		
Net capital assets	\$ 193,016,115	\$ 185,136,870		

Long-Term Debt. Outstanding debt includes one Taxable Water and Sewer System Revenue Refunding Bond that was issued in August of 2021 (refunded the Water and Sewer System Revenue Bond (Taxable – Build America Bond) that was issued in November of 2010) for \$4,495,000. Revenue bond coverage, the ratio of gross revenues less direct operational expenses to debt service requirements, was 22.28 in fiscal year 2025. The minimum coverage required by outstanding bond indentures is 1.20. At June 30, 2025, outstanding long-term debt of the refunded bond, including the current amount payable, totaled \$2,975,000. Details of this indebtedness may be found in Note 5 of the financial statements. The refunding issuance resulted in a realized net budgetary savings of \$1,242,262.

RESERVES

Operating Reserve. The Authority has established an operating reserve to provide funds for minor unplanned repairs or significant cash outlays. This type of reserve is also valuable when less than anticipated water consumption occurs, during unusually wet years (less outdoor watering occurs), which generally results in less revenue. As part of the budgeting process, a review of the reserve is performed. This reserve, combined with the 3R Reserve, the Capacity/System Development Reserve and unrestricted cash and investments is to maintain a day's cash on hand floor of 270 days of operating expenses as calculated from the previous fiscal year. Water and wastewater rates are to be set accordingly to ensure these reserves maintain this 270-day target.

Capital Costs and 3R Reserve. The Authority has established a Repair, Replacement and Rehabilitation (3R) Reserve to provide funds to pay for unexpected major repairs and planned replacement or rehabilitation of equipment or other major capital assets. This reserve is calculated based on the estimated useful life and replacement cost of equipment held by the Authority. For fiscal year 2025, the Authority budgeted \$373,000 for this purpose.

Capacity and System Development Reserve. The Authority has established a Capacity and System Development Reserve to provide funds for capacity or growth-related system development costs or charges. These reserves are funded by the RWSA Capacity Charge and the ACSA System Development Charge which have been designed to offset growth related capital costs of backbone capacity in the ACSA water and sewer system and costs associated with the RWSA's charges to the ACSA that are related to increases in capacity.

LONG-TERM TRENDS

Operations. Careful planning and budgeting in combination with the use of established reserves has been a stabilizing factor in our rate-setting process for many years. This process has allowed our customers (through the years) to realize relatively low rates for the provision of their water and sewer service, particularly as compared to other regional utilities.

With new development, in combination with aging infrastructure, comes the challenge of meeting both the water supply and the sewer treatment needs and requirements of the growing Albemarle community. Since the Authority employs a "pay-as-you-go" methodology of recovering the costs of operations and most capital projects, increased costs will be passed on to our customers through higher rates and fees. Current customers bear the current cost of operations, while future customers, through new development, bear the cost of expansion through connection, development, and capacity fees.

The Authority team is actively engaged in the development of a long-term financial plan which will focus on financial sustainability and affordability for our customers while continuing to address infrastructure and operational needs.

Capital Program. Water capital improvement project projections per year for the next five years range from \$7,400,000 to \$12,900,000 and sewer capital improvement project cost projections per year for the next five years range from \$1,900,000 to \$10,400,000, and facility/non-utility capital project projections per year for the next five years range from \$100,000 - \$8,600,000. The Authority intends to fund these projects using established reserves while evaluating possible debt funding opportunities.

Requests for Information. This financial report is designed to provide a general overview of the Albemarle County Service Authority's finances. Questions concerning any of the information provided in this report or requests for additional financial information should be addressed to the Finance Department at 168 Spotnap Road, Charlottesville, Virginia 22911, through our website www.serviceauthority.org or by telephone (434) 977-4511.

BASIC FINANCIAL STATEMENTS

ALBEMARLE COUNTY SERVICE AUTHORITY STATEMENT OF NET POSITION June 30, 2025

Exhibit 1

June 30, 2023	2025	(For Comparative Purposes Only) 2024
ASSETS		
Current assets		
Cash and cash equivalents (Note 2)	\$ 26,384,489	\$ 29,934,220
Accounts receivable, net (Note 3)	6,037,392	6,046,030
Lease receivable (Note 3)	17,342	18,418
Inventory	686,105	835,623
Prepaids	503,813	346,047
Cash and cash equivalents, restricted (Notes 1,2)	798,092	758,057
Total current assets	34,427,233	37,938,395
Noncurrent assets		
Investments (Note 2)	33,042,180	31,405,020
Non-current lease receivable (Note 3) Capital assets: (Note 4)	12,052	27,742
Nondepreciable	20,803,028	14,926,582
Depreciable and amortizable, net	172,213,087	170,210,288
Total noncurrent assets	226,070,347	216,569,632
Total assets	260,497,580	254,508,027
DEFERRED OUTFLOWS OF RESOURCES		
Deferred charges on refunding	9,146	10,671
Deferred outflows related to pensions (Note 7)	1,985,199	1,019,374
Deferred outflows related to other postemployment benefits (Notes 8,9)	231,886	136,668
Total deferred outflows of resources	2,226,231	1,166,713
LIABILITIES		
Current liabilities	4.702.269	4.060.025
Accounts payable Accrued liabilities	4,703,368 13,535	4,060,035 21,582
Customer deposits	316,920	298,114
Interest payable	38,117	28,956
Compensated absences (Note 5)	323,315	320,015
Unearned revenues	3,406,210	3,511,903
Other post-employment benefits liability due in one year (note 9)	17,933	50,989
Current maturities of long-term debt (Note 5) Total current liabilities	543,978 9,363,376	8,897,138
	7,303,370	0,077,130
Long-term liabilities Commonsted observes (Note 5)	1,712,089	1,617,733
Compensated absences (Note 5) Net pension liability (Note 7)	4,150,155	3,030,688
Net other post-employment benefits liability (Notes 8,9)	1,233,560	1,037,734
Long-term debt – due in more than one year (Note 5)	3,038,800	3,582,778
Total long-term liabilities	10,134,604	9,268,933
Total liabilities	19,497,980	18,166,071
DEFERRED INFLOWS OF RESOURCES		
Deferred inflows related to pensions (Note 7)	566,156	294,420
Deferred inflows related to other postemployment benefits (Notes 8,9) Deferred inflows - leases (Note 3)	294,002 27,813	460,562 44,148
Total deferred inflows of resources	887,971	799,130
NET POSITION		
Net investment in capital assets	187,525,026	178,591,470
Restricted for debt service	337,603	331,089
Unrestricted	54,475,231	57,786,980
Total net position	\$ 242,337,860	\$ 236,709,539

ALBEMARLE COUNTY SERVICE AUTHORITY

STATEMENT OF REVENUES, EXPENSES, AND CHANGES IN FUND NET POSITION Year Ended June 30, 2025

	2025	(For Comparative Purposes Only) 2024
OPERATING REVENUES	Φ 22.07.6.442	ф. 21 710 777
Water sales	\$ 22,876,443	\$ 21,719,767
Sewer service Water and sewer connection fees	18,362,595	17,399,595
water and sewer connection lees	175,477	178,849
Total operating revenues	41,414,515	39,298,211
OPERATING EXPENSES		
Purchase of bulk water (Note 10)	19,012,443	16,266,189
Purchase of sewer treatment (Note 10)	12,356,107	11,319,500
Depreciation and amortization	4,792,018	4,354,813
Administration	1,301,385	1,179,165
Engineering	2,545,829	2,233,966
Finance	2,782,629	2,708,841
Information Technology	1,818,914	1,610,566
Maintenance	4,562,685	4,215,771
Total operating expenses	49,172,010	43,888,811
Operating loss	(7,757,495)	(4,590,600)
NONOPERATING REVENUES (EXPENSES)		
Miscellaneous revenues	546,330	424,691
Lease Revenue - GASB 87	16,335	16,334
Lease/Subscription interest expense	(2,260)	(4,421)
Investment income	2,880,166	2,810,568
Miscellaneous expenses	(71,255)	(676,936)
Bond interest charges	(74,029)	(82,250)
Total nonoperating revenues (expenses)	3,295,287	2,487,986
Loss before capital contributions	(4,462,208)	(2,102,614)
CAPITAL CONTRIBUTIONS (Note 6)	10,090,529	10,495,354
Change in net position	5,628,321	8,392,740
NET POSITION – BEGINNING AT JULY 1, as restated (Note 14)	236,709,539	228,316,799
NET POSITION – ENDING AT JUNE 30	\$ 242,337,860	\$ 236,709,539

Exhibit 3

ALBEMARLE COUNTY SERVICE AUTHORITY

STATEMENT OF CASH FLOWS Year Ended June 30, 2025

	2025	(For Comparative Purposes Only) 2024
OPERATING ACTIVITIES Cash received from customers Cash paid for goods and services Cash paid to employees Other receipts	\$ 41,628,912 (34,234,706) (8,782,002) 545,519	\$ 38,220,407 (32,746,840) (8,353,476) 423,433
Net cash (used in) operating activities	(842,277)	(2,456,476)
CAPITAL AND RELATED FINANCING ACTIVITIES Capital contributed by developers, customers, and local governments Principal collected on leases Acquisition of capital assets Principal paid on long-term borrowings Interest paid on long-term borrowings Proceeds from sale of capital assets	8,480,456 16,766 (11,820,740) (505,784) (165,363) 84,240	11,347,105 15,697 (7,308,224) (483,169) (192,701) 28,242
Net cash provided by (used in) capital and related financing activities	(3,910,425)	3,406,950
INVESTING ACTIVITIES Purchase of investment securities Proceeds from sale and maturity of investment securities Interest received	(21,030,901) 17,848,374 4,425,533	(23,717,083) 22,624,274 2,299,029
Net cash provided by investing activities	1,243,006	1,206,220
Net increase (decrease) in cash and cash equivalents	(3,509,696)	2,156,694
CASH AND CASH EQUIVALENTS Beginning at July 1	30,692,277	28,535,583
Ending at June 30	\$ 27,182,581	\$ 30,692,277
RECONCILIATION TO STATEMENT OF NET POSITION Cash and cash equivalents Cash and cash equivalents, restricted	\$ 26,384,489 798,092 \$ 27,182,581	\$ 29,934,220 758,057 \$ 30,692,277

(Continued)

Exhibit 3

ALBEMARLE COUNTY SERVICE AUTHORITY

STATEMENT OF CASH FLOWS Year Ended June 30, 2025

	2025		r Comparative rposes Only) 2024
RECONCILIATION OF OPERATING LOSS TO			
NET CASH USED IN OPERATING ACTIVITIES			
Operating loss	\$ (7,757,495)	\$	(4,590,600)
Adjustments to reconcile operating loss to net cash			
used in operating activities:			
Depreciation and amortization	4,792,018		4,354,813
Excess of employer contributions over pension expense	425,378		316,743
Excess of employer contributions over other			
postemployment benefits expense	(99,008)		(165,560)
Other nonoperating revenues/expenses	407,447		349,462
Change in assets and liabilities:			
(Increase) decrease in:			
Accounts receivable	8,638		(960,612)
Inventory	149,518		(266,928)
Prepaids	(157,766)		(68,946)
Increase (decrease) in:			// -
Accounts payable	1,093,625		(1,295,051)
Accrued liabilities	(8,047)		(102,580)
Customer deposits	18,806		13,913
Compensated absences	97,656		89,975
Unearned connection fees	 186,953	-	(131,105)
Net cash used in operating activities	\$ (842,277)	\$	(2,456,476)
NONCASH CAPITAL, INVESTING AND RELATED FINANCING ACTIVITIES			
Contributions of capital assets	\$ 1,317,427	\$	842,890
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Capital asset additions financed by accounts payable	\$ 1,917,457	\$	2,367,749
Increase (decrease) in fair value of investments	\$ (1,545,367)	\$	511,539

Note 1. Summary of Significant Accounting Policies

(a) Reporting Entity

The Albemarle County Service Authority (the Authority) was created by a resolution of the Board of Supervisors (BOS) of Albemarle County, Virginia (the County) in April 1964. The Authority is chartered by the State Corporation Commission and is an independent public body responsible for undertaking projects as may be specified for the distribution and sale of potable water to retail customers and for the collection of wastewater from retail customers and delivery of such wastewater to the Rivanna Water and Sewer Authority (RWSA). The management of the Authority is vested in a board of six members appointed by the County's BOS.

To determine the appropriate reporting entity for the Authority, its relationship with the County was considered. Although the members of the Authority's Board of Directors are appointed by the Board of County Supervisors, the County is not financially accountable for the Authority. In addition, there is no potential for the Authority to provide specific financial benefits to, or impose specific financial burdens on, the County, and the Authority is not fiscally dependent on the County. Accordingly, based on these criteria, the Authority is not included as a component unit in the County's financial statements.

The following is a summary of the Authority's significant accounting policies:

(b) Basis of Presentation and Accounting

The accounting policies of the Authority conform to accounting principles generally accepted in the United States of America as applicable to enterprise funds of governmental units. An enterprise fund is a proprietary-type fund used to account for operations that are financed and operated in a manner similar to private business enterprises. The Authority's intent is that the costs of providing goods or services to customers on a continuing basis be financed or recovered primarily through user charges. Periodic determination of revenues earned, expenses incurred, and/or changes in net position is appropriate for capital maintenance, public policy, management control and accountability.

The Authority follows the accrual basis of accounting. Under this basis of accounting, revenue is recognized when earned and expenses are recorded when incurred. Operating revenues and expenses consist of those revenues and expenses that result from the ongoing principal operations of the Authority. Operating revenues consist primarily of charges for water consumption and wastewater treatment. Operating expenses consist of bulk water purchases, sewer treatment, administrative expenses, and depreciation of capital assets. Non-operating revenues and expenses consist of those revenues and expenses that are related to financing and investing type activities and result from non-exchange transactions or ancillary services.

When an expense is incurred for purposes in which both restricted and unrestricted net assets are available, it is the Authority's policy to first apply restricted resources.

Note 1. Summary of Significant Accounting Policies (Continued)

(c) Cash and Investments

Cash and temporary investments include amounts in demand deposits as well as short-term investments with an original maturity of three months or less.

Restricted cash and temporary investments include amounts held in money market funds as well as short-term investments with an original maturity of three months or less. These amounts consist of reserves for debt service and deposits from customers for service.

Investments include United States government, agency obligations of the Commonwealth of Virginia and its subdivisions, municipal bonds, and commercial paper. All investments are stated at fair value. Interest income from investments is recorded in the year earned.

(d) Fair Value Measurements

The Authority categorizes its fair value measurements within the fair value hierarchy established by generally accepted accounting principles. The hierarchy is based on the valuation inputs used to measure the fair value of the asset and are described as follows:

- Level 1 inputs are quoted prices in active markets for identical assets.
- Level 2 inputs are significant other observable inputs.
- Level 3 inputs are significant unobservable inputs.

(e) Accounts Receivable

All continuing service receivables are recognized when earned, net of an allowance for uncollectible accounts of \$100,000 at June 30, 2025.

An estimated amount has been recorded for services rendered but not yet billed as of the close of the fiscal year.

(f) Inventory

Inventory is valued using the weighted-average method. Inventories are recorded as an operating expense when consumed rather than when purchased.

(g) Restricted Assets

Restricted assets represent resources designated for specific purposes and include developers' advances and customer deposits.

Note 1. Summary of Significant Accounting Policies (Continued)

(h) Capital Assets

The Authority capitalizes all property and permanent right-of-way easements, equipment, infrastructure assets, leases, and subscription assets with a cost greater than \$5,000 and an estimated useful life of more than one year.

Capital assets are stated at historical cost. Donated assets are recorded at acquisition value at the time received. Expenses for repairs and upgrading which materially add to the value or life of an asset are capitalized. Other maintenance and repair costs are expensed as incurred.

Depreciation and amortization for both purchased and contributed assets is recorded as depreciation and amortization expense on a straight-line basis over the following estimated useful lives:

Land improvements	10-20 years
Structures and improvements	10-60 years
Equipment	3-10 years

Intangible right of use leased assets are capitalized when the total amount of payments over the life of the contract exceed \$50,000 and assets are amortized over the shorter of the lease term or useful life of the underlying asset using the straight-line method. In leases where a purchase option is reasonably certain of being exercised, the asset is amortized over the useful life, unless the underlying asset is non-depreciable, in which the intangible right of use leased asset is not amortized.

Intangible right of use subscription assets are recorded under GASB Statement No. 96 Subscription-Based Information Technology Arrangements (SBITAs), net of accumulated amortization. SBITAs are capitalized when the total amount of payments over the life of the contract exceed \$50,000 and are amortized over the shorter of the subscription term or the useful life of the underlying IT asset.

Capital assets, which include lease and subscription assets, are reported in the financial statements.

(i) Construction in Progress

Construction in progress includes design and construction costs that accumulate until completion of the respective project, at which time the total cost is transferred to depreciable capital assets.

(j) Compensated Absences

The Authority recognizes a liability for compensated absences for leave time that (1) has been earned for service previously rendered by employees, (2) accumulates and is allowed to be carried over to subsequent years, and (3) is more likely than not to be used as time off or settled during or upon separation from employment. Based on the criteria listed, two types of leave qualify for liability recognition for compensated absences – annual and sick leave. The liability for compensated absences includes salary-related benefits, where applicable.

Annual Leave – Employees of the Authority are granted annual leave in varying amounts based on years of service. In the event of termination, an employee is reimbursed for accumulated annual leave in full.

Note 1. Summary of Significant Accounting Policies (Continued)

Sick Leave – Employees of the authority are granted sick leave which accumulates but is not paid out upon an employee's separation of employment. The amount of sick leave that can be accumulated and carried to future years for employee's is capped based on their classification as a Plan 1, Plan 2, or Hybrid employee in Virginia Retirement System (VRS). The Authority uses a five-year look-back period to estimate the amount of sick leave that has been earned and will be used as sick leave over the employee's service period.

(k) Unearned Revenues

Unearned connection fees consist of advances to the Authority under prescribed conditions by developers in exchange for credit vouchers to be used to pay facility fees (both water and sewer) in order to connect to the Authority's system. The Authority recognizes the revenue when the credit voucher is redeemed. Also included in unearned revenues are over payments by customers that will be recognized as revenue as charges for water/sewer treatment are incurred.

(1) Deferred outflows/inflows of resources

In addition to assets, the statement that presents net position reports a separate section for deferred outflows of resources. These items represent a consumption of net assets that applies to future periods and so will *not* be recognized as an outflow of resources (expense) until then.

In addition to liabilities, the statement that presents financial position reports a separate section for deferred inflows of resources. These items represent an acquisition of net assets that applies to future periods and so will not be recognized as an inflow of resources (revenue) until that time.

The Authority has the following items that qualify for reporting as deferred inflows or outflows:

- Contributions subsequent to the measurement date for pensions and OPEB are always a
 deferred outflow; this will be applied to the net pension or OPEB liability in the next fiscal
 year.
- Differences between expected and actual experience for economic/demographic factors and changes of assumptions in the measurement of the total pension or OPEB liability. This difference will be recognized in pension or OPEB expense over the expected average remaining service life of all employees provided with benefits in the plan and may be reported as a deferred inflow or outflow as appropriate.
- Difference between projected and actual earnings on pension and OPEB plan investments. This difference will be recognized in pension or OPEB expense over the closed five-year period and may be reported as a deferred outflow or inflow as appropriate.
- Changes in proportionate share that will be recognized in the OPEB expense over the average expected remaining service lives of all employees provided with benefits. This may be reported as a deferred outflow or deferred inflow as appropriate.
- Lease-related amounts are recognized at the inception of leases in which the Authority is lessor. The deferred inflow of resources is recorded in an amount equal to the corresponding lease receivable plus certain additional amounts received from the lessee at or before commencement of the lease term that relates to future periods, less any lease incentives paid to on behalf of, the lessee at or before the commencement of the lease term. The inflow of resources is recognized in a systematic and rational manner over the term of the lease.

Note 1. Summary of Significant Accounting Policies (Continued)

(m) Pensions and Other Postemployment Benefits (OPEB)

For purposes of measuring all financial statement elements related to pensions and OPEB plans information about the fiduciary net position of the Authority's Retirement Plan and the additions to/deductions from the Authority's Plans net fiduciary position have been determined on the same basis as they were reported by the Virginia Retirement System (VRS). For this purpose, benefit payments (including refunds of employee contributions) are recognized when due and payable in accordance with the benefit terms. Investments are reported at fair value.

(n) Net Position

Net position is the difference between assets and deferred outflows of resources and liabilities and deferred inflows of resources. Net investment in capital assets represents capital assets, less accumulated depreciation, less any outstanding debt related to the acquisition, construction, or improvement of those assets. Net investment in capital assets excludes unspent debt proceeds. Net position is reported as restricted when there are limitations imposed on its use either through the enabling legislation adopted by the Authority or through external restrictions imposed by creditors, grantors, or laws or regulations of other governments.

(o) Capital Contributions

Capital contributions are recorded for the receipt of funds, property, lines and improvements by developers, customers, or other governments.

(p) Comparative Information

The basic financial statements include certain prior year summarized comparative information in total, but not at the level of detail required for a presentation in conformity with generally accepted accounting principles. Accordingly, such information should be read in conjunction with the Authority's financial statements for the prior year from which the summarized information was derived.

(q) Estimates

The preparation of the financial statements in conformity with accounting principles generally accepted in the United States of America requires management to make estimates and assumptions that affect the reported amounts of assets, liabilities, the disclosure of contingent assets and liabilities at the date of the financial statements, and the reported amounts of revenues and expenses during the reporting period. Actual results could differ from those estimates.

Note 1. Summary of Significant Accounting Policies (Continued)

(r) Accounting Pronouncements

In April 2024, the GASB issued **Statement No. 103**, *Financial Reporting Model Improvements*. This statement improves key components of the financial reporting model to enhance its effectiveness in providing information that is essential for decision making and assessing a government's accountability as well as addresses certain application issues. The requirements of this Statement are effective for reporting periods beginning after June 15, 2025.

In September 2024, the GASB issued **Statement No. 104**, *Disclosure of Certain Capital Assets*. This statement requires certain information regarding capital assets to be presented by major class. Certain types of capital assets are to be disclosed separately in the capital asset notes required by Statement No. 34. The requirements of this Statement are effective for reporting periods beginning after June 15, 2025.

Management has not determined the effects these new GASB Statements may have on prospective financial statements.

Note 2. Deposits and Investments

Deposits

Deposits with banks are covered by the Federal Deposit Insurance Corporation (FDIC) and collateralized in accordance with the Virginia Security for Public Deposits Act (the "Act") Section 2.2-4400 et. seq. of the *Code of Virginia*. Under the Act, banks and savings institutions holding public deposits in excess of the amount insured by the FDIC must pledge collateral to the Commonwealth of Virginia Treasury Board. Financial institutions may choose between two collateralization methodologies and depending upon that choice, will pledge collateral that ranges in the amounts from 50% to 130% of excess deposits. Accordingly, all deposits are considered fully collateralized.

Investments

Statutes authorize local governments and other public bodies to invest in obligations of the United States or agencies thereof, obligations of the Commonwealth of Virginia or political subdivisions thereof, obligations of the International Bank for Reconstruction and Development (World Bank), the Asian Development Bank, the African Development Bank, "prime quality" commercial paper and certain corporate notes, banker's acceptances, repurchase agreements, and the State Treasurer's Local Government Investment Pool (LGIP).

The fair value of the position in LGIP is the same as the value of the pool shares. As the pool is not SEC registered, regulatory oversight of the pool rests with the Virginia State Treasury. LGIP maintains a policy to operate in a manner consistent with GASB Statement No. 79. Due to the nature of LGIP, it is considered a cash and cash equivalent on the Statement of Net Position.

The Authority's investments are subject to interest rate, credit, concentration of credit, and custodial credit risk as described herein.

The Authority has recurring fair value measurements as of June 30, 2025. Those include U. S. Bonds, Municipal Notes, and Commercial Paper classified in Level 2 of the fair value hierarchy and valued using prices quoted in active markets for those bonds.

Note 2. Deposits and Investments (Continued)

Interest rate risk: Interest rate risk is the risk that the fair value of the securities in the portfolio will decline due to rising interest rates. Investments are limited to a maximum maturity of five (5) years from the transaction settlement date (with the exception of Agency Mortgage-Backed Securities ("MBS") which must have a weighted average life ("WAL") of no more than five (5) years). To manage the volatility of the Investment Portfolio, the Director of Finance shall determine an appropriate duration or weighted average maturity ("WAM") target for each component of the Investment Portfolio. At no time shall the duration or WAM of any component of the Investment Portfolio exceed three (3) years.

Credit risk: Credit risk is the risk of loss due to the failure of the security issuer or backer to repay its obligations and may also apply where there is a loss of fair value of the investment due to a deterioration of an issuer's credit rating.

Concentration of credit risk: Concentration of credit risk is the risk of loss attributed to the magnitude of investments held from a single issuer. The Authority's investment portfolio as of June 30, 2025, is concentrated in securities issued by the U.S. Treasury (40.6%), Federal Agency Mortgage-Backed Securities (0.8%), Federal Agency Collateralized Mortgage Obligations (0.1%), Federal Agency Commercial Mortgage-Backed Security (13.0%), Supranational (1.2%), Municipal Notes (2%), Commercial Paper (10.5%), Certificate of Deposit (11.3%), Corporate Note (19.9%) and Money Market (0.6%).

The table below details the fair value and rating as determined by Standard & Poor's for each issuer of the Authority's investments as well as deposits, as of June 30, 2025:

	 Deposits and Investments										
	AAA	A-1	+/A-1		A +/ A	AA+/AA/AA-	A	AAm	De	posits	Total
U.S. Treasury	\$ -	\$	-	\$	-	\$13,497,215	\$	-	\$	-	\$13,497,215
Lcl Gov Inv Pool	-		-		-	-	18	,928,104		-	18,928,104
Fed Agency MBS	-		-		-	259,399		-		-	259,399
Fed Agency CMO	-		-		-	52,649		-		-	52,649
Fed Agency CM-BS	-		-		-	4,329,438		-		-	4,329,438
Supranational	396,044		-		-	-		-		-	396,044
Municipal	-		-		-	655,317		-		-	655,317
Commercial Paper	-	3,	496,594		-	-		-		-	3,496,594
Cert of Deposit	-	3,	742,752		-	-		-		-	3,742,752
Corporate Note	258,334		628,086	2,	,111,716	3,614,636		-		-	6,612,772
Money Mkt Fund	-		-		-	-		205,927		-	205,927
Cash Total Deposits and	 -								8,0	048,550	8,048,550
Investments	\$ 654,378	\$ 7,	867,432	\$ 2	,111,716	\$22,408,654	\$ 19	,134,031	\$ 8,	048,550	\$ 60,224,761

 Cash and cash equivalents, unrestricted
 \$26,384,489

 Cash an cash equivalents, restricted
 798,092

 Investments
 33,042,180

 Total Deposits and Investments
 \$60,224,761

Reconciliation of deposits and investments to Exhibit 1:

Note 2. Deposits and Investments (Continued)

	Investment Maturities							
	1 Year		3 Years	4 Years	5 Years	>5 Years		
U.S. Treasury	\$ -	\$ 7,760,027	\$ 5,737,188	\$ -	\$ -	\$ -		
Lcl Gov Inv Pool	18,928,104	-	-	-	-	-		
Fed Agency MBS	-	-	-	46,227	-	213,172		
Fed Agency CMO	-	-	-	-	-	52,649		
Fed Agency CM-BS	580,791	1,787,787	1,860,389	100,471	-	-		
Supranational	-	396,044	-	-	-	-		
Municipal	81,137	388,764	185,416	-	-	-		
Commercial Paper	3,496,594	-	-	-	-	-		
Cert of Deposit	3,742,752	-	-	-	-	-		
Corporate Note	2,084,766	2,016,777	2,511,229	-	-	-		
Money Mkt Fund	205,927	-	-	-	-	-		
Cash	8,048,550	-	-	-	-	-		
Total Deposits and								
Investments	\$ 37,168,621	\$ 12,349,399	\$10,294,222	\$ 146,698	\$ -	\$ 265,821		

Custodial credit risk: Custodial credit risk is the risk that the Authority will not be able to recover the value of its investments or collateral securities that are in the possession of an outside custodial party. All securities purchased by the Authority are held in safekeeping by a third-party custodial bank or institution in the Authority's name, and therefore, the Authority is not exposed to custodial credit risk.

Note 3. Accounts and Leases Receivable

Accounts receivable net of allowance consists of the following:

	 Billed		Unbilled	 Total	
Receivables, current:					
Water	\$ 1,637,619	\$	1,537,883	\$ 3,175,502	
Sewer	1,314,494		1,135,652	2,,450,146	
Other	 411,744			 411,744	
	\$ 3,363,857	\$	2,673,535	\$ 6,037,392	

An allowance for doubtful accounts has been established at June 30, 2025, to recognize estimates related to bad debt. For Fiscal Year 2025 and 2024, the allowance for doubtful accounts totals \$100,000 and \$50,000, respectively.

The Authority is a lessor for the use agreement with American Tower. This agreement will expire on March 13, 2027. An initial lease receivable was recorded in the amount of \$76,518. As of June 30, 2025, the value of the lease receivable is \$29,394. The lessee is required to make monthly fixed payments of \$1,535. The lease has an interest rate of 5%. The value of the deferred inflow of resources as of June 30, 2025, was \$27,813.

Note 4. Capital Assets

Changes in capital assets for the year are as follows:

	Balance July 1, 2024	Additions	Reductions/ Reclassifications	Balance June 30, 2025
Capital assets, not being depreciated				
Land and land rights	\$ 1,914,876	\$ -	\$ -	\$ 1,914,876
Construction in progress	13,011,706	10,540,256	(4,663,810)	18,888,152
Total capital assets, not being				
depreciated	14,926,582	10,540,256	(4,663,810)	20,803,028
Capital/intangible assets being depreciated and amortized				
Structures and improvements	236,617,809	5,820,542	-	242,438,351
Equipment	6,532,254	990,771	(260,207)	7,262,818
Equipment-leases	56,744	-	(5,620)	51,124
Subscription right-to-use assets	231,119			231,119
Total capital/intangible assets				
being depreciated	243,437,926	6,811,313	(265,827)	249,983,412
Less accumulated depreciation and amortization for:				
Structures and improvements	(68,500,382)	(4,269,860)	-	(72,770,242)
Equipment	(4,573,976)	(445,519)	244,139	(4,775,356)
Equipment-lease	(30,016)	(15,008)	5,192	(39,832)
Subscription right-to-use assets	(123,264)	(61,631)	· <u> </u>	(184,895)
Total accumulated				
depreciation/amortization	(73,227,638)	(4,792,018)	249,331	(77,770,325)
Total capital assets being depreciated/amortization, net	170,210,288	2,019,295	(16,496)	172,213,087
Total capital assets, net	\$ 185,136,870	\$ 12,559,551	\$ (4,680,306)	\$ 193,016,115

Construction commitments:

The Authority's active construction projects as of June 30, 2025, are as follows:

Project	S	pent-to-Date	Remaining Commitment
Water line replacements	\$	6,128,695	\$ 346,573
Wastewater line rehabilitations or relinings		228,040	211,962
Other		4,670,512	 12,885,277
	\$	11,027,247	\$ 13,443,812

Note 5. Long-Term Liabilities

Long-term liability activity for the year ended June 30, 2025, was as follows:

	Balance July 1, 2024*	Ad	ditions	Re	ductions	Balance June 30, 2025	Du	mounts e Within ne Year
Refunding bond	\$3,390,000	\$	_	(\$(415,000)	\$2,975,000		\$435,000
Issuance Premiums	698,320		-		(99,760)	598,560		99,760
Lease Equipment	24,278		_		(15,060)	9,218		9,218
Subscription Liability	75,724		-		(75,724)	_		-
Compensated absences**	1,937,748		97,656		<u> </u>	2,035,404		323,315
	\$ 6,126,070	\$	97,656	\$	(605,544) \$	5,618,182	\$	867,293

^{*}Balances have been restated as a result of GASB 101, Compensated Absences

A single revenue bond for \$10,357,000 was issued as a Build America Bond (BAB) on November 1, 2010. Proceeds from the sale were used to (1) provide new money funding for the North Fork Regional Pump Station project and to (2) pay the cost of issuance. This issuance was refunded on July 21, 2021, through the Virginia Resources Authority (VRA) and its 2021B Pooled Bond issuance. All water and sewer revenues are pledged equally and ratably to secure payment of the principal and interest on the revenue bond. This Bond bears interest at the rate of 5.125%, payable semiannually.

The revenue bond, equipment lease, and subscription liability debt service requirements to maturity are as follows:

Fiscal Year		Revenue Bond			Le	ease	S	
Ending June 30,	_	Principal	_	Interest	_	Principal		Interest
2026	\$	435,000	\$	141,322	\$	9,218	\$	53
2027		460,000		118,388		-		-
2028		480,000		94,300		-		-
2029		505,000		69,059		-		-
2030		535,000		42,409		-		-
2031-2035	_	560,000	_	14,350	_	-	_	
	\$	2,975,000	\$	479,828	\$	9,218	\$	53

Lease Liability:

VA Carrol Creek CCI 801475 - Tower Site

The Authority is the lessee for land use at VA Carroll Creek CCI 801475. An initial lease liability was recorded in the amount of \$21,502. As of June 30, 2025, the value of the lease liability is \$2,248. The Authority is required to make fixed monthly payments of \$500 through October 31, 2025, which increases by 4% each year. The Authority uses their incremental borrowing rate to measure their lease liability.

^{**}The change in compensated absences above is a net change for the year.

Note 5. Long-Term Liabilities – Lease Liability (Continued)

Norfolk Southern - Tower Site

The Authority is the lessee for land use at Norfolk Southern. An initial lease liability was recorded in the amount of \$26,024. As of June 30, 2025, the value of the lease liability is \$6,970. The Authority is required to make a fixed annual payment of \$6,490 through November 26, 2026. The Authority uses their incremental borrowing rate to measure their lease liability.

Subscription Liability:

The Authority has a subscription liability for a software platform expiring in 2026. The value of the right-to-use subscription asset and related accumulated amortization as of year-end is disclosed in Note 4. As of June 30, 2025, the Authority had no remaining payments to be made on the subscription required from the original contract. The Authority uses its estimated incremental borrowing rate as the discount rate for subscriptions.

Debt covenants and Federal arbitrage regulations:

The Authority is required to deliver to the Trustee for deposit both interest and principal amounts as prescribed in the Agreement of Trust. The Authority is in compliance with these covenants.

The Authority is required to adhere to the rebate and reporting requirements of the federal tax code pertaining to arbitrage. The Authority is in compliance with federal arbitrage regulations. Any potential liabilities arising from arbitrage have been deemed immaterial in relation to the financial statements.

Note 6. Capital Contributions

Capital contributions for the year are summarized as follows:

Developer and customer contributions of capital assets	\$ 1,317,427
Crozet water and sewer – System/capacity fees	1,659,620
Urban water and sewer – System/capacity fees	6,963,470
North Fork Regional Pump Station Special rate district fee	 150,012
	\$ 10,090,529

Note 7. Defined Benefit Pension Plan

Plan Description

All full-time, salaried permanent employees of Albemarle County Service Authority, (the "Political Subdivision") are automatically covered by VRS Retirement Plan upon employment. This multi-employer agent plan is administered by the Virginia Retirement System ("VRS" or the "System") along with plans for other employer groups in the Commonwealth of Virginia. Members earn one month of service credit for each month they are employed and for which they and their employer pay contributions to VRS. Members are eligible to purchase prior service, based on specific criteria as defined in the *Code of Virginia*, as amended. Eligible prior service that may be purchased includes prior public service, active military service, certain periods of leave, and previously refunded service.

Note 7. Defined Benefit Pension Plan (Continued)

The System administers three different benefit structures for covered employees – Plan 1, Plan 2, and Hybrid. Each of these benefits structures has different eligibility criteria. The specific information for each plan and the eligibility for covered groups within each plan are available at:

- https://www.varetire.org/retirement-plans/defined-benefit/plan1/
- https://www.varetire.org/retirement-plans/defined-benefit/plan2/
- https://www.varetirement.org/hybrid.html .

Employees Covered by Benefit Terms

As of the June 30, 2023, actuarial valuation, the following employees were covered by the benefit terms of the pension plan:

	Number
Inactive members or their beneficiaries currently receiving benefits	46
Inactive members:	
Vested inactive members	16
Non-vested inactive members	31
Inactive members active elsewhere in VRS	16
Total inactive members	63
Active members	71
Total covered employees	180

Contributions

The contribution requirement for active employees is governed by §51.1-145 of the *Code of Virginia*, as amended, but may be impacted as a result of funding options provided to Political Subdivisions by the Virginia General Assembly. Employees are required to contribute 5.00% of their compensation toward their retirement.

The Political Subdivision's contractually required contribution rate for the year ended June 30, 2025, was 9.76% of covered employee compensation. This rate was based on an actuarially determined rate from an actuarial valuation as of June 30, 2023. The actuarial rate for the Political Subdivision's plan was 9.76%

This rate, when combined with employee contributions, was expected to finance the costs of benefits earned by employees during the year, with an additional amount to finance any unfunded accrued liability. Contributions to the pension plan from the Political Subdivision were \$639,687 and \$429,651 for the years ended June 30, 2025, and June 30, 2024, respectively.

Note 7. Defined Benefit Pension Plan (Continued)

The defined contributions component of the Hybrid plan includes member and employer mandatory and voluntary contributions. The Hybrid plan member must contribute a mandatory rate of 1% of their covered payroll. The employer must also contribute a mandatory rate of 1% of this covered payroll, which totaled \$22,928 for the year ended June 30, 2025. Hybrid plan members may also elect to contribute an additional voluntary rate of up to 4% of their covered payroll; which would require the employer a mandatory additional contribute rate up to 2.5%. This additional employer mandatory contribution totaled \$22,125 for the year ended June 30, 2025. The total Hybrid plan participant covered payroll totaled \$2,381,736 for the year ended June 30, 2025.

Net Pension Liability

The net pension liability is calculated separately for each employer and represents that particular employer's total pension liability determined in accordance with GASB Statement No. 68, less that employer's fiduciary net position. For Political Subdivisions, the net pension liability was measured as of June 30, 2024. The total pension liability used to calculate the net pension liability was determined by an actuarial valuation performed as of June 30, 2023 rolled forward to the measurement date of June 30, 2024.

Actuarial Assumptions

The total pension liability for General Employees in the Political Subdivision's Retirement Plan was based on an actuarial valuation as of June 30, 2023, using the Entry Age Normal actuarial cost method and the following assumptions, applied to all periods included in the measurement and rolled forward to the measurement date of June 30, 2024.

Inflation 2.50%

Salary increases, including inflation 3.50 - 5.35%

Investment rate of return 6.75%, net of pension plan investment expense, including inflation

Mortality rates: General employees – 15% to 20% of deaths are assumed to be service related. Mortality is projected using the applicable Pub-2010 Mortality Table and a Modified MP-2020 Improvement Table with various setbacks or set forwards for both males and females.

The actuarial assumptions used in the June 30, 2023, valuation was based on the results of an actuarial experience study for the period from July 1, 2016, through June 30, 2020. Changes to the actuarial assumptions as a result of the experience study are as follows:

General Employees - Largest 10 – Non-Hazardous Duty and all Others (Non 10 Largest): Updated mortality table; adjusted retirement rates to better fit experience, adjusted withdrawal rates to better fit experience at each year age and service through 9 years of service; no change to disability rates; no change to salary scale, and no change to discount rate.

Note 7. Defined Benefit Pension Plan (Continued)

Long-Term Expected Rate of Return

The long-term expected rate of return on pension System investments was determined using a log-normal distribution analysis in which best-estimate ranges of expected future real rates of return (expected returns, net of pension System investment expense and inflation) are developed for each major asset class. These ranges are combined to produce the long-term expected rate of return by weighting the expected future real rates of return by the target asset allocation percentage and by adding expected inflation.

The target asset allocation and best estimate of arithmetic real rates of return for each major asset class are summarized in the following table:

Asset Class (Strategy)	Target Allocation	Arithmetic Long-Term Expected Rate of Return	Weighted Average Long-Term Expected Rate of Return
Public Equity	32.00 %	6.70 %	2.14 %
Fixed Income	16.00	5.40	0.86
Credit Strategies	16.00	8.10	1.30
Real Assets	15.00	7.20	1.08
Private Equity	15.00	8.70	1.31
PIP-Private Investment Partnership	1.00	8.00	0.08
Diversifying Strategies	6.00	5.80	0.35
Cash	2.00	3.00	0.06
Leverage	(3.00)	3.50	(0.11)
Total	100.00 %		7.07 %
* Expected arithm	netic nominal return		7.07 %

^{*}The above allocation provides for a one-year return of 7.07% (includes 2.50% inflation assumption). However, one-year returns do not take into account the volatility present in each of the asset classes. In setting the long-term expected rate of return for the System, stochastic projections are employed to model future returns under various economic conditions. The results provide a range of returns over various time periods that ultimately provide a median return of 7.10%, including expected inflation of 2.50%. On June 15, 2023, the VRS Board elected a long-term rate of 6.75% which is roughly at the 45th percentile of expected long-term results of the VRS fund asset allocation at that time, providing a median return of 7.14% including expected inflation of 2.50%.

Note 7. Defined Benefit Pension Plan (Continued)

Discount Rate

The discount rate used to measure the total pension liability was 6.75%. The projection of cash flows used to determine the discount rate assumed that System member contributions will be made per the VRS Statutes and the employer contributions will be made in accordance with the VRS funding policy at rates equal to the difference between actuarially determined contribution rates adopted by the VRS Board of Trustees and the member rate. For the year ended June 30, 2024, the employer contribution was 100% of the actuarially determined employer contribution rate from the June 30, 2023 actuarial valuations. From July 1, 2024, on, participating employers are assumed to continue to contribute 100% of the actuarially determined contribution rate. Based on those assumptions, the pension plan's fiduciary net position was projected to be available to make all projected future benefit payments of current active and inactive employees. Therefore the long-term expected rate of return was applied to all periods of projected benefit payments to determine the total pension liability.

Changes in Net Pension Liability

Changes in Net I childh Liabhity	Increase (Decrease)					
		Total Pension Liability (a)		Plan Fiduciary Net Position (b)		Net Pension Liability (a) – (b)
Balances at June 30, 2023	\$	23,821,018	\$	20,790,330	\$	3,030,688
Changes for the year:						
Service cost		459,211		-		459,211
Interest		1,591,397		-		1,591,397
Benefit changes		-		-		-
Assumption changes		-		-		-
Differences between expected						
and actual experience		1,743,112		-		1,743,112
Contributions – employer		-		411,892		(411,892)
Contributions – employee		-		281,764		(281,764)
Net investment income		-		1,993,685		(1,993,685)
Benefit payments, including refunds						
of employee contributions		(1,407,966)		(1,407,966)		-
Administrative expenses		-		(13,494)		13,494
Other changes				406		(406)
Net changes		2,385,754		1,266,287		1,119,467
Balances at June 30, 2024	\$	26,206,772	\$	22,056,617	\$	4,150,155

Note 7. Defined Benefit Pension Plan (Continued)

Sensitivity of the Net Pension Liability to Changes in the Discount Rate

The following presents the net pension liability of the Political Subdivision using the discount rate of 6.75%, as well as what the Political Subdivision's net pension liability would be if it were calculated using a discount rate that is one percentage point lower (5.75%) or one percentage point higher (7.75%) than the current rate:

	 1.00% Decrease (5.75%)	F	Current Discount Rate (6.75%)	 1.00% Increase (7.75%)
Political Subdivision's net pension liability (asset)	\$ 7,741,634	\$	4,150,155	\$ 1,233,722

<u>Pension Expense and Deferred Outflows of Resources and Deferred Inflows of Resources Related</u> to Pensions

For the year ended June 30, 2025, the Political Subdivision recognized pension expense of \$1,047,306. At June 30, 2025, the Political Subdivision reported deferred outflows of resources and deferred inflows of resources related to pensions from the following sources:

	`	Deferred Outflows of Resources	Ī	Deferred Inflows of Resources
Differences between expected and actual experience	\$	1,345,512	\$	-
Net difference between projected and actual earnings on pension plan investments		-		566,156
Employer contributions subsequent to the measurement date		639,687		
Total	\$	1,985,199	\$	566,156

Note 7. Defined Benefit Pension Plan (Continued)

<u>Pension Expense and Deferred Outflows of Resources and Deferred Inflows of Resources Related</u> to Pensions (Continued)

The \$639,687 reported as deferred outflows of resources related to pensions resulting from the Political Subdivision's contributions subsequent to the measurement date will be recognized as a reduction of the Net Pension Liability in the Fiscal Year ending June 30, 2026. Other amounts reported as deferred outflows of resources and deferred inflows of resources related to pensions will be recognized in pension expense as follows:

Year Ending June 30,	Effect on Pension Expense				
2026	\$	327,819			
2027		687,339			
2028		(112,826)			
2029		(122,976)			
2030		-			
Thereafter		-			

Pension Plan Data

Information about the VRS Political Subdivision Retirement Plans is also available in the separately issued VRS 2024 Annual Comprehensive Financial Report (Annual Report). A copy of the 2024 VRS Annual Report may be downloaded from the VRS website at https://www.varetire.org/pdf/Publications/2024-annual-report.pdf, or by writing to the System's Chief Financial Officer at P.O. Box 2500, Richmond, VA, 23218-2500.

Note 8. Other Postemployment Benefits Liability – Virginia Retirement System Plan

In addition to their participation in the pension plans offered through the Virginia Retirement System (VRS), the Authority also participates in a cost-sharing and agent multi-employer other postemployment benefit plan, described as follows.

Plan Descriptions

Group Life Insurance Program

All full-time employees of the Authority are automatically covered by the VRS Group Life Insurance (GLI) Program upon employment.

Note 8. Other Postemployment Benefits Liability – Virginia Retirement System Plan (Continued)

In addition to the Basic Group Life Insurance Benefit, members are also eligible to elect additional coverage for themselves as well as a spouse or dependent children through the Optional Group Life Insurance Program. For members who elect the optional group life insurance coverage, the insurer bills employers directly for the premiums. Employers deduct these premiums from members' paychecks and pay the premiums to the insurer. Since this is a separate and fully insured program, it is not included as part of the GLI Program OPEB.

Specific information for the GLI is available at at https://www.varetire.org/benefits-and-programs/benefits/life-insurance/.

The GLI is administered by the VRS along with pensions and other OPEB plans, for public employer groups in the Commonwealth of Virginia. This plan is considered a multiple-employer, cost-sharing plan.

Contributions

Contributions to the VRS OPEB program was based on actuarially determined rates from actuarial valuations as of June 30, 2023. The actuarially determined rates were expected to finance the cost of benefits earned by employees during the year, with an additional amount to fund any unfunded accrued liability. Specific details related to the contributions for the VRS OPEB program is as follows:

Group Life Insurance Program

Governed by:	Code of Virginia 51.1-506 and 51.1-508 and may
	be impacted as a result of funding provided to
	school divisions and governmental agencies by
	the Virginia General Assembly.
Total rate:	1.18% of covered employee compensation. Rate
	allocated 60/40; 0.71% employee and 0.41%
	employer. Employers may elect to pay all or part
	of the employee contribution.
June 30, 2025 Contribution	\$30,810
June 30, 2024 Contribution	\$32,349

Note 8. Other Postemployment Benefits Liability – Virginia Retirement System Plan (Continued)

OPEB Liabilities, OPEB Expense and Deferred Inflows and Outflows of Resources Related to OPEB

The net OPEB liabilities were measured as of June 30, 2024, and the total OPEB liabilities used to calculate the net OPEB liabilities was determined by an actuarial valuation performed as of June 30, 2023, and rolled forward to the measurement date of June 30, 2024. The covered employer's proportion of the net OPEB liabilities were based on the covered employer's actuarially determined employer contributions for the year ended June 30, 2024, relative to the total of the actuarially determined employer contributions for all participating employers.

Group Life Insurance Program

June 30, 2025 proportionate share of liability	\$ 260,345
June 30, 2024 proportion	.02333%
June 30, 2023 proportion	.02412%
June 30, 2025 expense	\$ 13,351

Since there was a change in proportionate share between measurement dates, a portion of the OPEB expense above was related to deferred amount from changes in proportion.

At June 30, 2025, the Authority reported deferred outflows of resources and deferred inflows of resources related to OPEB from the following sources.

Group Life Insurance Program	Deferred Outflows of Resources		Deferred Inflows of Resources	
Differences between expected and actual experience Change of assumptions	\$	41,062 1,484	\$	6,359 12,902
Net difference between projected and actual earnings on OPEB plan investments		_		21,944
Changes in proportionate share		15,852		8,202
Employer contributions subsequent to the measurement date		30,810		
Total	\$	89,208	\$	49,407

The deferred outflows of resources related to OPEB resulting from the Authority's contributions subsequent to the measurement date will be recognized as a reduction of the Net OPEB liability in the Fiscal Year ending June 30, 2026. Other amounts reported as deferred outflows of resources and deferred inflows of resources related to OPEB will be recognized in OPEB expense in future reporting periods as follows:

Note 8. Other Postemployment Benefits Liability – Virginia Retirement System Plan (Continued)

Group Life Insurance Program

Year Ended June 30,	to	Increase/(Reduction) to OPEB Expense	
2026	¢	(7.075)	
2026	\$	(7,075)	
2027		7,425	
2028		2,596	
2029		3,430	
2030		2,615	
Thereafter		_	

Actuarial Assumptions and Other Inputs

The total OPEB liability was determined using the following assumptions based on an actuarial valuation date of June 30, 2023, applied to all periods included in the measurement and rolled forward to the measurement date of June 30, 2024:

Inflation	2.50%
Salary increases, including inflation: • Locality- general employees	3.50 – 5.35%
Healthcare cost trend rates:Under age 65Ages 65 and older	7.25 - 4.25% 6.50 - 4.25%
Investment rate of return, net of expenses, including inflation	GLI: 6.75%

Mortality rates used for the various VRS OPEB plans are the same as those used for the actuarial valuations of the VRS pension plans. The mortality rates are discussed in detail at Note 7.

Note 8. Other Postemployment Benefits Liability – Virginia Retirement System Plan (Continued)

Net OPEB Liabilities

The net OPEB liabilities represent the total OPEB liability determined in accordance with GASB Statement No. 74, less the associated fiduciary net position. As of the measurement date of June 30, 2024, net OPEB liability amounts for the various VRS OPEB programs are as follows (amounts expressed in thousands):

	Group Life Insurance Program
Total OPEB Liability	\$ 4,196,055
Plan fiduciary net position	
	3,080,133
Employers' net OPEB liability (asset)	
	1,115,922
Plan fiduciary net position as a percentage of total	
OPEB liability	
	73.41%

The total liability is calculated by the VRS actuary and each plan's fiduciary net position is reported in the VRS financial statements. The net OPEB liability is disclosed in accordance with the requirements of GASB Statement No. 74 in the VRS notes to the financial statements and required supplementary information.

Long-Term Expected Rate of Return

Group Life Insurance

The long-term expected rate of return on VRS investments was determined using a log-normal distribution analysis in which best-estimate ranges of expected future real rates of return (expected returns, net of OPEB investment expense and inflation) are developed for each major asset class. These ranges are combined to produce the long-term expected rate of return by weighting the expected future real rates of return by the target asset allocation percentage and by adding expected inflation. The target asset allocation and best estimate of arithmetic real rates of return for each major asset class are summarized in the following table:

Note 8. Other Postemployment Benefits Liability – Virginia Retirement System Plan (Continued)

Asset Class (Strategy)	Target Allocation	Arithmetic Long-Term Expected Rate of Return	Weighted Average Long-Term Expected Rate of Return
Public Equity	32.00 %	6.70 %	2.14 %
Fixed Income	16.00	2.40	0.86
Credit Strategies	16.00	8.10	1.30
Real Assets	15.00	7.20	1.08
Private Equity	15.00	8.70	1.31
PIP – Private Investment Partnership	1.00	8.00	0.08
Diversifying Strategies	6.00	5.80	0.35
Cash	2.00	3.00	0.06
Leverage	(3.00)	3.50	(0.11)
Total	100.00 %		7.07 %
*Expected arithme	etic nominal return		7.07 %

* The above allocation provides for a one-year expected return of 7.07% (includes 2.50% inflation assumption). However, one-year returns do not take into account the volatility present in each of the asset classes. In setting the long-term expected rate of return for the System, stochastic projections are employed to model future returns under various economic conditions. The results provide a range of returns over various time periods that ultimately provide a median return of 7.10%, including expected inflation of 2.50%. On June 15, 2023, the VRS Board elected a long-term rate of 6.75% which is roughly at the 45th percentile of expected long-term results of the VRS fund asset allocation at that time, providing a median return of 7.14%, including inflation of 2.50%.

Discount Rate

The discount rate used to measure the GLI OPEB liability was 6.75%. The projection of cash flows used to determine the discount rate assumed that System member contributions will be made per the VRS Guidance, and the employer contributions will be made in accordance with the VRS funding policy at rates equal to the difference between actuarially determined contribution rates adopted by the VRS Board of Trustees and the member rate. Through the fiscal year ending June 30, 2024, the rate contributed by the employer for the OPEB liability will be subject to the portion of the VRS Board-certified rates that are funded by the Virginia General Assembly which was 113% of the actuarially determined contribution rate for GLI and 100% of the actuarially determined contribution rate for all other OPEB plans. From

Note 8. Other Postemployment Benefits Liability – Virginia Retirement System Plan (Continued)

July 1, 2024, on, participating employers are assumed to contribute 100% of the actuarially determined contribution rates. Based on those assumptions, the OPEB plans' fiduciary net position was projected to be available to make all projected future benefit payments of eligible employees. Therefore, the long-term expected rate of return was applied to all periods of projected benefit payments to determine the total OPEB liability.

Sensitivity of the Net OPEB Liability to Changes in the Discount Rate

The following presents the net OPEB liabilities of the Authority, as well as what the Authority's net OPEB liabilities would be if it were calculated using a discount rate that is one percentage point lower (5.75% GLI) or one percentage point higher (7.75% GLI) than the current discount rate:

	1.00%	Current	1.00%
	Decrease	Discount Rate	Increase
	(5.75%)	(6.75%)	(7.75%)
GLI Net OPEB liability	\$_404,870	\$ 260,345	\$143,587

OPEB Plan Fiduciary Net Position

Information about the various VRS OPEB plan fiduciary net position is available in the separately issued VRS 2024 Annual Comprehensive Financial Report (Annual Report). A copy of the 2024 VRS Annual Report may be downloaded from the VRS website at https://www.varetire.org/media/shared/pdf/publications/2024-annual-report.pdf, or by writing to the System's Chief Financial Officer at P.O. Box 2500, Richmond, VA, 23218-2500.

Note 9. Other Post-Employment Benefits Liability – Local Plan

Plan description

The Authority offers other post-employment benefits (OPEB) under a single employer plan by allowing qualifying retirees to continue to participate in the Authority's health insurance plan. Retirees must pay the cost of the premium but receive an implicit rate subsidy by virtue of participating in the Authority's plan. No assets are accumulated in a trust to pay benefits to the plan.

The Authority's Voluntary Early Retirement Incentive Program (VERIP) provides an additional health insurance subsidy for up to five years for employees who retire and meet the requirements of the plan.

VERIP participants may choose to apply this subsidy to Authority sponsored health insurance premiums or to purchase other insurance. For fiscal year 2025, the Authority's health and benefit contribution was \$870 per month. VERIP benefits are paid monthly for a period of five years after retirement or until age 65, whichever comes first.

Note 9. Other Post-Employment Benefits Liability – Local Plan (Continued)

Plan Description - Continued

Participants in the Authority's VERIP must meet the following requirements: employees must be eligible for early or full retirement under the provisions of the VRS, must have been employed by the Authority for 10 years prior to retirement, and must be at least 50 years of age. Any employees retiring under the disability provisions of VRS and/or Social Security will not be eligible for VERIP.

Employees Covered by Benefit Terms

As of the June 30, 2024, measurement date, the following employees were covered by the benefit terms of the plan:

	<u>Number</u>
Inactive employees or beneficiaries:	
Currently receiving benefits	1
Entitled to but not yet receiving benefits	
Total inactive employees	1
Active plan members	81
Total employees covered by benefit terms	82

Total OPEB Liability

The Authority's total OPEB liability of \$991,148 was measured as of June 30, 2025, and was determined based on an actual valuation performed as of July 1, 2024 projected to June 30, 2025.

Note 9. Other Post-Employment Benefits Liability – Local Plan (Continued)

Actuarial Assumptions and other inputs

The total OPEB liability was determined using the following assumptions, applied to all periods included in the measurement, unless otherwise specified:

Salary increases, including inflation	3.50% plus the salary merit increases, which are based on the VRS actuarial valuation as of June 30, 2023
Healthcare cost trend rates	4.50% - 8.00%
Retirees' share of benefit-related costs	Retirees are responsible for the full cost of coverage less the VERIP subsidy for those who qualify
Mortality rates	Active employees and retirees: SOA Pub-2010 General Headcount Weighted Mortality Table fully generational using Scale MP-2021; Surviving spouses: SOA Pub-2010 Continuing Survivor Headcount Weighted Mortality Table fully generational using Scale MP-2021; Disabled employees and retirees: SOA Pub-2010 Non-Safety Disability Headcount Weighted Mortality Table fully generational using Scale MP-2021

The actuarial assumptions used in the July 1, 2024, valuation was based on the results of an actuarial experience study for the period from July 1, 2024, through June 30, 2025. There have been no substantive plan provision changes since the last full valuation, which was for the fiscal year ending June 30, 2022.

Changes in assumptions and other inputs:

- The Discount rate as of the Measurement Date has been updated from 4.21% as of June 30, 2024, to 5.20% as of June 30, 2025, based on a yield for 20-year tax-exempt general obligation municipal bonds with an average rating of AA/Aa or higher (or equivalent quality on another rating scale). This change has caused a significant decrease in the Authority's liabilities. The discount rate will be updated annually to reflect market conditions as of the Measurement Date.
- Health care trend rates have been updated to an initial trend of 8.0% decreasing by 0.5% annually to an ultimate rate of 4.5% according to the schedule in the Health Care Trend Rates section of the Actuarial Methods and Assumptions. This change caused an increase in the Authority's liabilities.

Note 9. Other Post-Employment Benefits Liability – Local Plan (Continued)

Changes in the Total OPEB Liability

Balance at June 30, 2024	
Changes for the year:	\$ 799,449
Service cost	23,485
Interest	34,272
Benefit changes	-
Assumptions or other input changes	9,537
Differences between expected and actual experience	142,338
Benefit payments	(17,933)
Balance at June 30, 2025	\$ 991,148

Sensitivity of the Total OPEB Liability to Changes in the Discount Rate

The following presents the total OPEB liability of the Authority, as well as what the Authority's total OPEB liability would be if it were calculated using a discount rate that is one percentage point lower (4.20%) or one percentage point higher (6.20%) than the current discount rate:

	 1.00% Decrease (4.20%)	<u> </u>	Current Discount Rate (5.20%)	 1.00% Increase (6.20%)
Total OPEB liability	\$ 1,071,812	\$	991,148	\$ 918,702

Sensitivity of the Total OPEB Liability to Changes in the Healthcare Cost Trend Rates

The following presents the total OPEB liability of the Authority, as well as what the Authority's total OPEB liability would be if it were calculated using healthcare cost trend rates that are one percentage point lower (7.00%) or one percentage point higher (9.00%) than the current healthcare cost trend rates:

	 1.00% Decrease (7.00%)		Current Healthcare Cost Trend Rate (8.00%)	 1.00% Increase (9.00%)
Total OPEB liability	\$ 901,442	\$	991,148	\$ 1,093,515

Note 9. Other Post-Employment Benefits Liability – Local Plan (Continued)

OPEB Expense and Deferred Outflows of Resources and Deferred Inflows of Resources Related to OPEB

For the year ended June 30, 2025, the Authority recognized OPEB income of (\$63,616). At June 30, 2025, the Authority reported deferred outflows of resources and deferred inflows of resources related to OPEB from the following sources:

	0	Deferred utflows of Resources	Ī	Deferred Inflows of Resources
Differences between expected and actual experience	\$	124,264	\$	98,889
Change in assumptions		18,414		145,706
Employer contributions subsequent to the measurement date		N/A		N/A
Total	\$	142,678	\$	244,595

Amounts reported as deferred outflows of resources and deferred inflows of resources related to OPEB will be recognized in OPEB expense as follows:

Year Ending June 30,	,	Reduction) to OPEB Expense
2027	Φ	(22.02()
2026	\$	(22,026)
2027		(22,027)
2028		(27,014)
2029		(30,850)
2030		-
Thereafter		_

The plan is not administered through a trust, thus, a portion of the total OPEB liability is reported on the statement of net position as current, representing the full amount of benefit payments expected to be paid within one year.

Note 9. Other Post-Employment Benefits Liability – Local Plan (Continued)

Summary of Other Postemployment Benefit Elements

Deferred outflows of resources - OPEB		
Differences between expected and actual experience		
VRS-Group Life Insurance	\$	41,062
Local Plan		124,264
Changes in proportion		
VRS-Group Life Insurance		15,852
Employer contributions subsequent to the measurement date		
VRS-Group Life Insurance		30,810
Changes of assumptions		
VRS-Group Life Insurance		1,484
Local Plan		18,414
Total deferred outflows of resources - OPEB	\$	231,886
Total OPEB liability		
VRS-Group Life Insurance	\$	260,345
Local Plan		991,148
Total OPEB liability	\$	1,251,493
Deferred inflows of resources - OPEB Differences between expected and actual experience	•	
VRS- Group Life Insurance	\$	6,359
Local Plan		98,889
Changes of assumptions		
VRS-Group Life Insurance		12,902
Local Plan		145,706
Changes in proportion		0.202
VRS-Group Life Insurance		8,202
Net difference between projected and actual earnings on plan investments		21.044
VRS-Group Life Insurance	Φ.	21,944
Total deferred inflows of resources - OPEB	\$	294,002
OPEB Expense/(Income)		
VRS-Group Life Insurance	\$	13,351
v Ko-Group Life insurance		1.1.1.1.1
Local Plan	Ψ	
Local Plan Total OPEB Expense/(Income)	\$	(63,616) (50,265)

Note 10. Service Contracts

The Authority purchases all water and sewage treatment services from RWSA. These purchases amounted to \$19,012,443 for water and \$12,356,107 for sewage treatment services for the current year.

RWSA was formed in 1972 as a joint venture of the City of Charlottesville, the County of Albemarle, and the Authority. The RWSA operates under the terms of a Service Agreement which was signed in 1973 and is expected to continue indefinitely. Under the terms of the agreement, as well as several supplemental agreements since that time, the City of Charlottesville and the Authority have covenanted to purchase water and sewer services from RWSA. RWSA constructs and maintains the capital assets necessary to provide these water and sewer services and has issued debt to fund these projects. RWSA's charges to the Authority included a component for operations as well as a component for current and future estimated debt service.

In the current year, the charges that were associated with debt service were \$16,007,184.

Note 11. Risk Management

The Risk Management Programs of the Authority are as follows:

The Authority is a member of the Virginia Risk Sharing Association (V.R.S.A.). The liability coverage includes local government liability, auto, property, boiler/machinery, Cyber Liability, fidelity/crime, workers compensation and general liability coverages. VML Insurance program is a self-administered risk pool which, for premiums paid, protects Virginia State and local government entities. Settlement amount under these policies have not exceeded insurance coverage for the last three fiscal years.

The limits of the pools' liability to the Authority are as follows:

- Local Government Liability \$1,000,000
- Auto \$1,000,000
- Property \$27,186,427
- Boiler/Machinery \$15,000,000
- Cyber Liability \$1,000,000
- Fidelity/Crime \$250,000
- Excess Liability \$1,000,000 (plus Excess of \$4,000,000)
- Workers Compensation Specific excess limits as per statute, aggregate excess limits up to the limits of the Aggregate Excess Loss Fund. Employers' Liability: \$1,000,000 for each bodily injury accident for each employee.

The Authority continues to carry commercial insurance for all other risks of loss, namely employee health insurance. Claims have not exceeded coverage for the last three fiscal years.

Note 12. Deferred Compensation Plan

Since 1988 the Authority has offered its employees a deferred compensation plan created in accordance with Internal Revenue Code Section 457. The Plan, available to all Authority employees, permits them to defer a maximum of 100% of their salary or \$23,500 per year, whichever is less. The deferred compensation is not available to employees until termination, retirement, death, or unforeseeable emergency.

Note 13. Contingency – Off-Site Extensions

Off-site extensions of water and/or sanitary sewer lines to serve new developments shall be the responsibility of the developer. An off-site extension is defined as an extension of a water and/or sanitary sewer line by a developer from the developer's property boundary as determined by the Authority to existing Authority facilities. Under specific circumstances, upon completion of the project and acceptance into the Authority's system, the Authority shall enter into a written agreement granting the developer credit against future water and/or sewer system development charges. The credit can only be used for the property for which the off-site extension is constructed. The credit does not constitute a priority for water or sewer service. As water and/or sewer connections are made, the developer must use its existing credit first. The credit shall expire ten years after acceptance of the off-site water and/or sewer line extension into the Authority's system. If all requirements for use of credits are met, the total amount of unrecorded but potential credits is \$572,940 at June 30, 2025.

Note 14. Restatement of Beginning Net Position

For the year ended June 30, 2025, the Authority adopted GASB **Statement No. 101,** *Compensated Absences*, which requires liabilities for compensated absence to be recognized when leave has not been used and may be paid in future reporting periods. Implementation of the statement requires a restatement of net position in the earliest year presented. The Authority's restatement of net position is summarized below.

Net position, July 1 2023, as previously reported	\$ 229,521,670
Effects on adopting GASB 101	(1,204,871)
Net position, July 1, 2023, as restated	\$ 228,316,799

REQUIRED SUPPLEMENTARY INFORMATION

ALBEMARLE COUNTY SERVICE AUTHORITY

REQUIRED SUPPLEMENTARY INFORMATION SCHEDULE OF CHANGES IN NET PENSION LIABILITY AND RELATED RATIOS June 30, 2025

	Fiscal Years 2024 2023 2022 2021 2020 2019 2018								2016	2015
Total Pension Liability Service cost Interest on total pension liability Changes in assumptions Difference between expected and actual experience	\$ 459,211 1,591,397 - 1,743,112	\$ 445,651 1,502,954 - 559,609	\$ 351,756 1,397,239 - 538,017	\$ 337,400 1,287,748 264,750 (11,769)	\$ 334,646 1,177,200 - 713,793	\$ 288,386 1,117,629 511,046 132,308	\$ 282,089 1,062,604 - 19,186	\$ 302,117 1,021,852 (261,995) 57,961	\$ 306,250 971,270 - (77,660)	\$ 319,994 945,438 - (456,292)
Benefit payments, including refunds of employee contributions	(1,407,966)	(1,015,058)	(614,462)	(601,130)	(574,638)	(576,372)	(579,237)	(496,301)	(458,221)	(421,994)
Net change in total pension liability	2,385,754	1,493,156	1,672,550	1,276,999	1,651,001	1,472,997	784,642	623,634	741,639	387,146
Total pension liability – beginning	23,821,018	22,327,862	20,655,312	19,378,313	17,727,312	16,254,315	15,469,673	14,846,039	14,104,400	13,717,254
Total pension liability – ending	26,206,772	23,821,018	22,327,862	20,655,312	19,378,313	17,727,312	16,254,315	15,469,673	14,846,039	14,104,400
Plan Fiduciary Net Position Contributions – employer Contributions – employee Net investment income (loss) Benefit payments, including refunds of employee contributions Administrative expenses Other	411,892 281,764 1,993,685 (1,407,966) (13,494) 406	395,860 269,490 1,278,506 (1,015,058) (12,816) 515	327,839 239,518 (27,011) (614,462) (12,336) 467	303,643 222,626 4,326,251 (601,130) (10,552) 410	245,116 219,505 297,306 (574,638) (10,040) (354)	234,877 207,077 983,842 (576,372) (9,615) (620)	244,563 188,757 1,024,636 (579,237) (8,793) (913)	235,653 181,895 1,516,452 (496,301) (8,670) (1,352)	330,458 177,386 217,142 (458,221) (7,476) (91)	317,575 171,283 535,330 (421,994) (7,154) (110)
Net change in plan fiduciary net position	1,266,287	916,497	(85,985)	4,241,248	176,895	839,189	869,013	1,427,677	259,198	594,930
Plan fiduciary net position – beginning	20,790,330	19,873,833	19,959,818	15,718,570	15,541,675	14,702,486	13,833,473	12,405,796	12,146,598	11,551,668
Plan fiduciary net position – ending	22,056,617	20,790,330	19,873,833	19,959,818	15,718,570	15,541,675	14,702,486	13,833,473	12,405,796	12,146,598
Net pension liability – ending	\$ 4,150,155	\$ 3,030,688	\$ 2,454,029	\$ 695,494	\$ 3,659,743	\$ 2,185,637	\$ 1,551,829	\$ 1,636,200	\$ 2,440,243	\$ 1,957,802
Plan fiduciary net position as a percentage of total pension liability	84%	87%	89%	97%	81%	88%	90%	89%	84%	86%
Covered payroll	\$ 5,990,471	\$ 5,681,014	\$ 5,018,813	\$ 4,653,342	\$ 4,596,106	\$ 4,325,421	\$ 3,922,995	\$ 3,757,862	\$ 3,635,900	\$ 3,474,178
Net pension liability as a percentage of covered payroll	69%	53%	49%	15%	80%	51%	40%	44%	67%	56%

The plan years above are reported in the entity's financial statements in the fiscal year following the plan year - i.e., plan year 2015 information was presented in the entity's fiscal year 2016 financial report.

ALBEMARLE COUNTY SERVICE AUTHORITY

REQUIRED SUPPLEMENTARY INFORMATION SCHEDULE OF PENSION CONTRIBUTIONS June 30, 2025

Year Ended June 30	De	ctuarially termined ntribution	in to A De	ntributions Relation Actuarially etermined ntribution	Defi	ribution iciency xcess)			Contributions as a percentage of Covered Payroll
2016	\$	330,458	\$	330,458	\$	_	\$	3,635,900	9.09%
2017		235,653		235,653		-		3,757,862	6.27%
2018		244,561		244,561		-		3,922,995	6.23%
2019		234,877		234,877		-		4,325,421	5.43%
2020		245,110		245,110		-		4,596,106	5.33%
2021		313,643		313,643		-		4,653,342	6.74%
2022		339,261		339,261		-		5,018,813	6.76%
2023		404,845		404,845		-		5,681,014	7.13%
2024		429,651		429,651		-		5,990,471	7.17%
2025		639,687		639,687		-		6,555,301	9.76%

ALBEMARLE COUNTY SERVICE AUTHORITY

REQUIRED SUPPLEMENTARY INFORMATION SCHEDULE OF CHANGES IN OPEB LIABILITY AND RELATED RATIOS - LOCAL PLAN June 30, 2025

	Plan Year 2		n Year 2025 Plan Year 2024		Plan Year 2023		Plan Year 2022		Plan Year 2021		Plan Year 2020		Plan Year 2019	
Total OPEB Liability Service cost Interest on total OPEB liability Difference between expected and actual experience Changes in assumptions Benefit payments	\$	23,485 34,272 9,537 142,338 (17,933)	\$	51,369 41,005 (68,918) (139,752) (50,989)	\$	49,323 37,490 30,645 (3,117) (29,548)	\$	65,346 24,509 (120,515) (118,432) (45,269)	\$	57,968 27,390 (4,522) 39,416 (31,166)	\$	74,812 55,438 (632,618) 36,551 (102,307)	\$	68,079 67,654 (250,714) 41,846 (102,268)
Net change in total OPEB liability Total OPEB liability - beginning Total OPEB liability - ending	\$	191,699 799,449 991,148	\$	(167,285) 966,734 799,449	\$	84,793 881,941 966,734	\$	(194,361) 1,076,302 881,941	\$	89,086 987,216 1,076,302	\$	(568,124) 1,555,340 987,216	\$	(175,403) 1,730,743 1,555,340
Covered employee payroll	\$	6,771,724	\$	6,339,643	\$	5,916,996	\$	5,262,437	\$	4,686,463	\$	4,583,540	\$	4,404,509
Total OPEB liability as a percentage of covered payroll		14.6%		12.6%		16.3%		16.8%		23.0%		21.5%		35.3%

This schedule is intended to show information for 10 years. Since fiscal year 2018 is the first year for this presentation, no earlier data is available. Additional years will be included as they become available. Assets are not accumulated or administered through a trust.

ALBEMARLE COUNTY SERVICE AUTHORITY

REQUIRED SUPPLEMENTARY INFORMATION SCHEDULE OF OPEB CONTRIBUTIONS June 30, 2025

Fiscal Year Ended June 30	De E	tuarially termined mployer ntribution	E	Actual mployer ntribution	Contribution Covered- Deficiency Employee (Excess) Payroll			as ual Contribution Covered- percen loyer Deficiency Employee Covered-				Contributions as a percentage of Covered-Employee Payroll
VRS - Group Life	Insu	rance - Ge	neral l	Employees								
2018	\$	20,401	\$	20,401	\$	-	\$	3,922,995	0.52%			
2019		22,492		22,492		-		4,325,421	0.52%			
2020		23,898		23,898		-		4,596,106	0.52%			
2021		25,130		25,130		-		4,653,342	0.54%			
2022		27,102		27,102		-		5,018,813	0.54%			
2023		30,677		30,677		-		5,681,014	0.54%			
2024		32,349		32,349		-		5,990,471	0.54%			
2025		30,810		30,810		-		6,555,301	0.47%			

Schedule is intended to show information for 10 years. Since 2018 was the first year for this presentation, no earlier data is available. However, additional years will be included as they become available.

The covered payroll amounts above are for the entity's fiscal year - i.e. the covered payroll on which required contributions were based for the same year.

ALBEMARLE COUNTY SERVICE AUTHORITY

REQUIRED SUPPLEMENTARY INFORMATION SCHEDULE OF EMPLOYER'S SHARE OF NET OPEB LIABILITY June 30, 2025

Entity Fiscal Year Ended June 30	Year Ended the Net OPEB		mployer's oportionate re of the Net EB Liability (Asset)	Covered- Employee Payroll	Employer's Proportionate Share of the Net OPEB Liability (Asset) as a percentage of its Covered-Employee Payroll	Plan Fiduciary Net Position as a Percentage of the Total OPEB Liability
VRS - Group	Life Insurance - O	Genera	al Employees			
2018	0.02038%	\$	307,000	\$ 3,757,862	8.17%	48.86%
2019	0.02063%		313,000	3,922,995	7.98%	51.22%
2020	0.02206%		358,975	4,325,421	8.30%	52.00%
2021	0.02233%		372,651	4,596,106	8.11%	52.64%
2022	0.02254%		262,427	4,653,342	5.64%	67.45%
2023	0.02307%		277,785	5,018,813	5.53%	67.21%
2024	0.02412%		289,274	5,681,014	5.09%	69.30%
2025	0.02333%		260,345	5,990,471	4.35%	73.41%

Schedule is intended to show information for 10 years. Since 2018 was the first year for this presentation, no earlier data is available. However, additional years will be included as they become available.

The covered payroll amounts above are for the measurement period, which is the twelve months prior to the entity's fiscal year.

ALBEMARLE COUNTY SERVICE AUTHORITY

NOTES TO REQUIRED SUPPLEMENTARY INFORMATION June 30, 2025

Note 1. Changes of Benefit Terms

Pension

There have been no actuarially material changes to the Virginia Retirement System (the "System") benefit provisions since the prior actuarial valuation.

Other Postemployment Benefits (OPEB)

There have been no actuarially material changes to the System benefit provisions since the prior actuarial valuation.

Note 2. Changes of Assumptions

The actuarial assumptions used in the June 30, 2023, valuation was based on the results of an actuarial experience study for the period from July 1, 2016, through June 30, 2020. Changes to the actuarial assumptions as a result of the experience study and VRS Board action are as follows:

Largest 10 – Non-Hazardous Duty:

- Update mortality table to PUB2010 public sector mortality tables. For future mortality improvements, replace load with a modified Mortality Improvement Scale MP-2020.
- Adjusted retirement rates to better fit experience for Plan 1; set separate rates based on experience for Plan 2/Hybrid; changed final retirement age from 75 to 80 for all.
- Adjusted withdraw rates to better fit experience at each age and service through 9 years of service.
- No change in disability rates.
- No change to salary scale.
- No change to line of duty rates.
- No change to discount rate.

All Others (Non 10 Largest) – Non-Hazardous Duty:

- Update mortality table to PUB2010 public sector mortality tables. For future mortality improvements, replace load with a modified Mortality Improvement Scale MP-2020.
- Adjusted retirement rates to better fit experience for Plan 1; set separate rates based on experience for Plan 2/Hybrid; changed final retirement age from 75 to 80 for all.
- Adjusted withdraw rates to better fit experience at each age and service through 9 years of service.
- No change in disability rates.
- No change to salary scale.
- No change to line of duty rates.
- No change to discount rate.

Note 3. Local Voluntary Early Retirement Incentive Plan

Assets are not accumulated or administered through a trust.

STATISTICAL SECTION

The statistical section of the Authority's annual comprehensive financial report presents detailed information as a context for understanding what the information presented in the financial statements, note disclosures, and required supplementary information say about the Authority's overall financial health. This information has not been audited by the independent auditor.

Contents

Financial Trends Tables 1-2

These schedules contain trend information to help the reader understand how the Authority's financial performance and well-being have changed over time.

Revenue Capacity Tables 3-5

These schedules contain information to help the reader assess the Authority's most significant revenue sources.

Debt Capacity Table 6-7

These schedules present information to help the reader access the affordability of the Authority's current level of outstanding debt and the Authority's ability to issue additional debt in the future.

Demographic and Economic Information

Tables 8-9

These schedules offer demographic and economic indicators to help the reader understand the environment within which the Authority's financial activities take place.

Operating Information Tables 10-17

These schedules contain information about the Authority's operations and resources to help the reader understand how the Authority's financial information relates to the services the Authority provides.

Sources: Unless otherwise noted, the information in these schedules is derived from the Annual Comprehensive Financial Reports for the relevant year.

Table 1

ALBEMARLE COUNTY SERVICE AUTHORITY NET POSITION BY COMPONENT LAST TEN FISCAL YEARS (ACCRUAL BASIS OF ACCOUNTING)

Fiscal Year 2016 2018* 2019 2020 2021 2022 2023** 2024*** 2017 2025 Business-type activities \$ 126,311,674 \$ 131,997,020 \$ 140,238,885 \$ 148,180,254 \$ 165,640,741 \$ 172,031,606 \$ 175,247,805 \$ 178,591,470 \$ 187,525,026 Net investment in capital assets \$ 156,610,823 247,015 255,835 264,343 269,790 272,895 Restricted for debt service 240,591 314,718 331,531 331,089 337,603 Unrestricted 24,423,916 29,077,339 36,007,519 37,580,516 43,394,497 46,047,071 47,742,895 53,942,334 57,786,980 54,475,231 \$ 242,337,860 Total business-type activities net position \$ 150,976,181 \$ 161,321,374 \$ 176,502,239 \$ 186,025,113 \$ 200,275,110 \$ 211,960,707 \$ 220,089,219 \$ 229,521,670 \$ 236,709,539

^{*} GASB Statement No. 75 was adopted in fiscal year 2018. Information from previous years presented is unavailable.

^{**} GASB Statement No. 87 was adopted in fiscal year 2023. Information from previous years presented is unavailable.

^{***}GASB Statement No. 101 was adopted in fiscal year 2025 and restated balances for 2024. Information from previous years presented is unavailable.

Table 2

ALBEMARLE COUNTY SERVICE AUTHORITY CHANGES IN NET POSITION LAST TEN FISCAL YEARS (ACCRUAL BASIS OF ACCOUNTING)

	riscai i cai																
		2016		2017		2018	2019	2020		2021		2022		2023	2024		2025
Operating expenses																	
Operating expenses:																	
Water	\$	11,872,889	\$	12,816,458	\$	13,029,366	\$ 13,762,043	\$ 14,934,749	\$	15,418,833	\$	17,649,112	\$	20,218,241	\$ 23,311,634	\$	26,898,663
Sewer		9,766,413		9,613,692		9,664,393	12,468,623	12,201,559		13,285,061		13,545,928		14,746,778	16,222,364		17,481,329
Other		3,158,144		3,302,779		3,336,765	 3,625,254	 3,669,899		3,898,244		4,114,076		4,305,016	 4,354,813		4,792,018
Total operating expenses	\$	24,797,446	\$	25,732,929	\$	26,030,524	\$ 29,855,920	\$ 30,806,207	\$	32,602,138	\$	35,309,116	\$	39,270,035	\$ 43,888,811	\$	49,172,010
Operating revenues																	
Charges for services:																	
Water	\$	12,564,711	\$	13,916,547	\$	14,221,088	\$ 14,365,666	\$ 15,839,848	\$	15,919,103	\$	17,545,859	\$	18,720,236	\$ 21,719,767	\$	22,876,443
Sewer		10,895,970		11,869,460		12,232,244	12,688,282	13,662,193		13,964,581		15,279,189		15,332,086	17,399,595		18,362,595
Connection		329,384		359,660		331,838	 356,398	 367,451		141,043		131,415		178,642	 178,849		175,477
Total operating revenues	\$	23,790,065	\$	26,145,667	\$	26,785,170	\$ 27,410,346	\$ 29,869,492	\$	30,024,727	\$	32,956,463	\$	34,230,964	\$ 39,298,211	\$	41,414,515
Net (expense) revenue	\$	(1,007,381)	\$	412,738	\$	754,646	\$ (2,445,574)	\$ (936,715)	\$	(2,577,411)	\$	(2,352,653)	\$	(5,039,071)	\$ (4,590,600)	\$	(7,757,495)
Nonoperating revenues																	
and expenses																	
Investment earnings	\$	215,035	\$	59,576	\$	348,572	\$ 946,599	\$ 733,385	\$	82,900	\$	(631,795)	\$	1,084,854	\$ 2,810,568	\$	2,880,166
Miscellaneous revenues		363,029		412,944		552,586	51,050	333,752		548,486		381,926		462,076	441,025		562,665
Capital contributions		9,468,629		9,717,312		15,173,477	11,632,967	14,334,718		14,080,638		11,292,904		13,246,309	10,495,354		10,090,529
Other expenses		(288,381)		(257,377)		(293,343)	(662,168)	(215,143)		(449,016)		(561,870)		(321,717)	(763,607)		(147,544)
Total nonoperating revenues		<u> </u>															·
and expenses	\$	9,758,312	\$	9,932,455	\$	15,781,292	\$ 11,968,448	\$ 15,186,712	\$	14,263,008	\$	10,481,165	\$	14,471,522	\$ 12,983,340	\$	13,385,816
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Table 3

ALBEMARLE COUNTY SERVICE AUTHORITY WATER AND SEWER SOLD BY TYPE OF CUSTOMER LAST TEN FISCAL YEARS (IN MILLIONS OF GALLONS)

	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Type of Water Customer										
Single-family residential	714.07	747.21	751.98	736.24	802.07	841.10	843.20	818.62	843.49	853.10
Multi-family residential	379.59	393.56	392.13	398.38	407.54	439.01	444.72	432.07	452.26	455.56
Commercial (Offices)	64.97	51.50	45.65	44.48	42.05	36.94	43.84	52.58	80.26	45.19
Commercial (Other)	240.93	283.17	269.28	264.36	254.80	224.13	263.78	256.93	258.28	261.82
Industrial	21.59	19.68	17.28	18.41	17.16	11.27	12.20	10.73	11.04	10.15
Institutional	189.99	207.49	203.02	164.35	159.91	151.73	167.90	168.24	167.74	170.95
TOTAL WATER SOLD	1,611.14	1,702.61	1,679.34	1,626.22	1,683.53	1,704.18	1,775.64	1,739.17	1,813.07	1,796.77
Residential & irrigation 0-3,000	\$3.80	\$3.99	\$4.11	\$4.27	\$4.48	\$4.48	\$4.70	\$5.05	\$5.56	\$5.95
3,001-6,000	\$7.60	\$7.98	\$8.22	\$8.55	\$8.98	\$8.98	\$9.43	\$10.14	\$11.15	\$11.93
6,001-9,000	\$11.40	\$11.97	\$12.33	\$12.82	\$13.46	\$13.46	\$14.13	\$15.19	\$16.71	\$17.88
Over 9,000	\$15.20	\$15.96	\$16.44	\$17.10	\$17.96	\$17.96	\$18.86	\$20.27	\$22.30	\$23.86
Multi-family & non-residential	\$7.33	\$7.70	\$7.93	\$8.25	\$8.66	\$8.66	\$9.09	\$10.14	\$11.15	\$11.93
_					Fiscal Y					
	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Type of Sewer Customer										
Single-family residential	570.61	600.29	604.03	600.17	650.95	689.17	685.30	669.72	689.45	697.30
Multi-family residential	355.89	366.04	366.63	375.80	390.51	418.86	448.24	425.43	444.14	443.67
Commercial (Offices)	58.43	47.37	41.32	39.78	36.40	31.90	36.11	41.81	56.63	38.04
Commercial (Other)	204.30	236.26	239.30	233.57	217.44	195.02	225.71	220.52	222.72	227.45
Industrial	17.45	15.19	15.97	13.60	13.32	10.22	11.64	9.85	9.63	8.82
Institutional	140.99	143.41	144.23	144.03	138.98	133.31	143.42	144.46	145.39	142.00
TOTAL SEWER SOLD	1,347.67	1,408.56	1,411.48	1,406.95	1,447.60	1,478.48	1,550.42	1,511.79	1,567.96	1,557.28
Rate per 1,000 gallons	\$8.10	\$8.50	\$8.67	\$8.93	\$9.47	\$9.47	\$9.94	\$10.24	\$11.06	\$11.83

Table 4

ALBEMARLE COUNTY SERVICE AUTHORITY WATER AND SEWER RATES LAST TEN FISCAL YEARS

		Fiscal Year										
	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025		
Monthly Service Charge ¹	\$ 7.40	\$ 7.73	\$ 7.92	\$ 8.16	\$ 8.57	\$ 8.57	\$ 9.00	\$ 9.45	\$ 10.40	\$ 11.13		
Water Volume												
Single-family/Non-Residential												
0 - 3,000	3.80	3.99	4.11	4.27	4.48	4.48	4.70	5.05	5.56	5.95		
3,001 - 6,000	7.60	7.98	8.22	8.55	8.98	8.98	9.43	10.14	11.15	11.93		
6,000 - 9,000	11.40	11.97	12.33	12.82	13.46	13.46	14.13	15.19	16.71	17.88		
Over 9,000	15.20	15.96	16.44	17.10	17.96	17.96	18.86	20.27	22.30	23.86		
Multi-family/Non-Residential												
All Metered Consumption	7.33	7.70	7.93	8.25	8.66	8.66	9.09	10.14	11.15	11.93		
Sewer Volume	8.10	8.50	8.67	8.93	9.47	9.47	9.94	10.24	11.06	11.83		

¹ Monthly Service charge varies based on meter size. The amount represented here is for our standard 3/4" meters.

Table 5

ALBEMARLE COUNTY SERVICE AUTHORITY TOP TEN REVENUE PAYERS CURRENT YEAR AND NINE YEARS AGO

	F	iscal Year 202	5	Fiscal Year 2016					
Customer	Water Billed (in gallons)	Rank	Percent of Total Water Sales	Water Billed (in gallons)	Rank	Percent of Total Water Sales			
Martha Jefferson Hospital	26,121,926	1	1.45 %	19,754,000	5	1.23 %			
PR Charger C'ville Holdings	25,905,902	2	1.44	18,254,600	8	1.13			
University of Virginia	24,442,581	3	1.36	23,763,600	2	1.47			
County of Albemarle	21,801,642	4	1.21	23,768,900	1	1			
Four Seasons Apts.	21,463,056	5	1.19	17,770,000	9	1.10			
Southwood Mobile Homes	21,208,830	6	1.18	20,674,000	3	1.28			
Turtle Creek Apts.	19,137,135	7	1.07	-	-	0.00			
SEMF Charleston	17,751,621	8	0.99	20,018,400	4	1			
Westminster Canterbury	17,259,880	9	0.96	17,650,000	10	1.10			
Barracks West Apartments	16,899,102	10	0.94	19,664,600	6	1.22			
Alb./Charlottesville Regional Jail.	-	-	-	18,307,000	7	1.14			
	211,991,675		11.80%	199,625,100		12.39%			
Total water consumption:	1,796,772,022			1,611,141,900					

	F	iscal Year 202	5	Fiscal Year 2016					
Customer	Sewer Billed (in gallons)	Rank	Percent of Total Sewer Sales	Sewer Billed (in gallons)	Rank	Percent of Total Sewer Sales			
PR Charger C'ville Holdings	25,905,902	1	1.66 %	18,254,600	5	1 %			
University of Virginia	24,364,052	2	1.56	22,245,700	1	1.65			
Southwood Mobile Homes	22,980,200	3	1.48	-	-	-			
Four Seasons Apts.	21,463,056	4	1.38	17,770,000	6	1			
Turtle Creek Apts.	19,080,246	5	1.23	17,301,000	7	1.28			
SEMF Charleston	17,751,621	6	1.14	20,018,400	2	1.49			
Barracks West Apartments	16,799,102	7	1.08	19,664,000	3	1.46			
Martha Jefferson Hospital	16,684,758	8	1.07	-	-	-			
Westminster Canterbury	16,445,880	9	1.06	17,129,000	8	1.27			
Westgate Apts.	14,270,934	10	0.92	13,489,000	10	1.00			
Alb./Charlottesville Regional Jail	-	-	-	18,307,000	4	1.36			
County of Albemarle	-	-	-	15,019,700	9	1.11			
	195,745,751		12.57%	179,198,400		13.30%			
Total sewer usage:	1,557,280,916			1,347,671,169					

Table 6

Debt per

ALBEMARLE COUNTY SERVICE AUTHORITY OUTSTANDING DEBT PER CONNECTION, PER CAPITA, AND DEBT PER CAPITA AS A PERCENTAGE OF INCOME PER CAPITA LAST TEN FISCAL YEARS

Fiscal Year	 Outstanding Revenue Bond	-	Lease & Subscription	Total Long-Term Liabilities (1)	Number of ¹ Connections (2)	 Debt per Connection (3) = (1)/(2) (3)	Estimated ² Population Served (4) = (2) * 2.5 (4)	 Debt per Capita (5) = (1)/(4) (5)	-	er pita	Capita as a % Income per Capita (7) = (5)/(6) (7)
2016	\$ 8,352,000	\$	-	\$ 8,352,000	18,764	\$ 445.11	46,910	\$ 178.04 \$;	60,294	0.2953 %
2017	7,903,000		-	7,903,000	19,257	410.40	48,143	164.16		60,964	0.2693
2018	7,440,000		-	7,440,000	19,738	376.94	49,345	150.78		67,630	0.2229
2019	6,963,000		-	6,963,000	20,252	343.82	50,630	137.53		74,613	0.1843
2020	6,472,000		-	6,472,000	20,787	311.35	51,968	124.54		74,613	0.1669
2021	5,966,000		-	5,966,000	21,238	280.91	53,095	112.36		77,657	0.1447
2022	5,057,840		-	5,057,840	21,595	234.21	53,988	93.69		77,606	0.1207
2023	4,583,080		188,171	4,771,251	22,138	215.52	55,345	86.21		85,867	0.1004
2024	4,088,320		100,002	4,188,322	22,640	185.00	56,600	74.00		91,201	0.0811
2025	3,573,560		9,218	3,582,778	23,064	155.34	57,660	62.14	1	02,987	0.0603

¹ Connections from Table 12

Note: The Authority is not subject to legal debt limitations, and has issued no debt which is overlapping with other jurisdictions during the last ten fiscal years.

² The Virginia Department of Health estimates 2.5 residents per connection; this number is used in lieu of the population data in Table 8 which is representative of the entire county.

³ Per capita income data from Table 8 (Source: U.S. Bureau of Economic Analysis, Charlottesville-Albemarle Area)

Table 7

ALBEMARLE COUNTY SERVICE AUTHORITY PLEDGED-REVENUE COVERAGE LAST TEN FISCAL YEARS

Fiscal Year	 Gross Revenue	Direct Operating Expense ¹	Net Revenue Available for Debt Service	Principal	Interest	Total	Coverage
2016	\$ 33,965,596 \$	21,639,302 \$	12,326,294 \$	436,000 \$	395,056 \$	831,056	14.83
2017	36,457,609	22,430,150	14,027,459	449,000	374,726	823,726	17.03
2018	42,975,439	22,693,759	20,281,680	463,000	353,776	816,776	24.83
2019	40,149,708	26,230,666	13,919,042	477,000	332,183	809,183	17.20
2020	45,373,703	27,136,308	18,237,395	491,000	309,946	800,946	22.77
2021	44,736,751	28,703,894	16,032,857	506,000	287,044	793,044	20.22
2022	43,999,498	31,195,040	12,804,458	335,000	235,937	570,937	22.43
2023	49,024,203	34,965,018	14,059,185	375,000	102,153	477,153	29.46
2024	53,045,158	39,533,998	13,511,160	395,000	82,250	477,250	28.31
2025	54,947,875	44,379,992	10,567,883	415,000	74,029	489,029	21.61

¹Excluding depreciation and amortization

Table 8

ALBEMARLE COUNTY SERVICE AUTHORITY COUNTY DEMOGRAPHIC AND ECONOMIC STATISTICS LAST TEN FISCAL YEARS

Calendar		Personal	Per Capita	Per Capita Income as Percent (%) of	School	Unemployment
Year	Population ¹	Income ²	Income ²	U.S. Average ²	Enrollment ³	Rate 4
2015	105,703 \$	8,795,194,000 \$	58,603	127 %	13,737	3.7 %
2016	106,878	9,182,721,000	60,294	125	13,792	3.5
2017	107,702	9,375,633,000	60,964	124	13,910	3.3
2018	108,718	10,531,351,000	67,630	131	14,013	2.7
2019	109,330	11,702,008,000	74,613	137	14,435	2.5
2020	112,395	12,160,701,000	77,657	138	13,532	5.4
2021	113,535	12,230,910,000	77,606	130	13,749	3.2
2022	114,534	13,670,666,000	85,867	134	13,970	2.7
2023	115,676	14,583,689,000	91,201	132	13,821	2.6
2024	117,313	16,545,814,000	102,987	140	14,173	3.7

¹ U.S. Census Bureau (estimates based on July 1)

Calendar year 2025 statistics for the table above are not yet available.

² U.S. Bureau of Economic Analysis, Charlottesville-Albemarle Area, Personal Income, Population, Per Capita Personal Income

³ County of Albemarle, Department of Education

⁴ Virginia Labor Market Information, www.virginialmi.com

Table 9

ALBEMARLE COUNTY SERVICE AUTHORITY TEN LARGEST EMPLOYERS (ALBEMARLE COUNTY) CURRENT YEAR AND NINE YEARS AGO

Employer	Estimated Product/Service	(1) Estimated Employment in 2025	Rank in 2025	(1) Estimated Employment in 2016	Rank in 2016
University of Virginia/Blue Ridge Hospital	Higher education	1,000 - over	1	1,000 - over	1
County of Albemarle	Local government	1,000 - over	2	1,000 - over	2
Sentara Healthcare/Martha Jefferson Hospital	Health care	1,000 - over	3	1,000 - over	3
U.S. Department of Defense	National security	1,000 - over	4	500-999	5
Crutchfield Corporation	Electronic retailers	500 - 999	5	250 - 499	9
Northrop Grumman Corporation	Computer & electronic mfg.	500 - 999	6	500 - 999	6
Wal-Mart	Department stores	250 - 499	7	250 - 499	8
Piedmont Virginia Community College	Higher education	250 - 499	8	500 - 999	7
Atlantic Coast Athletic Club	Fitness center	250 - 499	9	-	-
Boar's Head Inn	Hotel/resort	250 - 499	10	-	-
State Farm Insurance	Insurance Services	-	-	1,000 - over	4
University of Virginia Medical Center	Health Care	-	-	500- 999	10

Source: Virginia Employment Commission

(1) Actual number of employees not available

Table 10

ALBEMARLE COUNTY SERVICE AUTHORITY FULL-TIME EMPLOYEES LAST TEN FISCAL YEARS

		110001 1001											
Department	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025			
Administration/I.T.	10	10	10	10	10	10	11	11	12	14			
Finance	16	16	17	17	17	17	17	17	17	18			
Engineering	16	16	16	17	17	17	17	17	17	18			
Maintenance	32	33	33	33	33	34	34	34	34	34			
Total	74	75	76	77	77	78	79	79	80	84			

Table 11

ALBEMARLE COUNTY SERVICE AUTHORITY OPERATING INDICATORS LAST TEN FISCAL YEARS

	riscai year											
	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025		
New connections	298	493	481	514	535	451	357	543	502	424		
Water meters read ¹	231,275	235,879	241,978	248,182	254,786	260,699	265,753	271,418	277,998	283,742		
Service orders processed ²	12,405	16,988	12,055	8,179	11,091	10,640	8,306	7,988	5,162	4,876		
Water main breaks	6	5	11	12	6	9	6	14	10	7		
Sewer overflows	3	2	4	7	2	6	8	6	3	5		
Sewer blockages	3	2	5	8	2	5	1	3	3	7		

¹ Number of meters read for billing.

² Includes new service requests, requests for disconnection, meter installations & exchanges, investigations, and miscellaneous customer requests.

Table 12

ALBEMARLE COUNTY SERVICE AUTHORITY CAPITAL ASSET STATISTICS LAST TEN FISCAL YEARS

	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Number of water connections	18,764	19,257	19,738	20,252	20,787	21,238	21,595	22,138	22,640	23,064
Number of sewer connections	15,805	16,299	16,764	17,273	17,803	18,257	18,611	19,146	19,650	20,076
Miles of water lines	338.52	344.76	349.40	353.10	357.81	363.79	373.97	374.29	377.84	380.10
Miles of sewer lines	281.67	288.17	292.70	297.60	301.12	316.06	323.52	315.63	318.64	321.10
Fire hydrants	2,511	2,590	2,650	2,747	2,818	3,023	3,137	3,146	3,142	3,199
Water pumping stations	9	8	8	9	9	9	9	9	8	8
Sewer pumping stations	12	12	12	12	12	11	11	10	10	10
Water storage tanks	8	8	8	8	8	8	8	8	7	7

Table 13

ALBEMARLE COUNTY SERVICE AUTHORITY REVENUES BY SOURCE LAST TEN FISCAL YEARS

Fiscal Year	 Service Charges	Connection Charges	. <u>-</u>	Rental Income	. <u>-</u>	Interest/Investment Earnings(Loss)	_	Other	 Total
2016	\$ 23,460,681	\$ 117,728	\$	27,645	\$	215,035	\$	675,878	\$ 24,496,967
2017	25,786,007	138,553		17,213		59,576		738,948	26,740,297
2018	26,453,332	140,451		16,603		348,572		843,004	27,801,962
2019	27,053,948	135,007		16,603		946,599		364,584	28,516,741
2020	29,502,041	147,876		16,603		733,385		639,080	31,038,985
2021	29,883,684	141,043		15,539		82,900		532,947	30,656,113
2022	32,825,048	131,415		18,357		(631,796)		363,569	32,706,593
2023	34,052,322	178,642		270		1,084,854		461,806	35,777,894
2024	39,119,362	178,849		-		2,810,568		441,025	42,549,804
2025	41,239,038	175,477		-		2,880,166		562,665	44,857,346

Table 14

ALBEMARLE COUNTY SERVICE AUTHORITY EXPENSES BY FUNCTION LAST TEN FISCAL YEARS

Fiscal Year	 Water & Sewer Costs	Departmental Operating Expenses	Bond Interest Charges	Depreciation	Other	Total
2016	\$ 14,795,643 \$	6,843,659 \$	395,056 \$	3,158,144 \$	22,163 \$	25,214,665
2017	14,928,569	7,501,581	374,726	3,302,779	4,761	26,112,416
2018	15,289,280	7,404,479	353,776	3,336,765	55,201	26,439,501
2019	18,154,657	8,076,009	332,183	3,625,254	438,731	30,626,834
2020	18,694,581	8,441,727	309,946	3,669,899	7,553	31,123,706
2021	19,858,509	8,845,385	287,044	3,898,244	161,972	33,051,154
2022	21,923,767	9,271,273	235,937	4,114,076	325,933	35,870,986
2023	24,189,739	10,775,280	102,153	4,305,016	219,564	39,591,752
2024	27,585,689	11,948,309	82,250	4,354,813	681,357	44,652,418
2025	31,368,550	13,011,442	74,029	4,792,018	73,515	49,319,554

Table 15

ALBEMARLE COUNTY SERVICE AUTHORITY SCHEDULE OF INSURANCE IN FORCE June 30, 2025

			Policy Period		Annual
Insurer	Type of Coverage	Policy Number	From	To	Premium
Virginia Risk Sharing	Local Government Liability	P-2024-2025-VRSA-	7/1/2024	6/30/2025	\$134,066
Association	Boiler & Machinery	0107-1			
	Cyber Liability				
	General Business Policy:				
	Auto				
	General Liability/Excess				
	Property				
	Fidelity & Crime				
	Workers' Compensation				

Table 16
ALBEMARLE COUNTY SERVICE AUTHORITY
BILLED SERVICES AND CONNECTIONS
LAST TEN FISCAL YEARS

Fiscal Year	Water Connections	Water Billions Gallons	Consumption Ratio Water/Sewer	Sewer Billions Gallons	Sewer Connections
2016	18,764	1.61	1.2	1.35	15,805
2017	19,257	1.70	1.2	1.41	16,299
2018	19,738	1.68	1.2	1.41	16,764
2019	20,252	1.63	1.2	1.41	17,273
2020	20,787	1.68	1.2	1.45	17,803
2021	21,238	1.70	1.1	1.48	18,257
2022	21,595	1.78	1.1	1.55	18,611
2023	22,138	1.74	1.2	1.51	19,146
2024	22,640	1.81	1.2	1.57	19,650
2025	23,064	1.77	1.1	1.56	20,076

Table 17
ALBEMARLE COUNTY SERVICE AUTHORITY
CONSTRUCTION ACTIVITY, PROPERTY VALUE, AND CASH EQUIVALENTS
LAST TEN FISCAL YEARS

Fiscal Year	 Construction	_	Property Value	•	Cash & Cash Equivalents
2015	\$ 8,531,307	\$	120,017,051	\$	23,466,968
2016	8,420,418		125,645,948		24,367,711
2017	11,673,410		127,628,676		30,010,727
2018	6,325,642		140,750,579		38,385,906
2019	9,392,718		145,137,081		40,275,478
2020	8,448,320		154,012,341		45,017,607
2021	8,639,796		162,344,686		21,749,451
2022	15,581,064		161,494,661		23,200,232
2023	11,563,824		168,443,035		28,535,583
2024	13,011,706		172,125,164		30,692,277
2025	18,888,152		174,127,963		27,182,581

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COMPLIANCE SECTION



Independent Auditor's Report on Internal Control over Financial Reporting and on Compliance and Other Matters Based on an Audit of Financial Statements Performed in Accordance with Government Auditing Standards

To the Honorable Members of the Board of the Board of Directors Albemarle County Service Authority Charlottesville, Virginia

We have audited, in accordance with the auditing standards generally accepted in the United States of America; the standards applicable to financial audits contained in *Government Auditing Standards*, issued by the Comptroller General of the United States; and the *Specifications for Audits of Authorities, Boards, and Commissions*, issued by the Auditor of Public Accounts of the Commonwealth of Virginia, the financial statements of the Albemarle County Service Authority (the "Authority"), as of and for the year ended June 30, 2025, and the related notes to the financial statements, which collectively comprise the Authority's basic financial statements, and have issued our report thereon dated November 4, 2025.

Report on Internal Control over Financial Reporting

In planning and performing our audit of the financial statements, we considered the Authority's internal control over financial reporting (internal control) as a basis for designing audit procedures that are appropriate in the circumstances for the purpose of expressing an opinion on the financial statements, but not for the purpose of expressing an opinion on the effectiveness of the Authority's internal control. Accordingly, we do not express an opinion on the effectiveness of the Authority's internal control.

A deficiency in internal control exists when the design or operation of a control does not allow management or employees, in the normal course of performing their assigned functions, to prevent, or detect and correct, misstatements on a timely basis. A material weakness is a deficiency, or a combination of deficiencies, in internal control such that there is a reasonable possibility that a material misstatement of the entity's financial statements will not be prevented, or detected and corrected on a timely basis. A significant deficiency is a deficiency, or a combination of deficiencies, in internal control that is less severe than a material weakness, yet important enough to merit attention by those charged with governance.

Our consideration of internal control was for the limited purpose described in the first paragraph of this section and was not designed to identify all deficiencies in internal control that might be material weaknesses or significant deficiencies. Given these limitations, during our audit we did not identify any deficiencies in internal control that we consider to be material weaknesses. However, material weaknesses or significant deficiencies may exist that have not been identified.

Report on Compliance and Other Matters

As part of obtaining reasonable assurance about whether the Authority's financial statements are free of material misstatement, we performed tests of its compliance with certain provisions of laws, regulations, contracts, and grant agreements, noncompliance with which could have a direct and material effect on the financial statements. However, providing an opinion on compliance with those provisions was not an objective of our audit and, accordingly, we do not express such an opinion. The results of our tests disclosed no instances of noncompliance that are required to be reported under *Government Auditing Standards*.

Purpose of this Report

The purpose of this report is solely to describe the scope of our testing of internal control and compliance and the results of that testing, and not to provide an opinion on the effectiveness of the entity's internal control or on compliance. This report is an integral part of an audit performed in accordance with *Government Auditing Standards* in considering the Authority's internal control and compliance. Accordingly, this communication is not suitable for any other purpose.

CERTIFIED PUBLIC ACCOUNTANTS

Brown, Edwards & Company, S. L. P.

Harrisonburg, Virginia November 4, 2025

Albemarle County Service Authority

Summary of Compliance Matters Year Ended June 30, 2025

As more fully described in the Independent Auditor's Report on Internal Control Over Financial Reporting and on Compliance and Other Matters Based on an Audit of Financial Statements Performed in Accordance with Government Auditing Standards, we performed tests of the Authority's compliance with certain provisions of the laws, regulations, contracts, and grants shown below.

State Compliance Matters

Code of Virginia

Cash and Investment Laws
Local Retirement Systems
Debt Provisions
Procurement Laws
Uniform Disposition of Unclaimed Property Act
Conflicts of Interest

ALBEMARLE COUNTY SERVICE AUTHORITY

AGENDA ITEM EXECUTIVE SUMMARY

AGENDA TITLE: Operational

Presentation – Utility Location Group

STAFF CONTACT(S)/PREPARER:

Jeremy M. Lynn, P.E., Director of

Engineering

AGENDA DATE: November 20, 2025

ACTION: | INFORMATION:

ATTACHMENTS: YES

BACKGROUND: ACSA has three dedicated utility locators in the field each weekday to ensure all Albemarle water and sewer utilities are marked promptly and accurately. Calling Virginia 811 before you dig is a simple step but one that can make construction, landscaping and home improvement projects safer while preventing service disruptions that can be inconvenient or dangerous for our community.

DISCUSSION: A short presentation has been prepared to introduce the Board to our current group of utility locators, explaining the Miss Utility process and ACSA's role in protecting our water and sewer infrastructure.

BUDGET IMPACT: Informational only.

RECOMMENDATIONS: None

BOARD ACTION REQUESTED: None; informational item only.

ATTACHMENTS: PowerPoint presentation – ACSA Utility Location Group

ACSA Utility Location Group

ACSA Board of Director's Meeting
November 20, 2025





Meet Our Team



<u>Scott Krebelder – Sr. Utility Location Tech.</u>

- Started with ACSA in 1994 in Maint.
- Promoted to Utility Locator in 1998
- Served as Senior Utility Location Tech since 2005
- From 1998-2005, served as sole locator



Kevin Marshall – Utility Location Tech.

- ACSA career began in 2018 as Meter Tech.
- Promoted to Meter Tech. II in 2022
- Became a Utility Locator in February 2023



<u>Derek Breeden – Utility Location Tech.</u>

- ACSA career began in 2021 in Maint.
- Transitioned to Meter Tech. in 2022
- Promoted to Meter Tech II in early 2025
- Became a Utility Locator in Sept. 2025

The Miss Utility Process

- What? Before you dig submit a ticket to request markings at your project site.
- When? To avoid damaging underground utility lines, contact Virginia 811 at least three business days before beginning any digging project.
- Why? Calling 811 before you dig is the LAW. There is no cost to the homeowner/excavator for this service.

The 48-Hour Waiting Period

10/13/2025

Miss Utility Ticket is requested. The waiting period begins the following Working Day at 7:00 am.



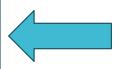
10/14/2025

The waiting period begins at 7:00 am.



10/16/2025

At 7:00 am, the 48-hour waiting period ends and excavation can begin.



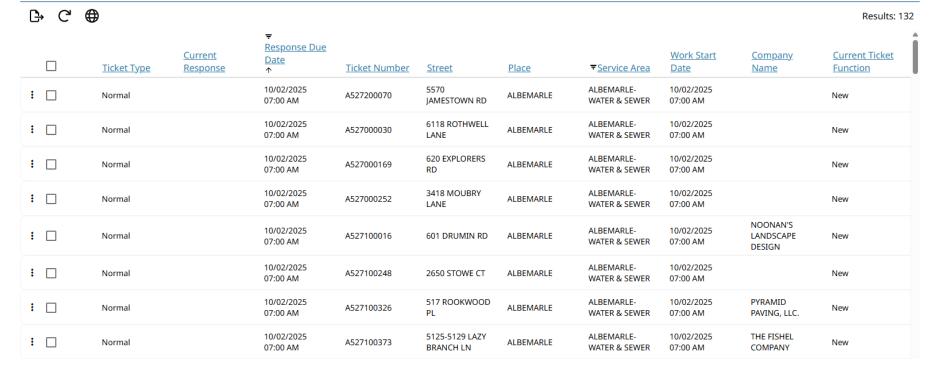
10/15/2025

At 7:00 am, 24 hours of the waiting period has elapsed.

Exceptions to the 48-Hour Rule

- Emergency Tickets: An emergency is defined as a sudden or unexpected occurrence involving a clear and imminent danger, demanding immediate action to prevent or mitigate loss of, or damage to, life, health, property, or essential public service. Don't call in Emergency Tickets that aren't really emergencies as defined by the law.
- 3-Hour Tickets: These tickets can be requested when the following conditions exist but are not limited to:
 - Visual evidence of an unmarked utility line.
 - Knowledge of a utility line
 - Faded marks from a previous utility marking after a valid 48-hour ticket has been requested should opt for remark/update ticket, not a 3-Hour Ticket.





Exactix Dashboard

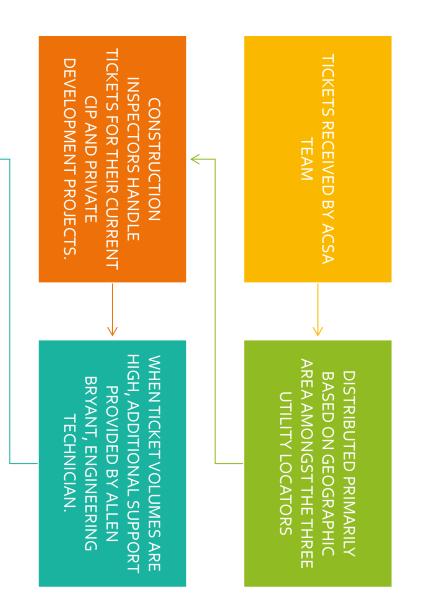




Exactix Mapping



ACSA Ticket Processing



RESPONSE CODES ENTERED INTO THE EXACTIX SYSTEM ATTHE END OF THE WORKING DAY.

Miss Utility Marking

WATER - Mains and service lines to the meter are marked. This is usually done by direct connection to meters, hydrants, valves or air release valves.













Miss Utility Marking

SEWER – Marked manhole to manhole for gravity.

What do the Color Markings Mean?

Red Electric Power Lines, Cables, Conduit, and Lighting Cables

Orange Communication, Alarm or Signal lines, Cables or Conduit

Yellow Gas, Oil, Steam, Petroleum or Gaseous or Material

Green Sewers and Drain lines

Blue Potable Water

Purple Reclaimed Water, Irrigation, and Slurry Lines

White Proposed Excavation

Equipment







- Pipe Locator Transmitter and receiver work in conjunction to induce and detect electromagnetic signal. Works well on metallic pipes (ductile, cast, copper).
- Tracer Wire Critical when locating PVC and HDPE pipe materials since they cannot carry a detectable electrical signal.
- GIS Valuable source of information for the locators.
- Cell Phone –
 Communication is key.

Excavator Responsibilities

- Extent of an Excavator's ticket shall be a work area that can be excavated within 15 working days and cannot exceed 1/3-mile per ticket. Larger jobs require multiple tickets, breaking the job into sections.
- In all boring operations, if it is necessary to bore across other utilities, all marked utilities must be exposed or potholed and the boring head shall be observed passing exposed utilities.
- No mechanized digging may be closer than two feet from any marked utility.



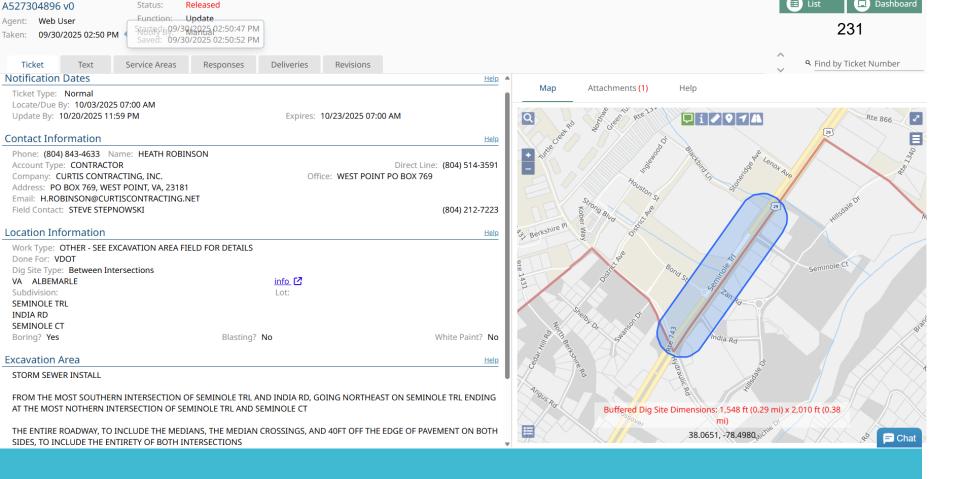


Go Green

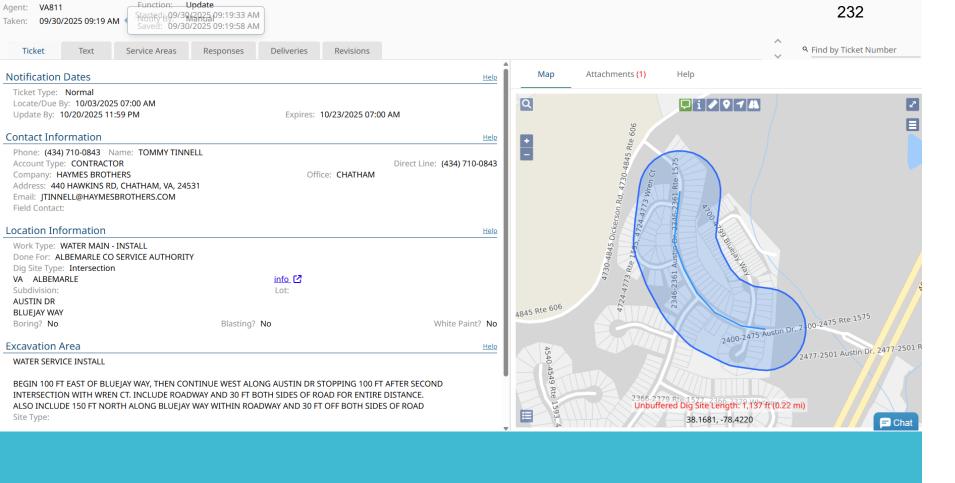
- ACSA typically goes through several dozen cans of paint per week on utility markings.
- Empty cans are depressurized and recycled.







Not All Tickets are Equal



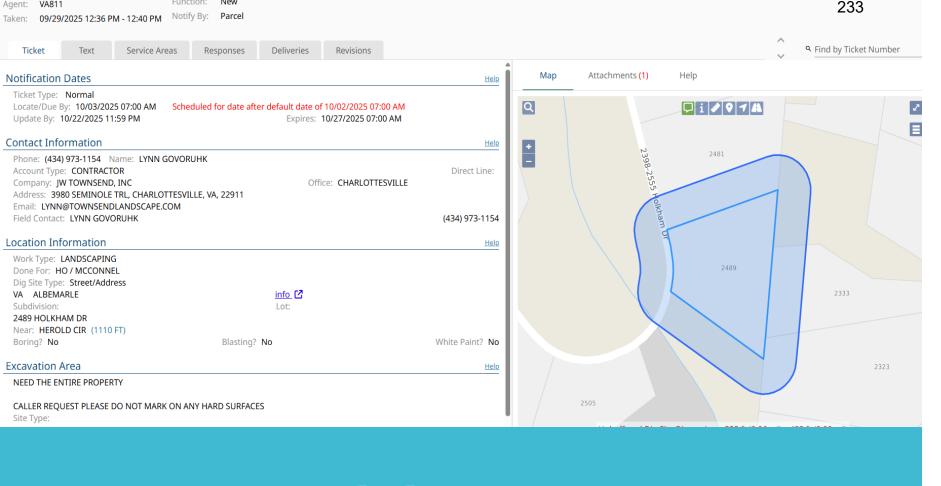
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Status:

Released

Dashboard

Not All Tickets are Equal

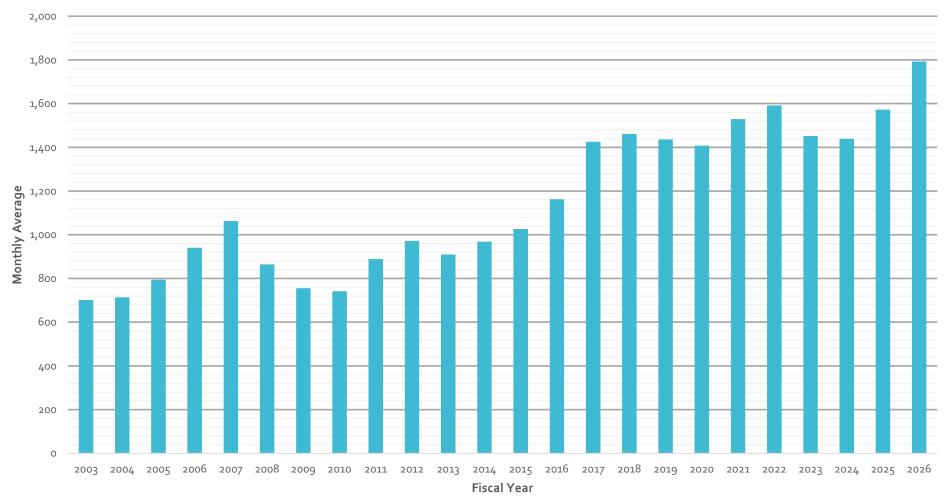


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Released New Dashboard

Not All Tickets are Equal

ACSA Miss Utility Ticket Response – Monthly Average per FY







Questions?