



# ANNUAL REPORT

**FISCAL YEAR 2024**  
**JULY 1, 2023 – JUNE 30, 2024**

## *Vision, Mission, Values*

### *Vision*

Augusta Water will be a respected leader in the water, wastewater and solid waste industry, with a highly competent and motivated staff, committed to environmental stewardship and outstanding customer service.

### *Mission*

Augusta Water protects the public health and the environment by providing high quality water and wastewater service and solid waste disposal, working together with Augusta County to achieve development objectives in a fiscally responsible manner.

### *Values*

#### *Respect for All*

Our foundation is built on respect and trust. Respect goes beyond one-time interactions; it is shown by listening to the viewpoints of others and treating each other as we want to be treated. Trust is earned through accountability of our actions; taking a proactive approach to ensure the safety of our employees and those around us is always priority.

#### *Customer Focused*

Everything we do is for our customers and the community. We strive to provide the most professional level of service by doing what is right, fair, and ethical. We are committed to providing a sustainable and affordable product.

#### *Environmental Commitment*

Water is a finite resource. We show our commitment to environmental protection by holding ourselves to the highest standard of compliance and resource management. We manage our resources to be sustainable today to ensure they are available for tomorrow.

#### *Embrace Innovation*

We encourage continuous improvement. Whether it's integrating technology or enhancing processes, we provide a cooperative atmosphere for discussion and improvement. Innovation allows us to offer more sustainable and cost-effective services.

The following is Augusta Water’s Annual Operating Report for the 2024 fiscal year. This report includes activities, statistics, accomplishments, and financial information from July 1, 2023 through June 30, 2024.

## *Introduction*

Augusta County Service Authority (Augusta Water) was chartered in March 1966 to centralize the provision of water and sewer services to County residents. As of June 30, 2024, Augusta Water had 109 employees. The number of active service connections was 15,900 for water and 9,890 for sewer. The water distribution system contains over 416 miles of water mains (2” and above) and approximately 2,181 fire hydrants. Augusta Water currently provides wastewater collection, conveyance (229 miles of gravity sewer mains 8” and above, and 18 miles of force main sewer, 4” and above), and treatment through four (4) major facilities and five (5) smaller facilities. Augusta Water operates the Middle River Regional Wastewater Treatment Plant, which is jointly owned with the City of Staunton. Augusta Water also owns 31 sewer pump stations and operates two (2) Augusta County School Board (ACSB) stations and 14 water booster stations.

Augusta Water is governed by its Board of Directors. Each director is appointed for a four (4) year term by the Augusta County Board of Supervisors. The Augusta Water Board Members for the 2024 fiscal year are listed below.

<b>MAGISTERIAL DISTRICT</b>	<b>BOARD MEMBER</b>	<b>SERVICE IN FY 2024</b>
Beverley Manor	Allen Dahl	July 2023 – June 2024
Middle River	Garry R. Gordon	July 2023 – June 2024
North River	Andrew C. Middleton	July 2023 – June 2024
Pastures	Timothy Simmons	July 2023 – June 2024
Riverheads	Michael L. Shull	July 2023 – June 2024
South River	Harvey Almarode	July 2023 – June 2024
Wayne	Matthew Egeli	July 2023 – June 2024

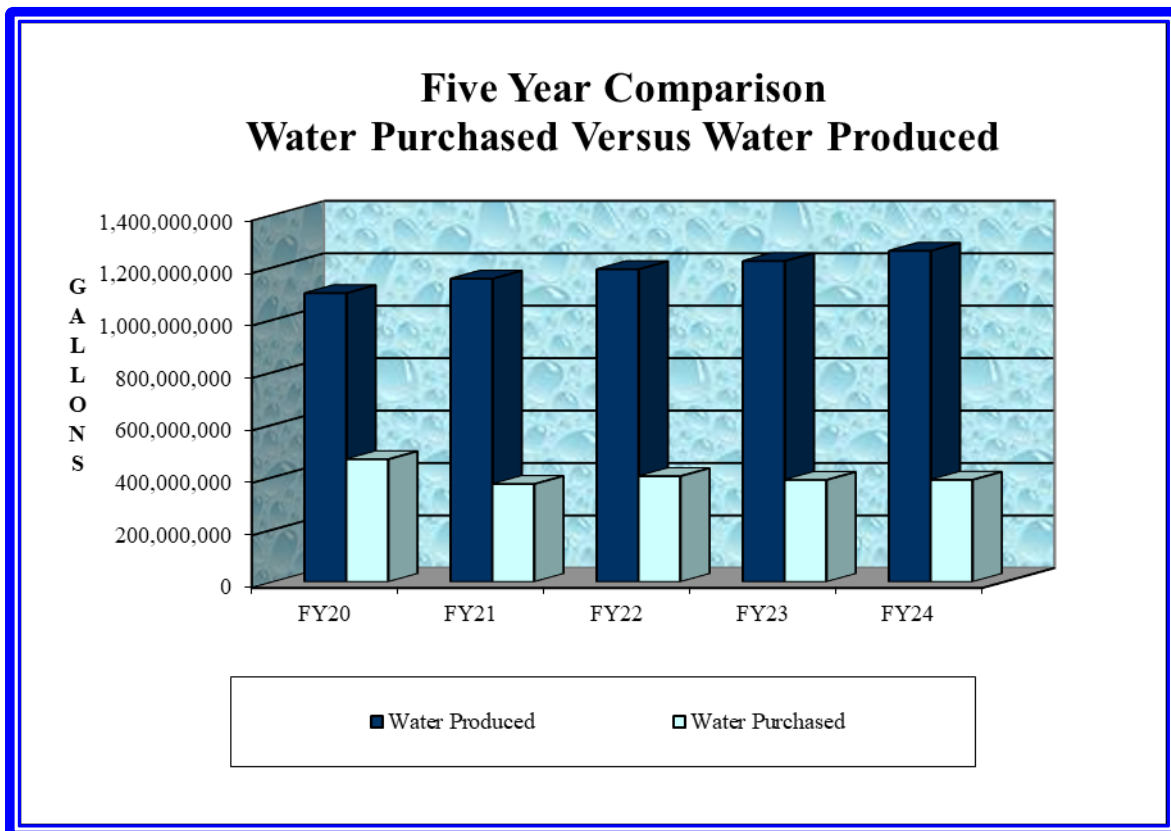
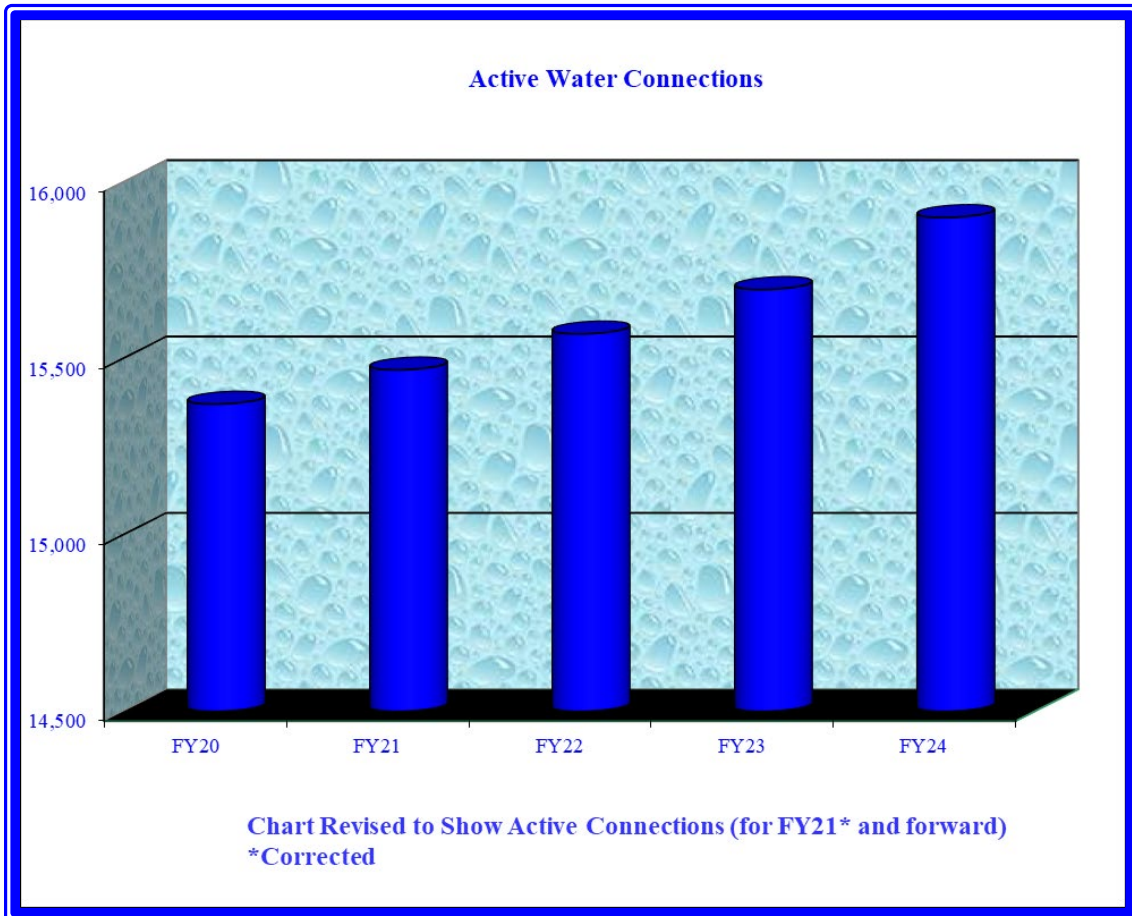
## *Water News*

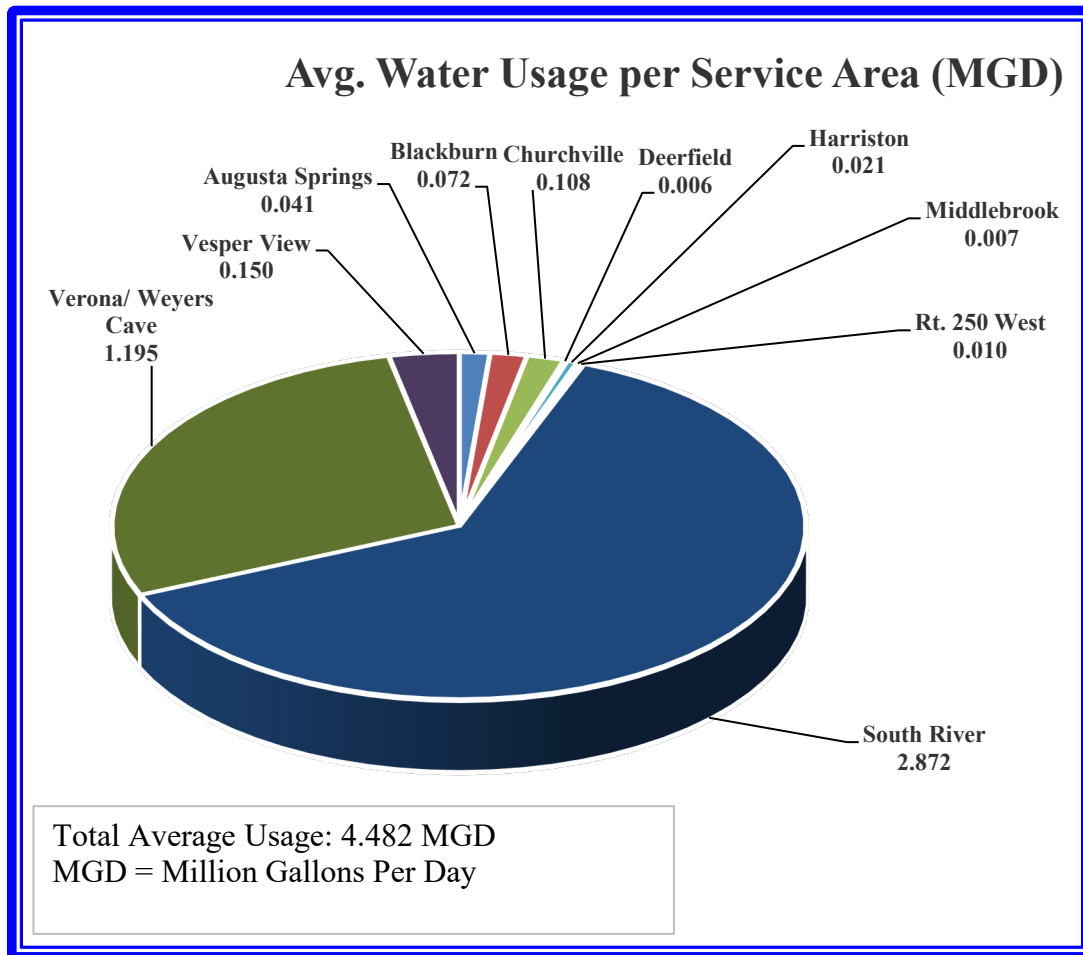


**Deerfield Water  
Storage Tank**

Augusta Water currently maintains 10 separate water systems. The total usage of all the systems was 4,482,168 gallons per day in FY 2024. Augusta Water distributed approximately 3,415,563 gallons per day from its own water facilities. Total purchased water in fiscal year 2024 averaged 1,066,605 gallons per day. Interjurisdictional agreements for water exist with the Cities of Staunton and Waynesboro and the Town of Craigsville.

Augusta Water currently has seven (7) facilities with microfiltration units.





Areas served by Augusta Water’s water systems include: South River District (includes Stuarts Draft, Lyndhurst, Fishersville, Mint Spring, Jolivue, Greenville), Verona/Weyers Cave (includes Mt. Sidney), Augusta Springs, Blackburn, Churchville, Dooms (includes Vesper View), Harriston, Middlebrook, Deerfield, and Route 250 West (includes Bon Lea).

The Virginia Department of Health (VDH) performed five (5) inspections of our water systems during FY 2024. Systems inspected were Augusta Springs, Churchville, Deerfield, Dooms, and Route 250 West. All facilities were in compliance and were found to be well maintained and in good working order.

Water system operators and lab staff collected a total of 807 coliform bacteria samples; 695 coliform samples tested on drinking water in the distribution system and 112 samples tested at the source. All test results met the requirements of VDH.

The following parameters are also tested on a frequency determined and regulated by the VDH: nitrates, inorganics, volatile organic chemicals (VOCs), total trihalomethanes (TTHMs), haloacetic acids (HAAs), Synthetic Organic Chemicals (SOCs), radiological, metals, cyanide, lead and copper. All systems are in compliance with state and federal regulations. Customers are notified of the test results through the Water Quality Reports which are available on our website.

The 26<sup>th</sup> Annual Water Quality Report has been posted to the Augusta Water Website. All water customers were notified on their bi-monthly bill as to the availability and location of their respective report. Copies of the reports were also posted in various public locations throughout the County. This report included information about the quality of the drinking water, source of the water supply, and other educational information.



Laboratory and operational personnel performed 14,071 tests on drinking water samples. Tests include pH, chlorine, fluoride, hardness, alkalinity, and bacteria. Commercial laboratories ran an additional 2,925 tests.

## *Wastewater News*

Augusta Water currently maintains nine (9) wastewater treatment plants. Interjurisdictional agreements for wastewater treatment exist with the Cities of Staunton and Waynesboro.

The four largest areas with wastewater treatment service are Fishersville [includes Mint Spring and Jolivue areas], Verona, Stuarts Draft, and Weyers Cave. Smaller wastewater treatment service areas include Greenville, Harriston, Mt. Sidney, New Hope, and Vesper View.

***Nutrients and Wastewater Treatment Plants:*** Regulations passed in 2007 limit the amount of nutrients discharged from wastewater plants in the Chesapeake Bay Watershed. Stringent permit limits of 4.0 mg/L for Total Nitrogen and 0.3 mg/L for Total Phosphorus are imposed on Middle River, Stuarts Draft, and Fishersville Wastewater Treatment Plants. With the exception of New Hope WWTP, all Augusta Water wastewater treatment plants are regulated under a bubble permit with waste load allocations for Nitrogen and Phosphorus. Augusta Water met all permit limits and waste load allocations for 2023.

DEQ launched a \$1M Pay for Performance Nutrient Trading Pilot Program in early 2023. The goal of this program is to further decrease the Total Nitrogen and Total Phosphorus loads being sent to the Chesapeake Bay by incentivizing wastewater facilities' efforts in optimizing their treatment processes. DEQ pays participating facilities for nutrient credits generated below their assigned baseline. Augusta Water generated 79 Total Nitrogen Credits, earning \$790.00 in incentive pay.

Augusta Water continues to be a member of the Virginia Nutrient Credit Exchange Association. Through this organization, Augusta Water can either sell nutrient credits if available or buy credits if needed. Augusta Water received revenue from the sale of credits from the Nutrient Exchange for calendar year 2023 in the amount of \$3,708.42.

**Average effluent concentrations for calendar year 2023:**

	Total Nitrogen (mg/L)	Total Phosphorus (mg/L)
Middle River WWTP	2.12	0.07
Fishersville WWTP	2.44	0.20
Stuarts Draft WWTP	0.82	0.09



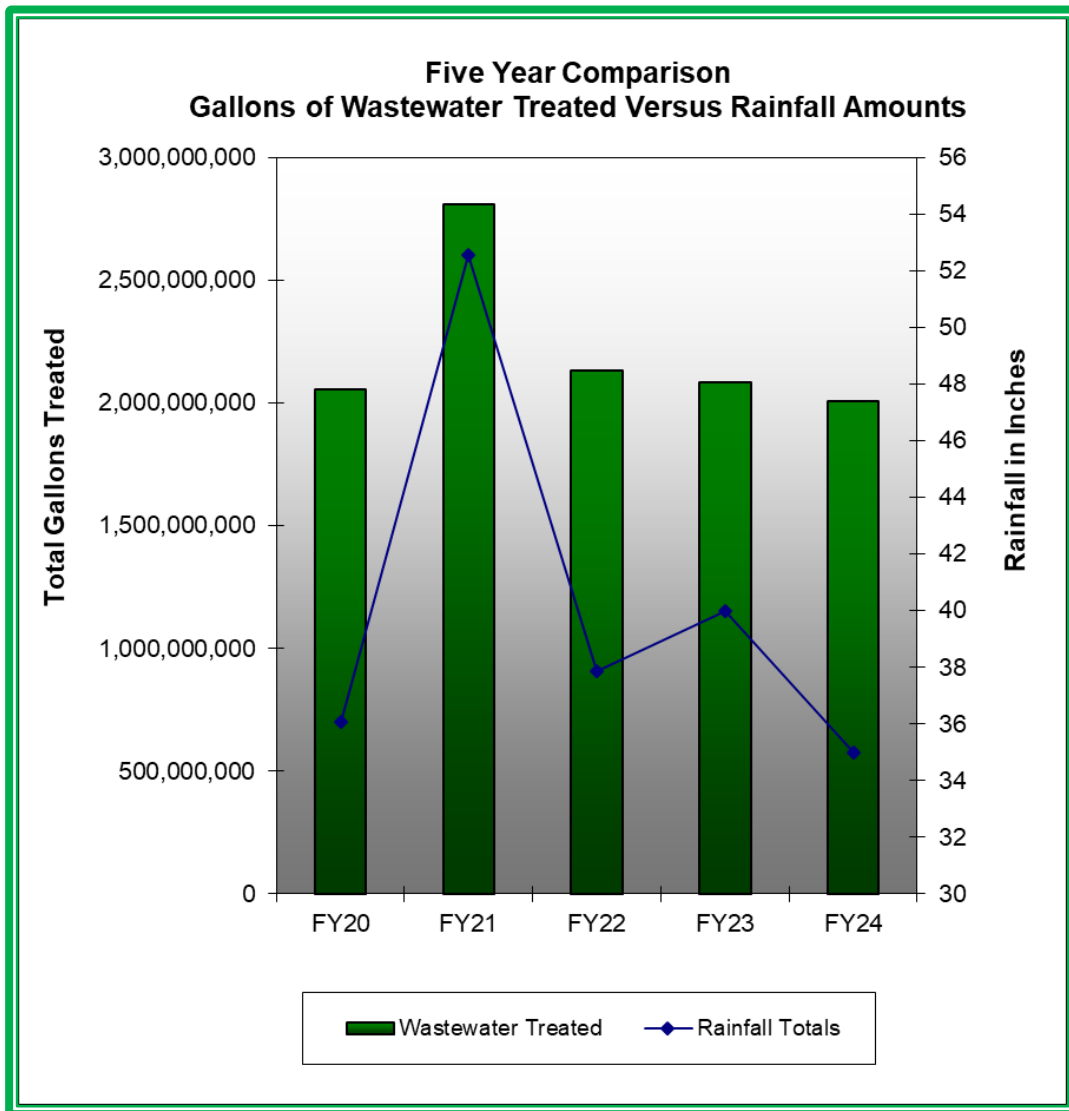
**Fishersville WWTP**



**Stuarts Draft WWTP**



**Middle River WWTP**

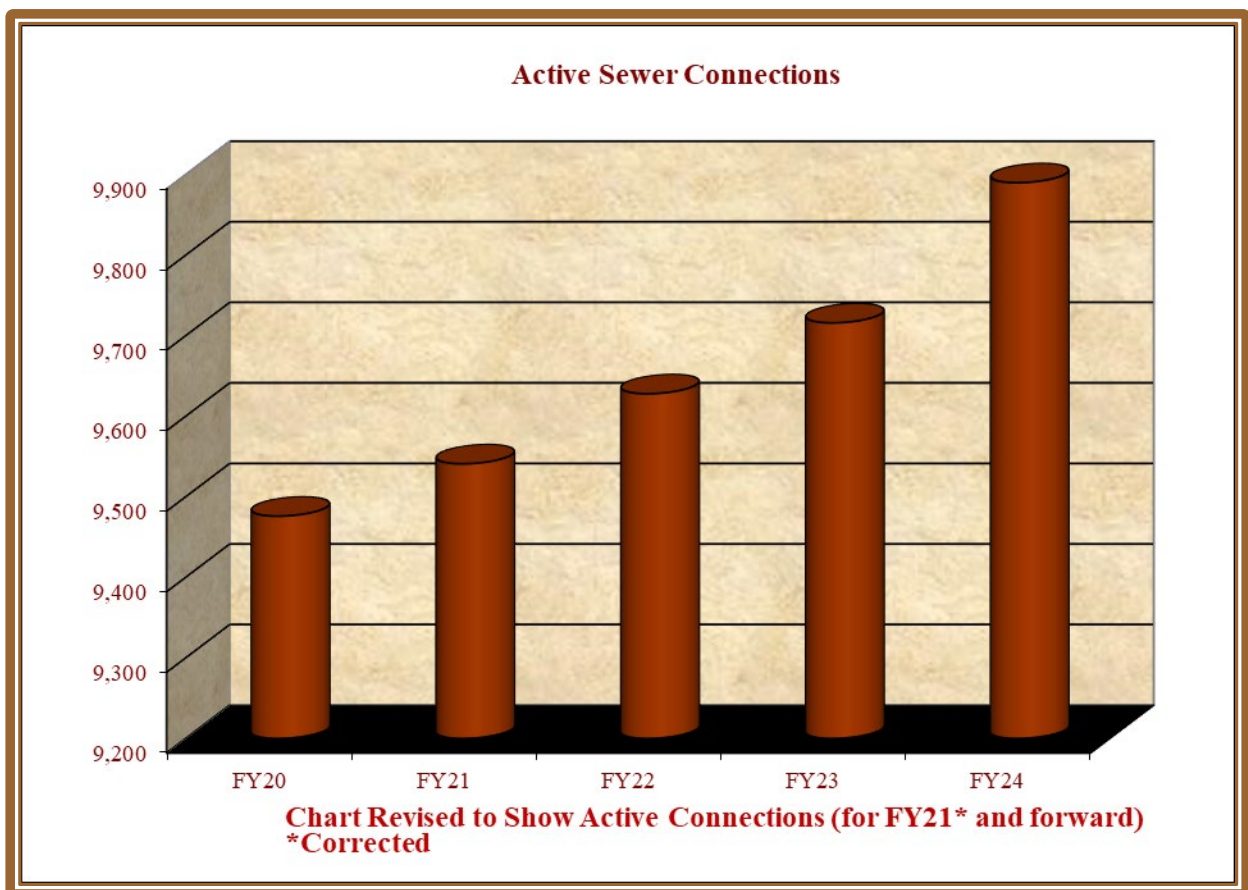


**Average flow per day for FY 2023 was 5,506,000 gallons (includes City of Staunton).**

**Inflow and Infiltration (I&I):** The majority of I&I work done has been concentrated in the Verona, Vesper View, and Weyers Cave sewer service areas.

The I&I crew conducted the following:

Inspected 243 manholes	Installed 71 cast iron boxes on cleanouts
Raised 16 manholes	Repaired 69 cleanouts
Repaired 103 connections	Performed 687 lateral inspections
TV inspection of 188,362.7 feet of sewer main	
A contractor slip-lined 17,428 feet of sewer main during FY 2024 and rehabilitated 64 manholes	

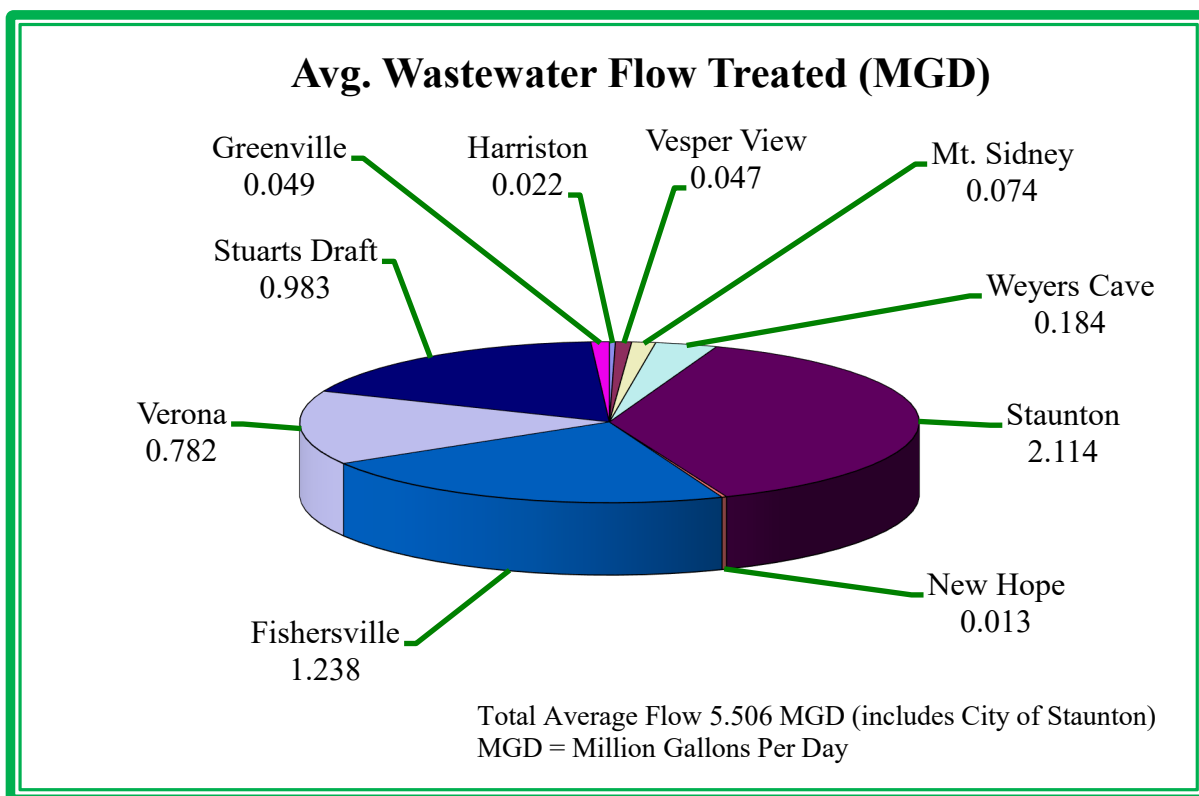






The Virginia Department of Environmental Quality performed one (1) unannounced compliance inspection at Vesper View WWTP. The Virginia Pollution Discharge Elimination System (VPDES) permit was renewed for the Weyers Cave WWTP and Vesper View WWTP. VPDES and General Permits are issued for five-year terms.

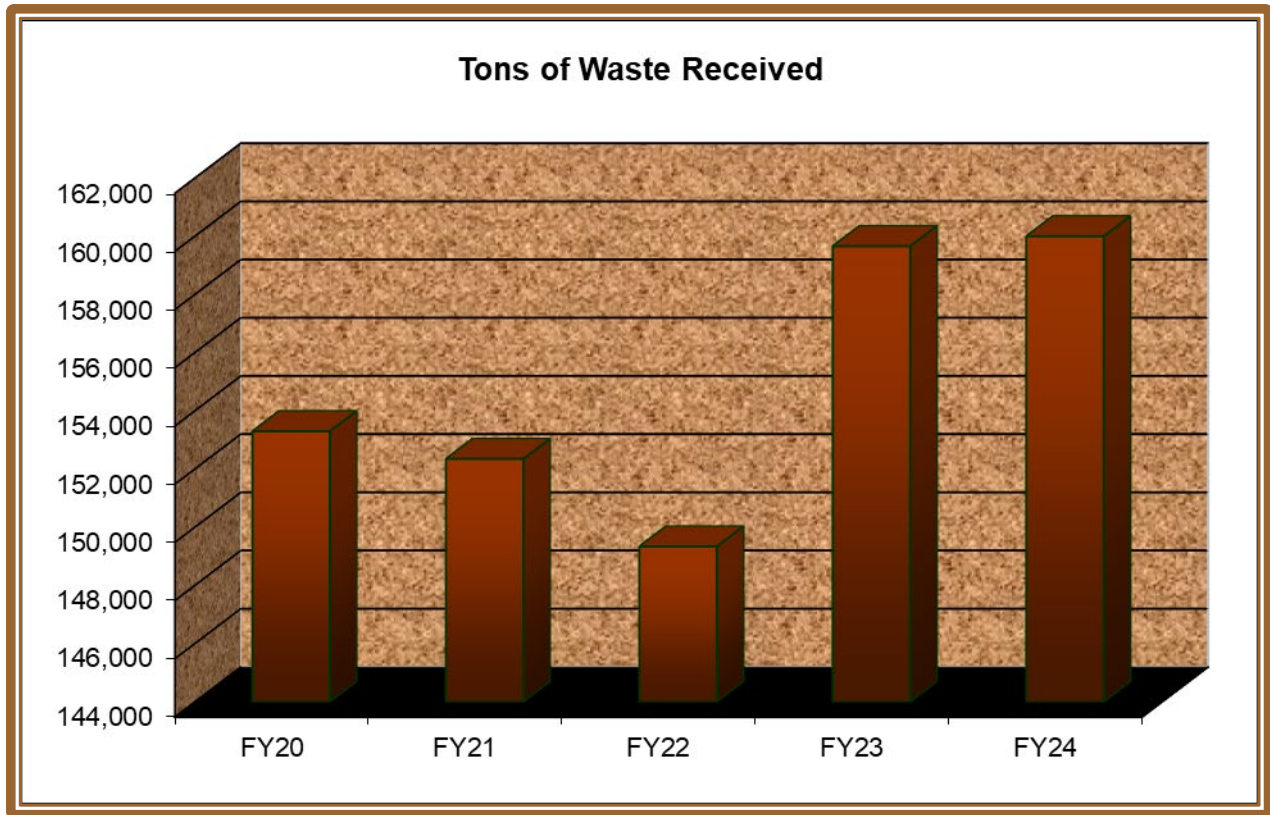
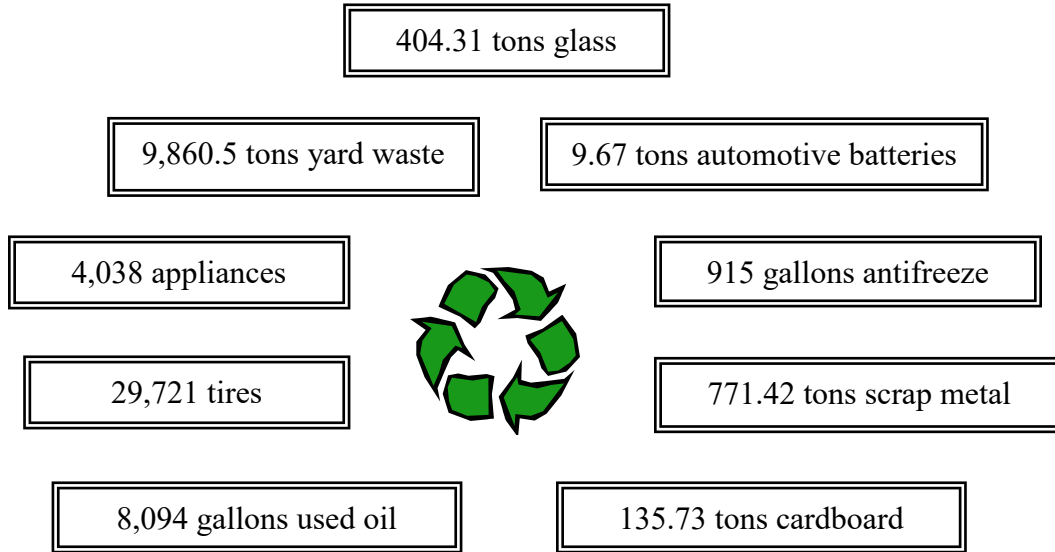
Operations staff and laboratory personnel performed 42,319 tests on wastewater and biosolids. Tests include pH, biochemical oxygen demand (BOD), total suspended solids, settleability, total kjeldahl nitrogen (TKN), ammonia nitrogen, dissolved oxygen, temperature, E. coli, chemical oxygen demand (COD), phosphorus, alkalinity, UV nitrate, UV transmittance, specific oxygen uptake rate (SOUR), and microscopic exams. Commercial labs conducted an additional 1,120 tests.



The Augusta Water Industrial Pretreatment Program was established in 1988 as part of the Clean Water Act. The main purpose of this program is to prevent the introduction of industrial pollutants into Augusta Water’s wastewater treatment plants. We have eight (8) Significant Industrial User permits and 30 Written Permission to Discharge permits and one (1) general use permit. During the year, 47 sampling events were conducted. Approximately 995 tests were run on industrial discharges during this fiscal year. Augusta Water staff also collected five (5) sets of stormwater samples.

## Landfill

The following were recycled in FY 2024.



The Augusta Regional Landfill received 160,010 tons of waste, which is approximately 512 tons per day during FY 2024. Residents from Waynesboro, Staunton, and Augusta County made 168,179 trips to the public use site. The landfill has 4,054 commercial and industrial accounts.

In FY2024, the Augusta Regional Landfill continued construction of the fifth waste cell under Virginia Solid Waste Permit #585. Cell #5 has a footprint of 7.8 acres and a capacity of 1,306,000 cubic yards of air space, meaning that the life expectancy is roughly 6.1 years at the current intake rate of 150,000 tons per year. This construction project is expected to be complete in Summer 2024, and filling in the new cell should commence in the Summer of 2024.

In FY2023, the Augusta Regional Landfill started work to install a partial closure cap to a portion of Cell #1 of Permit #585 and install the initial phase of a Landfill Gas Collection and Control System. The closure consists of 7.8 acres on the northern slope of Cell #1 and is the first portion of closure cap to be installed since filling began in 1997. The Landfill Gas Collection and Control System will consist of 24 vertical gas extraction wells, 3 horizontal gas collectors, and a blower flare station. The well field extends across Cells #1, 2, and 3 with provisions for future expansion into the remaining waste cells. This system will facilitate the destruction of greenhouse gas emissions in order to remain compliant with state and federal regulations. Completion of this project is scheduled for Fall of 2024.

***Virginia Department of Environmental Quality (DEQ) Inspections:*** During FY 2024, the Augusta Regional Landfill had four (4) unannounced inspections by DEQ staff and was found to be in compliance on all four occasions.

## *Field Operations*



### *Water and Sewer Field Maintenance:*

Completed **1,622** work orders for water line leaks and breaks, sewer stoppages, flushing of water and sewer lines. Performed **2,223** fire hydrant inspections.

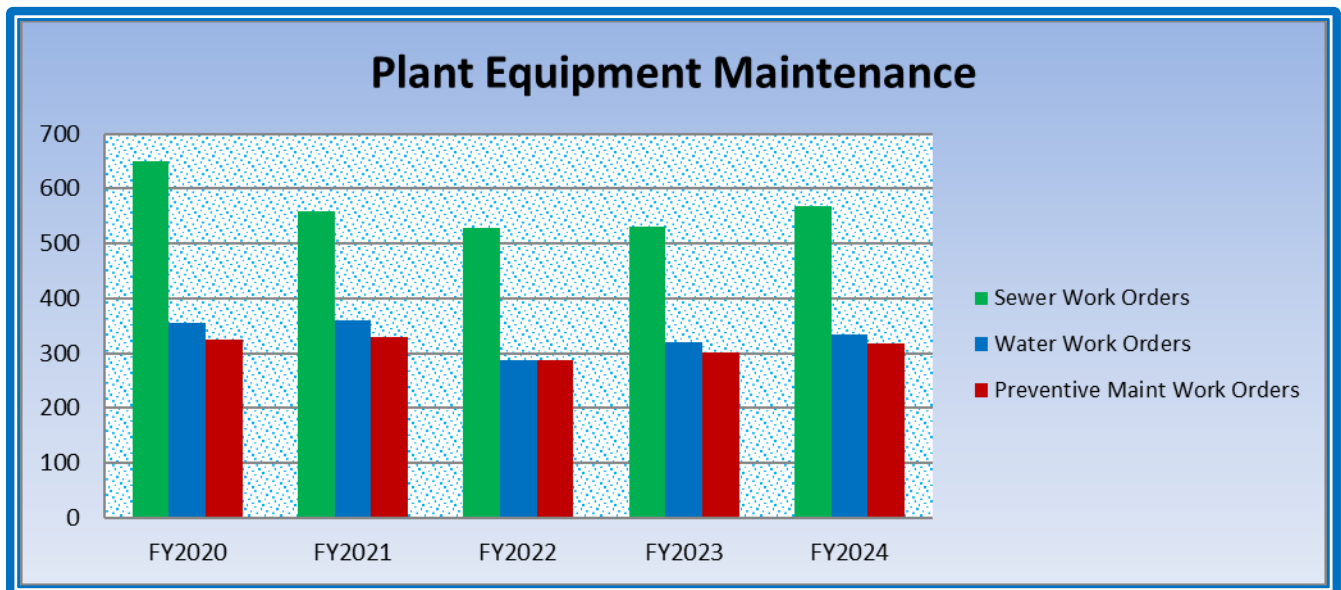
Answered **83** after-hours customer calls.

### *Fleet Vehicle Maintenance:*

**151** state inspections were performed in addition to **262** vehicle repairs, **153** equipment repairs, and **222** preventive maintenance work orders.

### *Plant Equipment Maintenance Crew:*

Augusta Water staff completed **569** sewer work orders, **333** water work orders and **317** preventive maintenance work orders. Maintenance crews upgraded sewer pump stations, installed new emergency generators, and performed SCADA upgrades in addition to repairing equipment.



### *Building and Grounds Maintenance:*

Landscaping maintained at **115** sites. (Includes mowing, weed-eating, and weed control spraying).

### *Field Operations:*

#### **Major Projects Include:**

- Seawright Springs – Substandard Service Line Replacement
- Mt Torrey – Standard Water Line Replacement
- Construction of New Field Operations Building

### *New Connection Crew:*

**Installed:**

**47** water connections

**28** sewer connections

- Replaced large water meters at various locations
- Assisted with waterline relocations and connection upgrades

### *VA811 (Utility Locates):*

Responded to **9,319** locate ticket requests



## *Administration and Engineering*

Engineering staff reviewed 24 site plans, three (3) construction plans, 12 erosion and sediment control, utility extension, and relocation plans, and six (6) final plats. The total number of reviews, which includes re-submittals, was 129. Engineering staff also reviewed 236 building permits.

Engineering staff scheduled and performed 20 fire flow tests.

The Substandard Waterline Replacement Program, a focus for Augusta Water, is an effort to keep up with the replacement of aging infrastructure. Augusta Water operates and maintains over 400 miles of waterline. “Substandard Waterlines” are typically older pipes that have reached the end of their useful life, are part of a service related issue, or become problematic, experiencing a higher rate of failure. Substandard Waterline replacement projects are selected based on factors such as pipe age, material, failure rate (from work orders), and the impact to the water system performance and reliability. Substandard Waterline Projects designed/constructed during this fiscal year (FY) include:

- **Mt. Torrey Substandard Waterline Replacement Project:** This project was designed in-house and received all required approvals in FY23. The project consists of the installation of approximately 13,300 feet of 12” ductile iron pipe to replace the existing 10” cast iron pipe installed in 1957. Material for the project was received during FY23. Construction was approximately 80 percent complete at the end of FY24. (South River District)
- **Seawright Springs Meter Relocation Project:** This project included the removal of approximately 1,050 feet of galvanized line that paralleled a larger 8” cast iron watermain. Eleven services were relocated by field staff from the galvanized line to the cast iron main. Removing older parallel, galvanized lines improves efficiency by removing potential maintenance issues and redundant assets. (North River District)
- **Hickory Hill Water Booster Station and Waterline Improvement Project (design and easement acquisition):** One of the primary factors in determining available fire flow capacity is the amount of available water. In the case of the Hickory Hill Water Storage Tank, this availability has been reduced because more water must be kept in the tank to maintain adequate pressure at houses build close to the base of the tank. To regain this lost capacity, Augusta water has proposed a project to construct a separate booster station and install approximately 10,000 ft of water main to homes located at higher elevations. A necessary portion of the project will upgrade the existing water main that crosses Interstate 64. Construction will begin in FY25. (Wayne District)

Other work completed during this FY included:

- **New Office and Shop for Field Personnel:** Design work for new field offices and shops started in December 2020. Site grading and utilities began in 2022. Building construction started in early 2023 and was concluded at the end of FY24. (Beverly Manor District)
- **Churchville Water Storage Tank Replacement Site Acquisition:** The existing Churchville Water Storage Tank is a 500,000 gallon, welded steel tank, constructed in 1990. The tank coating (paint) needs to be replaced and safety improvements are needed. Due to the existing elevation and maintenance needs of the tank, construction of a new tank at a higher elevation was planned. Staff had been working to identify a site at a higher elevation in an effort to improve “effective storage” and service to the customers in this system. After considering several sites, based on a preliminary grading evaluation and geotechnical work, it appears that the new tank can be constructed on property currently owned by Augusta Water where the Dry Branch Water Treatment Plant is located. Final design is expected to be complete in FY25. (Pastures District)



Existing Churchville  
Water Storage Tank

- 
- **Bulk Water Station:** Augusta Water allows for the purchase of water from fire hydrants with an approved permit. A bulk water station program was initiated due to the number of meters and backflow preventers (and associated staff time) required to accommodate the number of permit requests. This program would provide several locations around the County where water could be purchased from a station, reducing the number of hydrant permits and meters required. During FY24, Staff prepared a specification and requested quotes from several companies for a bulk water station. An award has been made and the first station was ordered. This station will be located at the Middle River Wastewater Treatment Plant and will be installed during FY25. Additional locations are under review for potential use/acquisition for future stations. (Beverley Manor District)
  - **Coles Run Dam Monitoring System:** In 2023, the Commonwealth of Virginia discontinued the Integrated Flood Observing and Warning System (IFLOWs) which Augusta Water utilized to monitor rainfall and water depth at Coles Run. With the discontinuance of the system, remote monitoring of the dam was not possible. Through cooperative procurement, Staff purchased equipment and monitoring services from AMCI, Inc., which is a satellite based monitoring system. The AMCI system was placed online in December 2023. (South River District)
  - **Shenandoah Valley Airport Sewer Extension:** Augusta Water Staff have been working with Staff at the Shenandoah Valley Airport as improvements associated with growth on their campus take place. Staff worked with the airport to extend a public, gravity sewer main approximately 1,000 ft eliminating a private force main connection to an existing public force main. This extension also provided sewer access to some adjacent property.
  - **Grandview Pump Station Replacement (engineering and design):** As part of the pump station replacement program, plans for the construction of a new station adjacent to the existing station were completed in 2023. The project was postponed due to Field Staff workload. Construction is expected to take place during FY27. (Wayne District)
  - **Mt. Sidney Water Storage Tank Replacement (design and preliminary site work):** The existing Mt. Sidney Water Storage Tank is a 300,000 gallon, welded steel tank, constructed in 1972. The tank coating (paint) needs to be replaced, safety improvements are needed, and a larger 500,000 gallon tank is recommended based on service area. Additional property was purchased immediately adjacent to the existing tank for the new tank. Design was completed in FY24. Tank construction was awarded to Mid-Atlantic Storage System on May 17, 2024. Materials for the tank have a long lead time. Construction is expected to begin in FY25 and extend into FY26. (North River District)
  - **Lyndhurst Water Storage Tank Rehabilitation:** The existing Lyndhurst Water Storage Tank is a 1,000,000 gallon, welded steel tank, constructed in 1975. The tank coating (paint) needed to be replaced and safety improvements were needed. Engineering work associated with this project began in April 2023. The project was put out for bid on October 10<sup>th</sup> and was awarded on November 17<sup>th</sup>. Most of the work was completed in FY24. The tank was placed back into service on August 28, 2024. (South River District)

- Rt. 11 South of Staunton/Greenville System Uni-Directional Flushing (UDF): UDF is a process of cleaning water mains and improving water quality. The process involves the development and implementation of a plan that shows which valves to close while flushing a main, at scour velocity, for the needed length of time to ensure the main is completely cleaned of sediment/particles. Planning ensures that fresh/clean water is always being moved forward through the distribution system. Plans for the Rt. 11 corridor from the Staunton City Limits to the southern end of the system in Greenville were developed in FY23. Implementation was planned for FY24 depending on weather and staff availability. Approximately 35 miles of water mains (6"-12") were included in this plan. While the plan is ready, the project has been postponed due to reduced rainfall resulting the Augusta County being included in the Drought Warning Area by the Department of Environmental Quality. (Beverly Manor and Riverheads Districts)

The Augusta Water Engineering/GIS Team continues to update the Augusta Water website to provide information regarding projects. This page can be viewed at [www.augustawater.com/currentprojects](http://www.augustawater.com/currentprojects).

Two (2) Meter Techs completed 5,202 work orders. This includes service orders (turn on/off), leak investigations, issues, and delinquent notices.



**Todd Knicely – Meter Tech Supervisor**



**Tommy Frazier – Meter Tech**

Four (4) Customer Service Representatives sent 95,222 regular bills and 11,456 second notices to customers. They processed 4,894 payments at the counter, answered 18,698 phone inquiries and payment requests, and processed 30,210 mailed payments. Additional payments were processed with automated and online systems totaling 59,150.



**Left to Right**  
**Sharon Simmons – Customer Service Supervisor**  
**Beverly Dull – Customer Service Representative**  
**Vickie Miller – Customer Service Representative**  
**Laura Lowry – Customer Service Representative**





**Safety:** Augusta Water continues memberships with the Safety Committee, the Emergency Preparedness and Security Committee of the Virginia Water Environment Association (VWEA), Virginia American Water Works Association (VA AWWA), and the American Society of Safety Professionals.

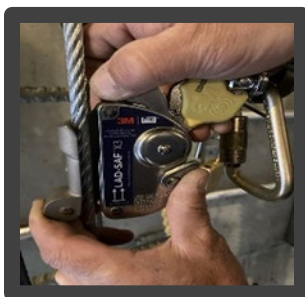
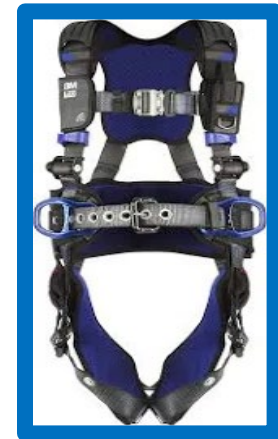
The 2023 safety grant from VRSA was used to install cameras on the flagging arms used for intermediate work zone operations by Field Operations.



All the Emergency Action Plans in the company have been updated. The revised plans have been printed and delivered to each location. The plans cover a wide range of emergencies including but not limited to hurricanes, flooding, fires, and workplace violence. The EAPs include all phone numbers of employees and supervisors for each location and important emergency numbers. Spot checks and tabletops trainings have started at the main locations to ensure employees know where to access the information and brush up on what they need to do in an actual emergency.

Most of the new hire and quarterly safety training has been automated through the KnowBe4 training website. Employees can work on the training at their own pace on the computer or the KnowBe4 app. Trainings from the I.T. and H.R. department are also available on the website.

New 3M/DBI Sala fall protection harnesses were purchased for the Maintenance employees in June 2024. Each person on the maintenance crew now has their own harness they must maintain and keep in good order.



ITAC Fall Protection Services has been asked to perform an annual competent person inspection of the fixed ladder climbing systems (Lad-Safe) on the Mill Place, Deerfield, and White Hill water tanks. Along with their inspections, they also provided user refresher training for nine (9) Augusta Water employees. There were no deficiencies noted on any of the climbing systems from last year's inspection.

On-going monthly tool-box safety training is being conducted for Landfill and Treatment Operations employees at their respective locations.

The Safety Committee is meeting on a monthly basis.



## Employee Accomplishments

The following employees received Licenses and Certifications this fiscal year:

Laura Righter – Class 1 Wastewater License  
Tim Campbell – Class 1 Wastewater License  
Robert Halterman – Class 2 Wastewater License  
Adam Meek – Class 4 Wastewater License  
Cory Campbell – Class 4 Wastewater License  
Jim Gregory – Class 4 Wastewater License  
Steve Bussard – Class 4 Water License

Operators are required to meet specific experience and/or education criteria before being allowed to take the test to obtain their licenses.

Also receiving licenses this fiscal year:

Josh Cash – Master Electrician License  
Buck Thornton – Journeyman Electrician License

## Community Outreach



**Adopt-A-Highway Clean-Up:** Augusta Water employees worked hard to help keep the highways clean during the Adopt-A-Highway Clean Up in October of the 2023. Eleven employees participated in the two-hour event, picking up a total of 18 bags of trash along Rt. 11 (Lee-Jackson Highway), from Rt. 647 (Christians Creek Road) south to Rt. 654 (White Hill Road) at Mint Spring, and covering a total of 3.9 miles.



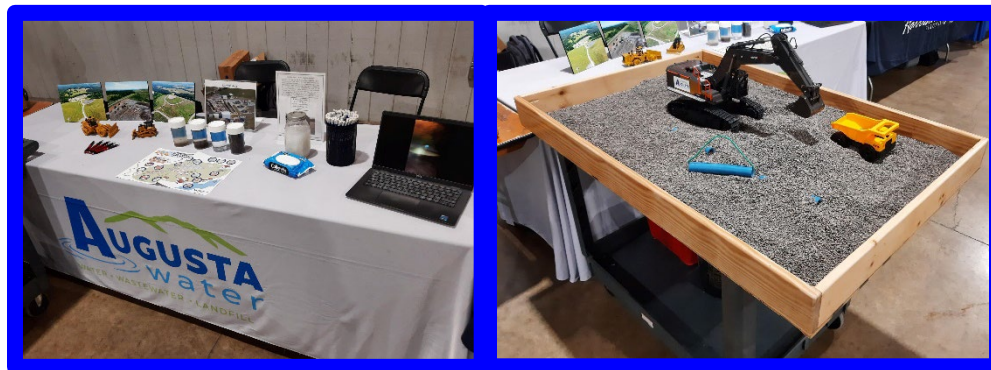
Employees who helped with the event were: Faun Runkle, Hal McWhorter, Jim Gregory, Nick King, Evan Mathis, Donna Newman, Jason Cook, Tony Truslow, Eric Stevens, Cory Hammer, and Jean Marshall.



**County Fair:** Augusta Water had a booth at the Augusta County Fair from July 25 through July 29, 2023. Visitors to our booth had a chance to play Toilet Bowl Corn Hole, which helped educated them on items that should never be flushed down the toilet and the consequences of flushing these items.

There were 14 employees who helped with the event: Jean Marshall, Sallie Trimble, Phil Martin, Faun Runkle, Donna Newman, Jason Cook, Kristen Desper, Jason Wills, Timmy Campbell, Madison Kelly, Greg Baker, Chris Stallard, Kenny Furr, and Rosana Rivera.

**Worlds of Work Career Fair:** Augusta Water and the Augusta Regional Landfill attended the annual Worlds of Work career fair on October 11, 2023. 2,500 7<sup>th</sup> grade students from Staunton City, Waynesboro City, Harrisonburg City, and Augusta and Rockingham counties attended this career fair. Donna Newman showcased the display for Field Operations, consisting of a remote-control excavator the students could use to test their operating skills by attempting to scoop up rocks and dump them into the bed of a dump truck. Faun Runkle showcased the display for Treatment Operations, consisting of mason jars containing samples from different steps of the Wastewater Treatment process. The booth also included videos of water main breaks along with pictures and replicas of our equipment to showcase the Augusta Regional Landfill. Students were able to take home company-branded pencils and pens.

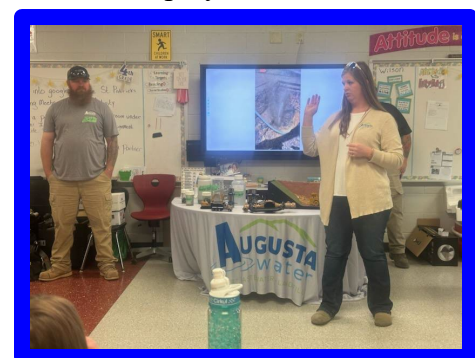


**Laura Righter - Plant Supervisor**  
**James Truxell – Office/PUS Supervisor**

PPE and explain how we ensure everyone is protected while doing their job. Laura Righter showcased the display for Treatment Operations, consisting of mason jars containing samples from different steps of the Wastewater Treatment process and created her own PowerPoint presentation to explain what our operators' jobs entail. James Truxell showcased a diorama of the Augusta Regional Landfill with replicas of some of our equipment, along with samples of the lining used at the bottom of each cell.

**Riverheads Elementary School Career Fair:** Augusta Water and the Augusta Regional Landfill attended a career fair at Riverheads Elementary School, for all 4<sup>th</sup> grade students on March 22, 2024. Jason Cook showcased a water meter display for Field Operations. In addition to the water meter, Jason presented various sizes of pipe “band-aids” and used a remote-control excavator to show how we use equipment to dig up existing water lines. Jason also shared a couple videos of water main breaks with the students. Nick King showcased a display of various PPE.

Nick was able to get a couple volunteers from each class to put on all the different types of



**Jason Cook – C&D Foreman**  
**Faun Runkle – Director of HR**

The kids thoroughly enjoyed a video James shared a video of the compactor running over boats and a trailer. Faun Runkle also attended, facilitating the introduction of Augusta Water and each volunteer. Faun provided each student with their own swag bag full of various items, such as a water bottles, whistles, pencils, lanyards, and other branded materials.



**Nick King – Safety Manager**

***Beverley Manor Middle School Agricultural Career Fair:*** Augusta Water and the Augusta Regional Landfill attended a career day at Beverley Manor Middle School, for all students on April 3, 2024. Donna Newman showcased a water meter and pipe “band-aid” display for Field Operations. In addition to the meter display for Field Operations, Jason Cook had an interactive table setup where the children could operate the remote-control excavator to attempt to pick up a piece of pipe. Field Operations also had a rolling video sharing water main breaks. Faun Runkle showcased the display for Treatment Operations, consisting of mason jars containing samples from different steps of the Wastewater Treatment process and also a replica of a water tower. Treatment Operations also had a rolling video sharing footage of a drone flying the height of the Mill Place water tower. Mike Mathis and Nick King showcased a diorama of the Augusta Regional Landfill with replicas of some of our equipment, along with samples of the lining used at the bottom of each cell. The Landfill also shared a rolling video of the compactor running over boats and a trailer. Students were able to take home various company-branded items such as pencils, frisbees, lanyards, and other items.



***Riverfest:*** Augusta Water attended Riverfest, a community event promoting environmental conservation and watershed stewardship in the Shenandoah River Basin, on April 27, 2024. Nick King created various model tanks that were displayed to explain the various steps in the wastewater treatment process. Children were able to pour water, rocks, mulch, and other items from a pitcher onto a screen to explain how we screen away all the non-organic items we cannot use during the treatment process. The next step was a tank comprised of brown colored water and a fish tank water bubbler to imitate the aeration process of treatment. Children were then able to spin a beam in a clarifier tank to visualize how the clear water is skimmed off the top of the tank. Lastly there was a display comprised of a tank full of water with LED lights shining through it to replicate our disinfection method. In addition to the wastewater treatment display,

there was a section of the table educating the public on flushable wipes. We had many volunteers that day, Jean Marshall, Donna Newman, Jason Wills, Laura Richter, Aaron Lucas, and Faun Runkle. Each volunteer took on a role of explaining a step in the treatment process, speaking with individuals as they admired the setup, and handed out a variety of information and giveaways.



## *Employee Appreciation*

**Employee Picnic:** Augusta Water thanked staff on July 12, 2023 by having an Employee Appreciation Picnic, approximately 94 employees attending. The catered picnic was held at the Frontier Culture Museum Lee S. Cochran Pavilion.

**Christmas Luncheon:** Augusta Water thanked staff on December 13, 2023 by having an Employee Appreciation Christmas Luncheon, with approximately 90 employees attending. The catered luncheon was held at the Frontier Culture Museum Lecture Hall.

## *Some Interesting Tidbits.....*

**SCADA (Supervisory Control and Data Acquisition):** The SCADA system continues to assist the operations staff by allowing continuous monitoring and control of facilities through a radio-based system. SCADA is continuing to be upgraded at existing sites by replacing the original RTUs with a SCADAPAK for improved reliability. SCADA radios are replaced on an as-needed basis. SCADA system HMIs for Fishersville, Stuarts Draft, Middle River, and the county wide system have received updates/improvements during FY24.

Overall, 100 sites are on SCADA with 28 of these sites using solar power. The Jolivue Tank mixing system is also solar powered. Two (2) Augusta Water and two (2) ACSB sewer pump stations are being monitored by OmniSiteBeacon and will notify operators of any alarm condition at each of the sites.

There were more than 3,200 texts (alarms) from SCADA which covers Stuarts Draft, Middle River, and Fishersville wastewater treatment plants, the county wide system, and all related pump/booster stations, and tanks to operators and plant maintenance in FY24.

**Augusta Water Security Program:** Three (3) video surveillance systems were replaced with more robust units during FY24. As indoor/outdoor lighting needs to be added or repaired, LED lighting is continuing to be installed to reduce operating costs and improve longevity. Efforts will be ongoing through FY25 to replace one video surveillance system including several monitors. Lighting upgrades, if needed, will be done at an additional location in FY25.

**Employee Health & Wellness Fair:** Augusta Water employees attended the Employee Health and Wellness Fair on September 13, 2023. Approximately 99 employees attended the Fair, with 24 employees participating in various health screenings. Twelve vendors were present at the event and provided information to employees regarding their services. Vendors attending the event included, The Amato Clinic, Augusta Health Workplace Wellness, Virginia Hearing Group, Central Shenandoah Health District (VDH), Crossfit, Planet Fitness, YMCA, Allstate, Valley Community Services Board, Willis Family Dentistry, Home Instead, and KareKonnections. Augusta Water's Safety Manager, Nick King, also displayed several PPE items for the employees to examine and ask questions about. Each employee who attended the Fair received a gift bag containing information regarding men's and women's health, heart health, and mental health, as well as nutritional snacks, and other helpful items.

## *Financial Summary*

### **Summary Statement of Financial Condition As of June 30, 2024**

Detailed financial statements will be available for inspection at the Augusta Water main office in Verona, Virginia and on the website at [www.augustawater.com/financials](http://www.augustawater.com/financials).

