



# Board of Directors Meeting

January 27, 2026

2:00pm



## BOARD OF DIRECTORS

### Regular Meeting of the Board of Directors of the Rivanna Solid Waste Authority

**DATE:** January 27, 2026

**LOCATION:** Albemarle County Service Authority, 168 Spotnap Road,  
Charlottesville, VA 22911

**TIME:** 2:00 p.m.

### AGENDA

**1. CALL TO ORDER**

**2. AGENDA APPROVAL**

**3. MINUTES OF PREVIOUS BOARD MEETING ON NOVEMBER 18, 2025**

**4. RECOGNITION**

**5. EXECUTIVE DIRECTOR'S REPORT**

**6. ITEMS FROM THE PUBLIC**

*Matters Not Listed for Public Hearing on the Agenda*

**7. RESPONSES TO PUBLIC COMMENTS**

**8. CONSENT AGENDA**

*a. Staff Report on Finance*

*b. Staff Report on Ivy Solid Waste and Recycling Center*

*c. Staff Report on Administration and Communications*

**9. OTHER BUSINESS**

*a. Presentation and Consider Vote to Accept: FY 25 Audit Report*

*Matthew McLearen, CPA, CFE, Managing Director, Robinson, Farmer, Cox Associates*

*b. Presentation: Rivanna Solid Waste Authority's Composting History*

*Phil McKalips, PG, Director of Solid Waste*

*(Motion and vote to Recess the RSWA Board Meeting)*

*(Motion and vote to Reconvene the RSWA in a Combined Session with the RWSA)*

- c. Presentation: 2023-2028 Strategic Plan Update  
Leah Beard, Director of Administration and Communications*
- d. Presentation: Asset Management Program Update  
Katie McIlwee, Asset Management Coordinator*
- e. Presentation: Grants Program Update  
Annie West, Sustainability and Grants Coordinator*
- f. Presentation: Safety Program Update  
George Cheape, Safety Manager*

*(Complete and close the RWSA meeting, then complete and close the RSWA meeting)*

***10. OTHER ITEMS FROM BOARD/STAFF NOT ON THE AGENDA***

***11. CLOSED MEETING***

***12. ADJOURNMENT***

## GUIDELINES FOR PUBLIC COMMENT AT RIVANNA BOARD OF DIRECTORS MEETINGS

If you wish to address the Rivanna Board of Directors during the time allocated for public comment, please raise your hand or stand when the Chairman asks for public comments.

Members of the public requesting to speak will be recognized during the specific time designated on the meeting agenda for “Items From The Public, Matters Not Listed for Public Hearing on the Agenda.” Each person will be allowed to speak for up to three minutes. When two or more individuals are present from the same group, it is recommended that the group designate a spokesperson to present its comments to the Board and the designated speaker can ask other members of the group to be recognized by raising their hand or standing. Each spokesperson for a group will be allowed to speak for up to five minutes.

During public hearings, the Board will attempt to hear all members of the public who wish to speak on a subject, but it must be recognized that on rare occasion comments may have to be limited because of time constraints. If a previous speaker has articulated your position, it is recommended that you not fully repeat the comments and instead advise the Board of your agreement. The time allocated for speakers at public hearings are the same as for regular Board meetings, although the Board can allow exceptions at its discretion.

Speakers should keep in mind that Board of Directors meetings are formal proceedings and all comments are recorded on tape. For that reason, speakers are requested to speak from the podium and wait to be recognized by the Chairman. In order to give all speakers proper respect and courtesy, the Board requests that speakers follow the following guidelines:

- Wait at your seat until recognized by the Chairman.
- Come forward and state your full name and address and your organizational affiliation if speaking for a group;
- Address your comments to the Board as a whole;
- State your position clearly and succinctly and give facts and data to support your position;
- Summarize your key points and provide the Board with a written statement, or supporting rationale, when possible;
- If you represent a group, you may ask others at the meeting to be recognized by raising their hand or standing;
- Be respectful and civil in all interactions at Board meetings;
- The Board may ask speakers questions or seek clarification, but recognize that Board meetings are not a forum for public debate; Board Members will not recognize comments made from the audience and ask that members of the audience not interrupt the comments of speakers and remain silent while others are speaking so that other members in the audience can hear the speaker;
- The Board will have the opportunity to address public comments after the public comment session has been closed;
- At the request of the Chairman, the Executive Director may address public comments after the session has been closed as well; and
- As appropriate, staff will research questions by the public and respond through a report back to the Board at the next regular meeting of the full Board. It is suggested that citizens who have questions for the Board or staff submit those questions in advance of the meeting to permit the opportunity for some research before the meeting.

The agendas of Board meetings, and supporting materials, are available from the RWSA/RSWA Administration office upon request or can be viewed on the Rivanna website.

Rev. September 7, 2022





**RSWA BOARD OF DIRECTORS**  
**Minutes of Regular Meeting**  
**November 18, 2025**

A regular meeting of the Rivanna Solid Waste Authority (RSWA) Board of Directors was held on November 18, 2025 at 2:00 p.m. at the Albemarle County Service Authority, 168 Spotnap Road, Charlottesville, VA 22911.

**Board Members Present:** Mike Gaffney, Brian Pinkston, Sam Sanders, Steven Hicks, Jeff Richardson, Jeffrey Dumars, Jim Andrews.

**Board Members Absent:** None

**Rivanna Staff Present:** Bill Mawyer, Phil McKalips, Lonnie Wood, David Tungate, Betsy Nemeth, Deborah Anama, Jacob Woodson, Jon Williams, Westley Kern, Daniel Campbell, Leah Beard.

**Attorney(s) Present** Valerie Long

**1. CALL TO ORDER**

Mr. Gaffney convened the November 18, 2025 regular meeting of the Board of Directors of the Rivanna Solid Waste Authority at 2:06 p.m.

**2. AGENDA APPROVAL**

**Mr. Andrews moved that the Board of Directors approve the Agenda. Mr. Sanders seconded the motion, which carried unanimously (7-0).**

**3. MINUTES OF PREVIOUS BOARD MEETING ON SEPTEMBER 23, 2025**

**Mr. Sanders moved that the Board of Directors approve the minutes. Mr. Andrews seconded the motion, which carried unanimously (7-0).**

**4. RECOGNITION**

*a. Resolution of Appreciation for Jim Andrews, RSWA Board Member*

***Resolution of Appreciation for Mr. Jim Andrews***

*WHEREAS, Mr. Andrews has served as a member of the Rivanna Solid Waste Authority Board of Directors since January 2022; and*

*WHEREAS, over that same period Mr. Andrews has demonstrated leadership in solid waste and recycling services and has been a valuable member of the Board of Directors and a resource to the Rivanna Solid Waste Authority; and*

*WHEREAS, Mr. Andrews' understanding of the solid waste and recycling operations of the Solid Waste Authority has supported a strategic decision-making process that provided benefits to the customers served by the County of Albemarle as well as the community as a whole. During Mr. Andrews' tenure, major initiatives and projects were strategically implemented for the Authority including:*

- construction of the Southern Albemarle Convenience Center for collection of recyclable materials and household refuse
- construction of a new Baling Facility at the Ivy Solid Waste & Recycling Center for recyclable materials
- planning for a new Northern Albemarle Convenience Center
- a large clean fill disposal program at the Ivy Solid Waste & Recycling Center
- and a 5-year Strategic Plan to provide direction for the programs of the Authority

*NOW, THEREFORE, BE IT RESOLVED that the Rivanna Solid Waste Authority Board of Directors recognize, thank, and commend Mr. Andrews for his distinguished service, efforts, and achievements as a member of the Rivanna Solid Waste Authority, and present this Resolution as a token of esteem with best wishes in his future endeavors.*

*BE IT FURTHER RESOLVED that this Resolution be entered upon the permanent Minutes of the Rivanna Solid Waste Authority.*

*Michael Gaffney, Chairman*  
*Jeffrey Dumars*  
*Steven Hicks*  
*Brian Pinkston*  
*Jeff Richardson*  
*Sam Sanders*

**Mr. Pinkston moved that the Board of Directors adopt the Resolution of Appreciation for Jim Andrews. Mr. Richardson seconded the motion, which carried unanimously (7-0).**

Mr. Andrews stated that he was honored to have had the opportunity to work with this Authority, and he would like to extend his gratitude to the dedication of all employees in their recycling efforts, landfill management, and solid waste initiatives. He stated that it had been a pleasure collaborating with staff.

*b. Resolution of Appreciation for Brian Pinkston, RSWA Board Member*

### *Resolution of Appreciation for Mr. Brian Pinkston*

*WHEREAS, Mr. Pinkston has served as a member of the Rivanna Solid Waste Authority Board of Directors since January 2022; and*

*WHEREAS, over that same period Mr. Pinkston has demonstrated leadership in solid waste and recycling services and has been a valuable member of the Board of Directors and a resource to the Rivanna Solid Waste Authority; and*

69        *WHEREAS, Mr. Pinkston's understanding of the solid waste and recycling operations of the*  
70        *Solid Waste Authority has supported a strategic decision-making process that provided benefits to*  
71        *the customers served by the City of Charlottesville as well as the community as a whole. During*  
72        *Mr. Pinkston's tenure, major initiatives and projects were strategically implemented for the*  
73        *Authority including:*

- 74        - *construction of the Southern Albemarle Convenience Center for collection of recyclable*  
75        *materials and household refuse*
- 76        - *construction of a new Baling Facility at the Ivy Solid Waste & Recycling Center for*  
77        *recyclable materials*
- 78        - *planning for a new Northern Albemarle Convenience Center*
- 79        - *a large clean fill disposal program at the Ivy Solid Waste & Recycling Center*
- 80        - *and a 5-year Strategic Plan to provide direction for the programs of the Authority*

81        *NOW, THEREFORE, BE IT RESOLVED that the Rivanna Solid Waste Authority Board of*  
82        *Directors recognize, thank, and commend Mr. Pinkston for his distinguished service, efforts, and*  
83        *achievements as a member of the Rivanna Solid Waste Authority, and present this Resolution as a*  
84        *token of esteem with best wishes in his future endeavors.*

85        *BE IT FURTHER RESOLVED that this Resolution be entered upon the permanent Minutes of*  
86        *the Rivanna Solid Waste Authority.*

87                                *Michael Gaffney, Chairman*  
88                                *Jim Andrews*  
89                                *Jeffrey Dumars*  
90                                *Steven Hicks*  
91                                *Jeff Richardson*  
92                                *Sam Sanders*

93        **Mr. Sanders moved that the Board of Directors adopt the Resolution of Appreciation for**  
94        **Brian Pinkston. Mr. Dumars seconded the motion, which carried unanimously (7-0).**

95        Mr. Pinkston stated he appreciated the dedication and professionalism displayed by the Authority  
96        and the organizations involved. He stated that although it may not always be visible, the impact  
97        was significant. He stated that he had been consistently impressed by the caliber of work being  
98        done in Charlottesville and Albemarle, and he believed this represented the best of their  
99        community.

## 100        **5. EXECUTIVE DIRECTOR'S REPORT**

101        Mr. Mawyer recognized Leah Beard, who was selected as the new Director of Administration  
102        and Communications, replacing Betsy Nemeth, who was retiring. He stated that Ms. Beard had  
103        been with them for two years and had extensive experience in Human Resources along with two  
104        degrees, including a Bachelor's Degree in Art/Education and a Master's Degree in Public  
105        Administration. He stated that although Ms. Beard was an RWSA employee, she would support  
106        the RSWA as joint administrative staff.

107 Mr. Mawyer stated they also celebrated Employee Appreciation a week ago at Ivy SWRC with  
108 staff. They presented service awards to Kierra Ward (5 years) and Phil McKalips (10 years).

109 Mr. Mawyer stated that Ms. Beard and Ms. Alisa Cooper also received Workers Compensation  
110 training that was very beneficial. He stated the Finance team attended the Virginia Government  
111 Finance Officers Association conference in Charlottesville the previous week, gaining more  
112 education and networking opportunities. He stated that networking at these conferences was  
113 particularly valuable in meeting people and establishing contacts.

114 Mr. Mawyer stated that they continued to increase transfer tonnage at Ivy, with an average over  
115 307 tons per day in September. He stated that it was attributed to renovation work at UVA. He  
116 stated that tonnage continued to grow year-over-year, and it had almost doubled since 2021.

117 Mr. Mawyer stated they received a grant of \$7500 from the Virginia DEQ for a litter recycling  
118 program. He stated they celebrated America Recycles Day on November 15<sup>th</sup>. He stated they had  
119 recycling centers at the McIntire, Ivy and the Southern Albemarle facility, and they looked  
120 forward to the new Northern Area Convenience Center opening in the future.

121 Mr. Mawyer stated they completed Special Collection days for household hazardous waste and  
122 other items, with over 1,000 vehicles coming through in two days, resulting in 30,000 pounds of  
123 furniture and mattresses, 25,000 pounds of appliances, and 113 deliveries of tires, all from  
124 residents.

125 Mr. Mawyer stated they received an award from the United Way Day of Caring program for  
126 their "Impact in Habitat Restoration" initiative. He stated the award was for the oyster shell  
127 program, where they collected shells at McIntire, transported them to Ivy to dry and cure, and  
128 then bagged them with assistance from community organizations. He stated they then took the  
129 shells to the VCU facility at the Rice Center where they are reseeded and planted in the bay. He  
130 stated that a single oyster could clean over 50 gallons of raw water per day. He stated that David  
131 Rhoades, Solid Waste Manager, and Wesley Kern, Communications and Outreach Coordinator,  
132 accepted the award on behalf of the Authority.

133 Mr. Mawyer stated the eighth annual pumpkin smash at McIntire yielded over 3,000 pounds of  
134 pumpkins, nearly double what they received last year, indicating a growing program that has  
135 been well-received by the community. He stated that in line with their strategic plan's priority of  
136 infrastructure and planning, they had new photos of the baling facility, showing concrete  
137 placement. He stated the facility was under construction and was expected to be open by mid-  
138 year in 2026.

139 Mr. Mawyer stated that the solar farm at Ivy was substantially complete with Dominion Energy  
140 scheduled to generate electricity next month.

141 Mr. Mawyer stated that they had met with the budget subcommittee, Mr. Hicks, and Mr. Dumars  
142 twice to review the draft budget, which they would present to the Board in March. He stated that  
143 the preliminary budget for next year was approximately \$11.7 million.

144 **6. ITEMS FROM THE PUBLIC**

145 There were none.

146 **7. RESPONSES TO PUBLIC COMMENTS**

147 There were none.

148 **8. CONSENT AGENDA**

149 *a. Staff Report on Finance*

150 *b. Staff Report on Ivy Solid Waste and Recycling Center*

151 *c. Staff Report on Administration and Communications*

152 *d. Approval of Board Meeting Schedule for Calendar Year 2026*

153 *e. Approval of the Holiday Schedule for Calendar Year 2026*

154 **Mr. Andrews moved that the Board of Directors approve the Consent Agenda. Mr.**  
155 **Pinkston seconded the motion, which carried unanimously (7-0).**

156 **9. OTHER BUSINESS**

157 *a. Presentation: Enhanced Employee Safety with "OK Alone" System*

158 Daniel Campbell, Director of Operations and Environmental Services, stated he would be  
159 discussing an optimization initiative that began a few months ago. He stated he was asked to  
160 investigate lone worker safety verification for both authorities. He stated the operational  
161 optimization goal, as outlined in the strategic plan, focused on efficiency, reliability, and safety.  
162 He stated that they were transitioning from a traditional two-way radio safety verification  
163 program to a technology-based system. He stated the new system would enhance the worker  
164 safety program for employees who worked alone.

165 Mr. Campbell stated that each Authority had employees who worked completely alone, stationed  
166 at various facilities, including the Southern Albemarle Area Convenience Center, the McIntire  
167 Recycling Center, and the Meade Avenue Baling Facility. He stated that, currently, the lone  
168 worker safety verification was done using two-way radios. He explained that when the Moores  
169 Creek Administrative Office was open, administrative staff conducted radio checks every two  
170 hours with workers. He stated they would check in, confirm their start time, and then log the  
171 safety check in Microsoft Teams. He stated that every two hours, they radio checked with the  
172 workers to ensure they were okay and everything was in order.

173 Mr. Campbell stated that if there was no response, they tried a few times and then reached out to  
174 the manager to report the missed safety check. He stated the process was in place 24/7, and at the  
175 end of the day, when the Moores Creek Administrative Office closed, the duties were transferred

176 to Operators at the South Rivanna Water Treatment Plant, who continued to check with lone  
177 workers in both authorities.

178 Mr. Campbell stated he would discuss the transition to OKALONE. He stated that when they  
179 began researching the program, they were looking for an option that met their specific needs. He  
180 stated the situation was unique, and he even spoke with the Virginia Department of Health about  
181 other water and wastewater utilities that had employees working alone.

182 Mr. Campbell stated they had determined OKALONE was the best fit because it could be  
183 installed on the existing RWSA cell phones, and it did not require additional hardware. He stated  
184 the software was fully customizable, allowing them to build the program exactly as they needed  
185 it. Additionally, OKALONE offered third-party employee monitoring, which they could use if  
186 they wanted to outsource the monitoring process.

187 Mr. Campbell stated the established process for a missed check-in was outlined as follows:  
188 When an employee arrived at work, they would clock in and start their shift, and if two hours  
189 passed and they did not check in, the system would automatically send an email and a text  
190 message, stating that they had missed their check-in with OKALONE. He stated that if 10 more  
191 minutes passed and they still had not checked in, the system would call them and send another  
192 text message.

193 Mr. Campbell stated that if the employee still had not been reached after 30 minutes, the system  
194 would reach out to the manager and supervisors to inform them that the employee had failed to  
195 check in. He stated the program was installed on more than 100 phones, covering both  
196 authorities. He stated the system was simple to use and intuitive, and they had established  
197 administrative procedures and instructional videos for workers and monitors. He stated the  
198 program allowed employees to check in, start their shift, and end their shift, as well as request  
199 help.

200 Mr. Campbell stated it also featured a "shake for help" option and a "man down" feature, which  
201 alerted management staff if a phone had been inactive for more than 60 minutes. He stated that  
202 the employee could initiate an emergency response to their supervisor with the click of a button.  
203 He stated that the system provided the employee's last known location through GPS, only when  
204 logged in and working. He stated that established monitors were in place for each group, and the  
205 system could be easily expanded to include additional employees.

206 Mr. Campbell stated that currently, the radio check system took about three and a half hours of  
207 labor per week, costing approximately \$5,500 per year. He stated that by moving to OKALONE,  
208 they could optimize labor and reduce costs. OKALONE costs about \$112 per employee per  
209 month, or \$4,000 per year, resulting in a savings of \$1,500 per year.

210 Mr. Andrews asked how the system worked if a cellphone battery died.

211 Mr. Campbell stated that a couple of features in their program for both authorities were worth  
212 mentioning. He stated that they had the connectivity feature, which displayed the status of the  
213 phone, battery life, and the connection quality. He stated that they also had the low connectivity  
214 feature option, which allowed for emergency alerts to be sent even with minimal cell signal. He  
215 stated that they had not eliminated the two-way radios, so facilities could still use them to contact

216 workers. He stated that the dashboard also included a check-in feature, which allowed monitors  
217 to update an employee's status in the case their phone battery was dead.

218 Mr. Richardson stated that he appreciated the staff's efforts in running the numbers on cost  
219 optimization. He asked if the \$1,500 in savings per year was for each employee or an aggregate  
220 amount.

221 Mr. Campbell stated that was the savings per year for the whole Authority, and he had separate  
222 figures for RWSA.

223 Mr. Richardson stated he was wondering if there was an overriding factor regarding workers'  
224 compensation or a state law that was driving the optimization. He asked if implementing the  
225 program would impact insurance rates.

226 Mr. Campbell stated that in his 16 years of experience in public utilities, every utility had had  
227 some form of safety check verification, particularly for water treatment plants when they were  
228 operating at night. He stated that many cities had police departments that could be contacted for  
229 verification or fire departments. He stated he would have to defer to Ms. Beard or Mr. Wood  
230 about specifics regarding worker's compensation or insurance premiums.

231 *b. Presentation: The Future of Solid Waste Programs*

232 Mr. Mawyer stated that over the past several years, he had discussed the future of solid waste  
233 programs. He noted there are six waste disposal cells at the Ivy landfill, three of which were  
234 unlined. He stated that most of the challenges they faced in the future with solid waste could be  
235 anticipated. He stated they would experience capacity issues with the landfills, as well as  
236 contaminants, particularly emerging contaminants like PFAS. He stated sustainability would  
237 remain a key aspect of their operations. He stated they must also contend with regulations from  
238 Federal and State agencies, technological advancements, and affordability of programs.

239 Mr. Mawyer stated that our community was fortunate to have a stable economy, driven by the  
240 presence of UVA. He stated they were also experiencing a growing population, with significant  
241 increases predicted between 2020 and 2050. He stated that according to Weldon Cooper's  
242 projections, Albemarle's population was expected to rise by 36%, while Charlottesville's would  
243 increase by 24%. He stated they also considered the City's rezoning strategies to increase and  
244 improve housing, as well as education, research, and manufacturing initiatives led by the UVA  
245 and the UVA Foundation. Mr. Mawyer stated that these initiatives would contribute to an  
246 increase in construction, which was a significant contributor to solid waste. He stated that over  
247 20% of debris nationwide came from construction and demolition debris. He stated that in  
248 Albemarle and Charlottesville, they had transitioned away from landfilling waste and now  
249 utilized a transfer station to manage refuse.

250 Mr. Mawyer stated that currently, their waste was transported to the Old Dominion Landfill in  
251 Henrico County. He stated that nationally, statistics indicated that 4.9 pounds of trash per person  
252 per day was generated, and there were approximately 10,000 landfills in the country, but only  
253 3,000 remained active. He stated that the VDEQ estimated there were 20 years of landfill  
254 capacity remaining in the state, and the Old Dominion Landfill in Henrico was expected to reach  
255 capacity in about 15 years.

Mr. Mawyer stated the refuse transfer strategy had been highly successful. He stated that the number of vehicles crossing the scales at Ivy had a notable increase since 2018, when they built the new transfer station. He stated that in 2019, they had reduced the MSW charges from \$66 to \$54 per ton, resulting in an increase in tonnage at Ivy. He stated that the number of vehicles continued to increase, from approximately 40,000 vehicles per year to over 80,000 vehicles per year.

Mr. Mawyer stated that the Southern Albemarle Convenience Center had been built, and they were now at the threshold of starting the Northern Albemarle Convenience Center. He stated that they were also constructing a baling facility at Ivy to increase recyclable material baling. He stated that at Meade Avenue, they currently had one baling machine, but they would have two at the new facility in Ivy. He stated that for sustainability, they partnered with Dominion Energy to install a solar farm at the Ivy facility.

Mr. Mawyer stated that e-waste data was extensive, with 62 million tons generated annually. He stated that according to 2022 statistics, only 17% of e-waste was recycled. He stated they were implementing a lithium battery program to capture problematic batteries that created fires. He stated they were soliciting a special facility to house these batteries. He noted that electronic and battery waste were growing components of the landfill streams.

Mr. Mawyer stated that paper and cardboard were the most recycled products, while plastics were one of the least and a growing challenge. He stated that only 9% of plastics were being recycled, and the statistics showed 9 million tons of plastic entered the ocean every year and 35 billion plastic water bottles were being disposed of annually.

Mr. Mawyer stated that the Great Pacific Garbage Patch, a floating island of garbage twice the size of Texas was a significant concern. He stated that plastics posed a health risk, and finding solutions was becoming increasingly complex. He stated that artificial intelligence was being used to help sort waste, with companies like AMP Robotics and the Recycling and Disposal Solutions Company in Portsmouth pioneering this technology. He stated they were exploring the possibility of implementing robotics at the transfer station and baling facility to reduce landfilling and increase recycling.

Mr. Mawyer stated they coordinated with the Southeastern Public Service Authority (SPSA) in the Hampton Roads area, and they had developed a steam-to-energy facility that was no longer in service. He stated that SPSA was currently transporting 1,000 tons of daily trash to their landfill in Suffolk, which was expected to reach capacity by the end of next year. As a result, they had contracted with a company using AMP Robotics for \$450 million to install a robotic system to help sort their refuse and extend the life of the landfill. He stated that SPSA were applying for a landfill expansion to create the necessary capacity through 2060. He stated the robotics system would help extend the life of the facility if approved.

Mr. Mawyer stated that emerging contaminants, such as PFAS found in leachate, posed a concern. He stated that leachate was formed when rainwater seeped through unlined cells, carrying contaminants into the soil and water. He stated that even with lined cells, water could occasionally infiltrate, producing leachate. He stated the leachate at Ivy was pumped and stored in a leachate pond, before being transported to the Moores Creek wastewater treatment plant.



297 Mr. Mawyer stated that wastewater was processed, and residuals were dried to create biosolids.  
298 He stated that biosolids were transported to McGill Environmental, located south of Richmond.  
299 He stated that there was a growing issue with biosolids due to PFAS contamination. He stated  
300 the wastewater treatment process did not remove PFAS, and there was no regulatory requirement  
301 to do so. He stated this issue could have far-reaching consequences in the future. He stated if  
302 PFAS removal from biosolids became a requirement, they would need to address the leachate  
303 issue. He stated that one potential solution was to install a PFAS removal system at the Ivy  
304 facility before transporting the leachate to the wastewater treatment plant.

305 Mr. Mawyer stated there were innovative technologies available, such as bioreactor landfills,  
306 which could reduce refuse and create capacity. He stated that leachate would be added  
307 intentionally to facilitate the reaction. He stated that composting and other advanced  
308 technologies were also available. Mr. Mawyer stated they coordinated state-wide with a number  
309 of organizations, and the benefits of networking with other authorities, particularly larger ones  
310 like SPSA, were significant.

311 Mr. Mawyer stated that in summary, landfill capacity will be a state and national issue over the  
312 next 20 years. He stated that regulatory requirements, particularly with PFAS, leachate, and bio-  
313 solids, would increase the complexity and cost of refuse disposal. He stated that they hoped that  
314 technology, similar to what they discussed with OKALONE, would help them find solutions to  
315 provide affordable solutions, along with regional partnerships.

316 Mr. Mawyer stated that public awareness and education were crucial, particularly for recycling  
317 and what could be recycled, including lithium batteries. He stated that they were launching an  
318 initiative to educate the public on keeping batteries out of the waste stream. He stated that their  
319 long-term strategic plan, which extended until 2028, would guide their decisions.

320 Mr. Andrews stated that when single-stream recycling was used, it could sometimes result in the  
321 loss of recyclability for certain materials that could have been recycled if they were source  
322 separated. He asked if the robotic sorting would overcome that issue.

323 Mr. Mawyer stated yes, as the robots were used to sort what could be landfilled and recycled. He  
324 stated that staff separated materials at the recycling centers, but the refuse stream at the transfer  
325 station was single source.

326 Mr. Gaffney asked if they knew how much trash was generated locally per capita. He asked if  
327 they could create a campaign to reduce the per capita generation.

328 Mr. Mawyer stated that to reduce per capita generation, they would probably have to increase  
329 education efforts and the number of facilities to make recycling more convenient.

330 Mr. Gaffney stated that one thing that Denmark had implemented was worth considering by the  
331 City and County. He stated that they did not allow Amazon packages, which meant no shipments  
332 and no boxes.

333 Mr. Gaffney asked how much leachate they produced.

334 Mr. Mawyer stated that they averaged approximately 4,000 gallons per day.

335 Mr. Gaffney asked if removing PFAS would make leachate processing more expensive.

336 Mr. Mawyer stated that it would be more expensive to remove PFAS from leachate or  
337 wastewater. He stated that they could use GAC filtering, but they would need to greatly increase  
338 the number of GAC vessels to provide adequate treatment capacity.

339 ***10. OTHER ITEMS FROM BOARD/STAFF NOT ON THE AGENDA***

340 There were none.

341 ***11. CLOSED MEETING***

342 There was no reason for a closed meeting.

343 ***12. ADJOURNMENT***

344 **Mr. Pinkston moved that the Board of Directors adjourn the meeting at 2:49 p.m. Mr.**  
345 **Richardson seconded the motion, which carried unanimously (7-0).**

## MEMORANDUM

**TO: RIVANNA SOLID WASTE AUTHORITY  
BOARD OF DIRECTORS**

**FROM: BILL MAWYER, EXECUTIVE DIRECTOR**

**SUBJECT: EXECUTIVE DIRECTOR'S REPORT**

**DATE: JANUARY 27, 2026**

### **Welcome New Board Members!**

We are pleased to have two new Board members: Lloyd Snook, Charlottesville City Councilor, has joined our Board again. Mr. Snook served on our Board from January 2020 - December 2021. Also, joining the RSWA Board is Ann Mallek, Albemarle County Supervisor, who has served on our RWSA Board since 2022. Welcome, Mr. Snook and Ms. Mallek!

*STRATEGIC PLAN PRIORITY: EMPLOYEE DEVELOPMENT*

### **Welcome New Human Resources Manager**

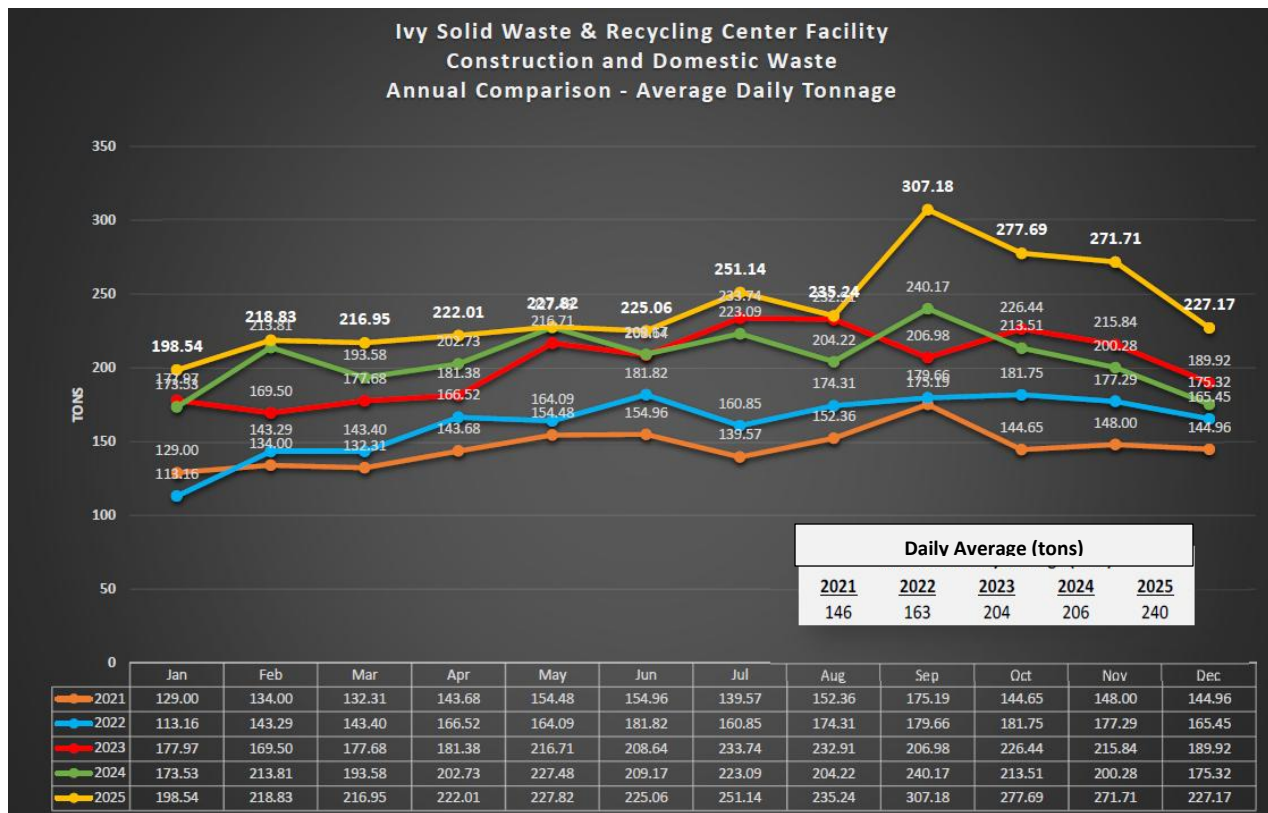
Welcome to LaToya Smith, our new Human Resources Manager. LaToya holds a Bachelor's and Master's degree in Business Administration with a concentration in Human Resources Management, and has certifications in Leadership Development and Engagement & Inclusion. Prior to joining us, LaToya served as Employee Relations Manager with a nationwide IT consulting firm.

*STRATEGIC PLAN PRIORITY: OPTIMIZATION AND RESILIENCY*

### **Transfers from the Ivy Solid Waste and Recycling Center:**

Average daily refuse transfer volume has increased from 145 tons per day in December 2021 to 227 tons per day in October 2025, as shown below:

<b>November 2025</b>	<u>Vehicles</u> <b>6,525</b>	<u>Avg MSW &amp; CDD Tons/Day</u> <b>273</b>
<b>December 2025</b>	<u>Vehicles</u> <b>5,722</b>	<u>Avg MSW &amp; CDD Tons/Day</u> <b>227</b>



## STRATEGIC PLAN PRIORITY: ENVIRONMENTAL STEWARDSHIP

### Free Mulch Program



Our Free Mulch Program was featured in the October 2025 issue of *The Municipal* magazine. Phil McKalips, Director of Solid Waste, provided insights into the program and the shared benefits to our community. In 2025, 700 tons of ground mulch was given away; diverting this organic waste from being landfilled.



### Electronic Waste Collection

The Ivy Solid Waste and Recycling Center will be the site for our Spring 2026 e-Waste Collection on Saturday, April 11<sup>th</sup>. This event provides free disposal of electronic waste for residents of Albemarle County and the City of Charlottesville. Pre-registration is required, and a link will be provided on March 12<sup>th</sup> at: <https://rivannasolidwaste.org/event/special-collection-day-e-waste/> Space is limited for this event. In our Fall 2025 e-Waste Collection, 337 customers participated: 60 from the City and 277 from the County.

### RSWA Special Collection Days

Spring Special Collection events are scheduled at the ISWRC. Registration is not required for any event, except E-waste on April 11.

### Spring 2026 Special Collection Days at Ivy Solid Waste & Recycling Center 4576 Dick Woods Road, Charlottesville for Albemarle County & Charlottesville Residents



#### E – Waste

(space is limited, pre-registration required)

**Saturday, April 11<sup>th</sup> 9am – 3pm**

#### Household Hazardous Waste

**Friday, April 17<sup>th</sup> 9am – 3pm**

**Saturday, April 18<sup>th</sup> 9am – 3pm**

#### Special Collection Days

**Saturday, April 25<sup>th</sup> 8:30am – 4pm**

**Furniture/Mattresses**

**Saturday, May 2<sup>nd</sup> 8:30am – 4pm**

**Household Appliances**

**Saturday, May 9<sup>th</sup> 8:30am – 4pm**

**Tires**

More information: [www.rivannasolidwaste.org/events/](http://www.rivannasolidwaste.org/events/)

Brought to you by the County of Albemarle, City of Charlottesville, and RSWA

*Working to Protect and Improve Our Environment!*

### *STRATEGIC PLAN PRIORITY: COMMUNICATION AND COLLABORATION*

### Cashless Program at Ivy SWRC

On February 2, 2026, customers will be required to pay with credit/debit cards or checks. Cash will no longer be accepted. This change was approved by the Board in July 2025. Information about this change has been communicated to customers for the last 6 months by:

- September 2025: Seven large banner signs (8 ft x 4 ft) posted at the ISWRC
- September 2025 and January 2026: Press Releases to media outlets
- September 2025: Notices posted on our website and social media accounts
- November 2025 thru January 2026 – Flyers were given to cash-paying customers at the ISWRC
- January 2026: Community Newsletter to 5000 subscribers
- January 2026: Illuminated message board at the ISWRC entrance



Flyer Front





## **Student Tour**

On January 21<sup>st</sup>, Scottsville Elementary School's 4<sup>th</sup> grade students toured the Southern Albemarle Convenience Center. Student tours focus on recycling education.

*STRATEGIC PLAN PRIORITY: PLANNING AND INFRASTRUCTURE*

## **Baling Facility**

Construction of the new Baling Facility is progressing. Contractor is working on steel structural framing and site work.



## **Ivy SWRC Solar Farm**

Solar panels and fencing have been completed.



**MEMORANDUM**

**TO: RIVANNA SOLID WASTE AUTHORITY  
BOARD OF DIRECTORS**

**FROM: LONNIE WOOD, DIRECTOR OF FINANCE**

**REVIEWED: BILL MAWYER, EXECUTIVE DIRECTOR**

**SUBJECT: NOVEMBER 2025 FINANCIAL SUMMARY**

**DATE: JANUARY 27, 2026**

Total operating revenues for the first five months of this fiscal year totaled \$3,023,100 and total operating expenses were \$4,877,300 which resulted in a \$1,854,300 net operating deficit through November. Funding support for operations and remediation of \$2,523,800 has been received. The Authority has processed 137,501 tons of waste and recycling products this fiscal year. A breakdown of net revenue or cost per ton, including overhead and administrative support costs, is shown below.

	<u>Ivy Operations</u>	<u>Ivy Transfer</u>	<u>Recycling</u>	<u>Total</u>
Tonnage	102,066	34,486	949	137,501
Net operating income (loss)	\$ 79,411	\$ (564,326)	\$ (705,816)	\$(1,190,731)
Net operating income (loss) per ton	\$ 0.78	\$ (16.36)	\$ (743.75)	\$ (8.66)

Attachments

**Rivanna Solid Waste Authority  
Revenue and Expense Summary Report  
FY 2026**

*For November 2025*

	<b>Budget FY 2026</b>	<b>Budget YTD</b>	<b>Actual YTD</b>	<b>Variance \$</b>	<b>Variance %</b>
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**Revenues**

Ivy Operations Tipping Fees	\$ 1,245,250	\$ 518,854	\$ 717,071	\$ 198,217	38.20%
Ivy Environmental Revenues	-	-	-	-	
Ivy MSW Transfer Tipping Fees	4,003,000	1,667,917	2,151,771	483,854	29.01%
County Convenience Centers	50,000	20,833	22,680	1,847	8.86%
Recycling Revenues	195,000	81,250	68,673	(12,577)	-15.48%
Other Revenues Administration	115,000	47,917	62,866	14,949	31.20%

Total Revenues	\$ 5,608,250	\$ 2,336,771	\$ 3,023,062	\$ 686,291	29.37%
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**Expenses**

Ivy Operations	\$ 1,147,651	\$ 478,188	\$ 505,290	\$ (27,102)	-5.67%
Ivy Environmental	1,233,525	513,969	504,684	9,284	1.81%
Ivy MSW Transfer	5,021,277	2,092,199	2,583,727	(491,528)	-23.49%
County Convenience Centers	823,729	343,220	334,462	8,759	2.55%
Recycling Operations	912,146	380,061	356,811	23,249	6.12%
Administration	1,437,514	598,964	592,348	6,616	1.10%

Total Expenses	\$ 10,575,842	\$ 4,406,601	\$ 4,877,321	\$ (470,721)	-10.68%
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<b>Net Operating Income (Loss)</b>	<b>\$ (4,967,592)</b>	<b>\$ (2,069,830)</b>	<b>\$ (1,854,260)</b>	<b>\$ 215,570</b>	<b>10.41%</b>
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**Other Funding Sources**

Local Government Support	\$ 3,337,313	\$ 1,390,547	\$ 1,668,658	\$ 278,110	20.00%
Environmental Support	1,630,278	679,283	855,130	175,847	25.89%
<b>Subtotal</b>	<b>\$ 4,967,591</b>	<b>\$ 2,069,830</b>	<b>\$ 2,523,787</b>	<b>\$ 453,957</b>	<b>21.93%</b>

<b>Net Income (Loss)</b>	<b>\$ (1)</b>	<b>\$ (0)</b>	<b>\$ 669,527</b>	<b>\$ 669,527</b>
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**Local Support Detail**

			<b>Annualized Payments</b>	<b>True-up Est. Due to / (Due from)</b>
County - Ivy Operations	\$ 233,030	\$ 97,096	\$ 97,096	\$ 176,507
County - Ivy Transfer	1,348,906	562,044	562,044	(2,282)
County - Convenience Centers	773,729	322,387	322,387	10,605
County - Recycling	687,154	286,314	286,314	10,490
County - Environmental MOU	999,941	416,642	499,970	-
	<u>\$ 4,042,760</u>	<u>\$ 1,684,483</u>	<u>\$ 1,767,811</u>	<u>\$ 195,320</u>
City - Recycling	\$ 294,495	\$ 122,706	\$ 122,706	4,496
City - Environmental MOU	550,355	229,315	275,178	-
	<u>\$ 844,850</u>	<u>\$ 352,021</u>	<u>\$ 397,884</u>	<u>\$ 4,496</u>
UVa - Environmental MOU	\$ 79,982	\$ 33,326	\$ 79,982	-
<b>Total Local Support</b>	<b>\$ 4,967,591</b>	<b>\$ 2,069,830</b>	<b>\$ 2,245,677</b>	<b>\$ 199,816</b>



Rivanna Solid Waste Authority  
Fiscal Year 2026 - November 2025  
Revenue and Expense Summary Report

FY 2026			Variance \$	Variance %
Budget FY 2026	Budget YTD	Actual YTD		

## Ivy Operations

### Revenues

Clean fill material	\$ 650,000	\$ 270,833	\$ 465,411	194,578	71.84%
Grindable material	486,000	202,500	193,864	(8,636)	-4.26%
Tires whole	14,250	5,938	8,586	2,649	44.61%
Tires and white good per item	35,000	14,583	23,248	8,665	59.41%
Material Sales	60,000	25,000	25,962	962	3.85%

<b>Total Operations Revenues</b>	<b>\$ 1,245,250</b>	<b>\$ 518,854</b>	<b>\$ 717,071</b>	<b>\$ 198,217</b>	<b>38.20%</b>
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### Expenses

Personnel Cost	\$ 409,451	\$ 170,605	\$ 180,290	\$ (9,685)	-5.68%
Professional Services	-	-	17,283	(17,283)	
Other Services and Charges	29,700	12,375	21,380	(9,005)	-72.77%
Communications	17,500	7,292	5,961	1,331	18.25%
Information Technology	34,000	14,167	1,024	13,143	92.77%
Vehicles and Equip. Maintenance	82,000	34,167	34,569	(402)	-1.18%
Supplies	10,000	4,167	1,404	2,763	66.31%
Operations and Maintenance	365,000	152,083	160,045	(7,962)	-5.24%
Environmental Remediations	-	-	-	-	
Equipment Replacement	200,000	83,333	83,333	0	0.00%

<b>Total Operations Expenses</b>	<b>\$ 1,147,651</b>	<b>\$ 478,188</b>	<b>\$ 505,290</b>	<b>\$ (27,102)</b>	<b>-5.67%</b>
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Allocation of Administration Costs	330,628	137,762	132,370	5,391	3.91%
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<b>Expenses With Admin Allocations</b>	<b>\$ 1,478,280</b>	<b>\$ 615,950</b>	<b>\$ 637,660</b>	<b>\$ (21,710)</b>	<b>-3.52%</b>
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<b>Net Operating Income (Loss)</b>	<b>\$ (233,030)</b>	<b>\$ (97,096)</b>	<b>\$ 79,411</b>	176,507	-181.79%
				<b>176,507</b>	

Summary of Local Support					
County	\$ 233,030	\$ 97,096	\$ 97,096	\$ -	
	<b>\$ 233,030</b>	<b>\$ 97,096</b>	<b>\$ 97,096</b>	<b>\$ -</b>	

Estimated True-up

\$ 176,507

Rivanna Solid Waste Authority  
Fiscal Year 2026 - November 2025  
Revenue and Expense Summary Report

Ivy Environmental

**Revenues**

	<b>FY 2026</b>			<b>Variance</b>	<b>Variance</b>
	<b>Budget FY 2026</b>	<b>Budget YTD</b>	<b>Actual YTD</b>	<b>\$</b>	<b>%</b>
Forestry Management Revenue	\$ -	\$ -	\$ -	-	
<b>Total Operations Revenues</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	

**Expenses**

Personnel Cost	\$ 235,675	\$ 98,198	\$ 102,534	\$ (4,337)	-4.42%
Professional Services	75,000	31,250	35,849	(4,599)	-14.72%
Other Services and Charges	8,200	3,417	2,711	706	20.66%
Communications	1,150	479	74	405	84.61%
Information Technology	-	-	-	-	
Vehicles and Equip. Maintenance	23,500	9,792	12,378	(2,586)	-26.41%
Supplies	-	-	-	-	
Operations and Maintenance	285,000	118,750	182,214	(63,464)	-53.44%
Environmental Remediations	345,000	143,750	60,592	83,158	57.85%
Equipment Replacement	260,000	108,333	108,333	(0)	0.00%
<b>Total Operations Expenses</b>	<b>\$ 1,233,525</b>	<b>\$ 513,969</b>	<b>\$ 504,684</b>	<b>\$ 9,284</b>	<b>1.81%</b>
Allocation of Administration Costs	396,754	165,314	158,845	6,470	3.91%
<b>Expenses With Admin Allocations</b>	<b>\$ 1,630,279</b>	<b>\$ 679,283</b>	<b>\$ 663,529</b>	<b>\$ 15,754</b>	<b>2.32%</b>
<b>Net Operating Income (Loss)</b>	<b>\$ (1,630,279)</b>	<b>\$ (679,283)</b>	<b>\$ (663,529)</b>	<b>15,754</b>	<b>-2.32%</b>

<b>Summary of Local Support</b>				
<b>County</b>	\$ 999,941	\$ 416,642	\$ 499,970	\$ (83,328)
<b>City</b>	550,355	229,315	275,178	\$ (45,863)
<b>Uva</b>	79,982	33,326	79,982	(46,656)
	<b>\$ 1,630,278</b>	<b>\$ 679,283</b>	<b>\$ 855,130</b>	<b>\$ (175,847)</b>

Rivanna Solid Waste Authority  
Fiscal Year 2026 - November 2025  
Revenue and Expense Summary Report

Ivy Transfer Station

FY 2026			Variance \$	Variance %
Budget FY 2026	Budget YTD	Actual YTD		

**Revenues**

MSW / Construction Debris	\$ 3,900,000	\$ 1,625,000	\$ 2,091,127	\$ 466,127	28.68%
Compostable Material	-	-	-	-	
Service Charges / other revenues	103,000	42,917	60,644	17,727	41.31%
<b>Total Operations Revenues</b>	<b>\$ 4,003,000</b>	<b>\$ 1,667,917</b>	<b>\$ 2,151,771</b>	<b>\$ 483,854</b>	<b>29.01%</b>

**Expenses**

Personnel Cost	\$ 747,130	\$ 311,304	\$ 319,294	\$ (7,990)	-2.57%
Professional Services	70,000	29,167	2,644	26,522	
Other Services and Charges	52,000	21,667	19,910	1,757	8.11%
Communications	21,100	8,792	15,806	(7,014)	-79.78%
Information Technology	55,000	22,917	1,488	21,429	93.51%
Vehicles and Equip. Maintenance	110,000	45,833	65,952	(20,119)	-43.90%
Supplies	10,000	4,167	4,211	(44)	-1.06%
Operations and Maintenance	3,827,548	1,594,811	2,104,421	(509,610)	-31.95%
Environmental Remediations	3,500	1,458	-	1,458	100.00%
Equipment Replacement	125,000	52,083	50,000	2,083	4.00%
<b>Total Operations Expenses</b>	<b>\$ 5,021,277</b>	<b>\$ 2,092,199</b>	<b>\$ 2,583,727</b>	<b>\$ (491,528)</b>	<b>-23.49%</b>
Allocation of Administration Costs	330,628	137,762	132,370	5,391	3.91%
<b>Expenses With Admin Allocations</b>	<b>\$ 5,351,906</b>	<b>\$ 2,229,961</b>	<b>\$ 2,716,097</b>	<b>\$ (486,136)</b>	<b>-21.80%</b>

**Net Operating Income (Loss)**      \$ (1,348,906)      \$ (562,044)      \$ (564,326)      (2,282)      0.41%

**Summary of Local Support**

<b>County</b>	\$ 1,348,906	\$ 562,044	\$ 562,044	\$ -
<b>City</b>	-	-	-	-
	<b>\$ 1,348,906</b>	<b>\$ 562,044</b>	<b>\$ 562,044</b>	<b>\$ -</b>

Estimated True-up      \$ (2,282)

Rivanna Solid Waste Authority  
Fiscal Year 2026 - November 2025  
Revenue and Expense Summary Report

County Convenience Centers

FY 2026			Variance \$	Variance %
Budget FY 2026	Budget YTD	Actual YTD		

Revenues

Material Sales	\$ 50,000	\$ 20,833	\$ 22,680	\$ 1,847	8.86%
Total Operations Revenues	\$ 50,000	\$ 20,833	\$ 22,680	\$ 1,847	8.86%

Expenses

Personnel Cost	\$ 603,429	\$ 251,429	\$ 258,982	\$ (7,553)	-3.00%
Professional Services	-	-	657	(657)	
Other Services and Charges	16,300	6,792	6,111	681	10.03%
Communications	19,000	7,917	7,737	179	2.27%
Information Technology	-	-	-	-	
Vehicles and Equip. Maintenance	105,000	43,750	27,818	15,932	36.42%
Supplies	-	-	-	-	
Operations and Maintenance	15,000	6,250	6,074	176	2.82%
Environmental Remediations	-	-	-	-	
Equipment Replacement	65,000	27,083	27,083	(0)	0.00%
Total Operations Expenses	\$ 823,729	\$ 343,220	\$ 334,462	\$ 8,759	2.55%
Allocation of Administration Costs	-	-	-	-	
Expenses With Admin Allocations	\$ 823,729	\$ 343,220	\$ 334,462	\$ 8,759	2.55%
Net Operating Income (Loss)	\$ (773,729)	\$ (322,387)	\$ (311,782)	10,605	-3.29%

Summary of Local Support				
County	\$ 773,729	\$ 322,387	\$ 322,387	\$ -
	\$ 773,729	\$ 322,387	\$ 322,387	\$ -

Estimated True-up \$ 10,605

**Rivanna Solid Waste Authority  
Fiscal Year 2026 - November 2025  
Revenue and Expense Summary Report**

FY 2026				
Budget FY 2026	Budget YTD	Actual YTD	Variance \$	Variance %

## Recycling

### McIntire & Paper Sort

## Revenues

Material Sales & other revenues	\$ 150,000	\$ 62,500	\$ 61,173	\$ (1,327)	-2.12%
Grants	45,000	18,750	7,500	(11,250)	-60.00%

**Total Operations Revenues**

\$ 195,000	\$ 81,250	\$ 68,673	\$ (12,577)	-15.48%
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## Expenses

Personnel Cost	\$ 528,996	\$ 220,415	\$ 234,714	\$ (14,299)	-6.49%
Professional Services	-	-	-	-	
Other Services and Charges	65,100	27,125	18,504	8,621	31.78%
Communications	3,400	1,417	4,877	(3,460)	-244.25%
Information Technology	10,000	4,167	-	4,167	0.00%
Vehicles and Equip. Maintenance	118,600	49,417	37,079	12,337	24.97%
Supplies	50	21	-	21	100.00%
Operations and Maintenance	86,000	35,833	19,971	15,862	44.27%
Environmental Remediations	-	-	-	-	0.00%
Equipment Replacement	100,000	41,667	41,667	0	0.00%

**Total Operations Expenses**

\$ 912,146	\$ 380,061	\$ 356,811	\$ 23,249	6.12%
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## Allocation of Administration Costs

264,503	110,209	105,896	4,313	3.91%
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### ***Expenses With Admin Allocations***

\$ 1,176,649	\$ 490,270	\$ 462,708	\$ 27,563	5.62%
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### Net Operating Income (Loss)

\$ (981,649)	\$ (409,020)	\$ (394,034)	14,986	-3.66%
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Summary of Local Support				
County	\$ 687,154	\$ 286,314	\$ 286,314	\$ -
City	294,495	122,706	122,706	-
	<b>\$ 981,649</b>	<b>\$ 409,020</b>	<b>\$ 409,020</b>	<b>\$ -</b>

### Estimated True-up - County

\$ 10,490

Estimated True-up - City

\$ 4,496

Rivanna Solid Waste Authority  
Fiscal Year 2026 - November 2025  
Revenue and Expense Summary Report

Administration

Revenues

FY 2026					
Budget FY 2026	Budget YTD	Actual YTD	Variance \$	Variance %	
Interest revenues	\$ 100,000	\$ 41,667	\$ 56,283	\$ 14,616	35.08%
Late Fees	15,000	6,250	6,583	333	5.33%
Total Operations Revenues	\$ 115,000	\$ 47,917	\$ 62,866	\$ 14,949	31.20%
Expenses					
Personnel Cost	\$ 237,614	\$ 99,006	\$ 105,969	\$ (6,963)	-7.03%
Professional Services	105,000	43,750	5,174	38,576	88.17%
Other Services and Charges	1,080,200	450,083	468,423	(18,340)	-4.07%
Communications	5,700	2,375	477	1,898	79.90%
Information Technology	8,000	3,333	11,483	(8,149)	-244.48%
Vehicles and Equip. Maintenance	-	-	-	-	
Supplies	1,000	417	822	(405)	-97.17%
Operations and Maintenance	-	-	-	-	
Environmental Remediations	-	-	-	-	
Equipment Replacement	-	-	-	-	
Subtotal Before Allocations	\$ 1,437,514	\$ 598,964	\$ 592,348	\$ 6,616	1.10%
Net Operating Income (Loss)	\$ (1,322,514)	\$ (551,047)	\$ (529,482)	21,566	-3.91%

Allocation to Cost Centers (per agreement)						
	Allocation %					
Ivy Operations	25%	\$ 330,628	\$ 137,762	\$ 132,370	\$ 5,391	-59.96%
Ivy Environmental	30%	396,754	165,314	158,845	6,470	-59.96%
Ivy Transfer	25%	330,628	137,762	132,370	5,391	-59.96%
County Convenience Centers	0%	-	-	-	-	
Recycling	20%	264,503	110,209	105,896	4,313	-59.96%
Total Allocation to Cost Centers	100%	\$ 1,322,514	\$ 551,047	\$ 529,482	\$ 21,566	-59.96%

December 1-31, 2025

Days of

Operation: 26

Operation: 26		MSW collected at Transfer Station (tons)						Non-MSW
		Vehicles	Count	Citizen-Can	Construction	Domestic	MSW Total	Total Tons
12/01/25	Monday	296	477	2.97	140.03	279.32	422.32	192.06
12/02/25	Tuesday	157	225	0.35	78.22	131.24	209.81	22.38
12/03/25	Wednesday	236	235	0.61	117.06	162.78	280.45	186.83
12/04/25	Thursday	301	335	1.71	168.65	134.47	304.83	391.79
12/05/25	Friday	39	52	0.19	13.22	17.36	30.77	0.65
12/06/25	Saturday	130	200	1.12	7.29	52.26	60.67	26.54
12/07/25	Sunday						-	
12/08/25	Monday	84	83	1.48	69.23	95.30	166.01	16.87
12/09/25	Tuesday	87	106	0.46	56.64	113.25	170.35	19.15
12/10/25	Wednesday	207	301	0.75	159.67	193.86	354.28	80.09
12/11/25	Thursday	255	329	1.23	212.97	161.74	375.94	482.54
12/12/25	Friday	319	361	0.63	113.28	130.14	244.05	1,123.25
12/13/25	Saturday	218	374	0.81	16.62	52.74	70.17	42.11
12/14/25	Sunday						-	
12/15/25	Monday	264	305	2.07	43.48	251.19	296.74	477.75
12/16/25	Tuesday	236	309	0.70	115.26	162.28	278.24	489.79
12/17/25	Wednesday	250	301	0.62	84.04	170.69	255.35	316.55
12/18/25	Thursday	267	332	1.48	96.73	185.55	283.76	249.69
12/19/25	Friday	207	263	0.79	128.41	85.01	214.21	33.43
12/20/25	Saturday	217	340	1.16	9.98	30.34	41.48	25.14
12/21/25	Sunday						-	
12/22/25	Monday	302	409	2.45	144.04	200.20	346.69	218.70
12/23/25	Tuesday	281	451	0.93	121.88	160.49	283.30	158.85
12/24/25	Wednesday	130	153	1.22	13.43	162.37	177.02	12.50
12/25/25	Thursday						-	
12/26/25	Friday	198	253	0.82	19.07	164.81	184.70	21.23
12/27/25	Saturday	253	293	0.76	6.79	115.72	123.27	5.63
12/28/25	Sunday						-	
12/29/25	Monday	291	364	3.19	53.30	251.00	307.49	13.73
12/30/25	Tuesday	277	310	0.83	74.97	169.79	245.59	36.20
12/31/25	Wednesday	220	279	1.02	73.78	134.38	209.18	50.09
Total		5,722	7,440	30.35	2,138.04	3,768.28	5,936.67	4,693.54
Average		220	286	1.17	82.23	144.93	228.33	180.52
Median		236	303	0.88	76.60	161.12	244.82	46.10
Maximum		319	477	3.19	212.97	279.32	422.32	1,123.25
Minimum		39	52	0.19	6.79	17.36	30.77	0.65

#### Material Type & Description

**Citizen-Can:** Roll-off container at the Ivy MUC Convenience Center-citizens dispose of prepaid trashbags

**Construction:** Construction/demolition debris (shingles, sheetrock, treated lumber, etc.)

**Count:** Transactions per item (appliances, hauling fees, service fees, tag-bag stickers, tires)

**Domestic:** Business/residential general or household waste

**MSW:** Materials processed/handled at the Transfer Station

**Non-MSW:** Materials processed/handled on-site

**Vehicle:** Transactions or vehicles processed in a day

**November 1-30, 2025**

Days of

Operation: **24**

Operation: 24		MSW collected at Transfer Station (tons)						Non-MSW
		Vehicles	Count	Citizen-Can	Construction	Domestic	MSW Total	Total Tons
11/01/25	Saturday	214	336	3.83	18.54	54.32	76.69	8.37
11/02/25	Sunday						-	
11/03/25	Monday	328	385	2.35	59.21	233.95	295.51	662.62
11/04/25	Tuesday	379	432	0.66	160.64	146.33	307.63	1,191.47
11/05/25	Wednesday	279	355	0.53	121.89	141.53	263.95	674.11
11/06/25	Thursday	307	360	1.62	46.86	176.70	225.18	719.61
11/07/25	Friday	258	384	0.67	123.14	100.79	224.60	94.77
11/08/25	Saturday	282	430	0.94	21.23	60.00	82.17	12.08
11/09/25	Sunday						-	
11/10/25	Monday	271	320	2.46	234.03	185.98	422.47	91.06
11/11/25	Tuesday	263	283	0.51	150.31	270.39	421.21	192.54
11/12/25	Wednesday	288	327	0.54	240.11	140.10	380.75	478.33
11/13/25	Thursday	246	312	1.50	203.65	128.64	333.79	153.30
11/14/25	Friday	264	281	0.74	154.57	149.41	304.72	377.44
11/15/25	Saturday	257	330	0.75	13.80	45.43	59.98	7.28
11/16/25	Sunday						-	
11/17/25	Monday	321	351	1.84	226.58	274.12	502.54	743.45
11/18/25	Tuesday	294	319	0.39	181.66	141.24	323.29	597.86
11/19/25	Wednesday	236	267	0.45	90.56	186.44	277.45	174.11
11/20/25	Thursday	292	338	1.37	203.68	157.73	362.78	547.75
11/21/25	Friday	289	406	0.63	190.49	121.59	312.71	395.45
11/22/25	Saturday	220	357	0.91	20.49	66.71	88.11	6.93
11/23/25	Sunday						-	
11/24/25	Monday	300	377	1.96	141.18	194.89	338.03	216.92
11/25/25	Tuesday	264	310	0.64	125.71	173.11	299.46	203.76
11/26/25	Wednesday	286	310	1.71	40.07	253.79	295.57	151.37
11/27/25	Thursday						-	
11/28/25	Friday	166	194	0.59	7.79	184.52	192.90	9.56
11/29/25	Saturday	221	290	0.61	17.42	139.60	157.63	17.10
11/30/25	Sunday						-	
Total		6,525	8,054	28.20	2,793.61	3,727.31	6,549.12	7,727.31
Average		272	336	1.18	116.40	155.30	272.88	321.97
Median		275	333	0.75	124.43	147.87	297.52	198.15
Maximum		379	432	3.83	240.11	274.12	502.54	1,191.47
Minimum		166	194	0.39	7.79	45.43	59.98	6.93

#### Material Type & Description

**Citizen-Can:** Roll-off container at the Ivy MUC Convenience Center-citizens dispose of prepaid trashbags

**Construction:** Construction/demolition debris (shingles, sheetrock, treated lumber, etc.)

**Count:** Transactions per item (appliances, hauling fees, service fees, tag-bag stickers, tires)

**Domestic:** Business/residential general or household waste

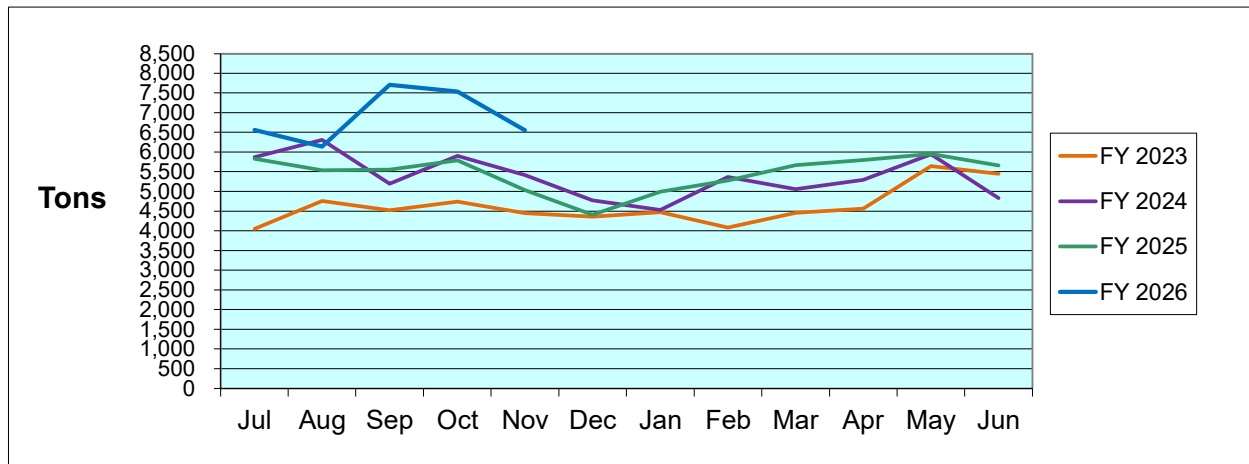
**MSW:** Materials processed/handled at the Transfer Station

**Non-MSW:** Materials processed/handled on-site

**Vehicle:** Transactions or vehicles processed in a day



Rivanna Solid Waste Authority  
Ivy MSW Transfer Tonnages  
FY 2023 - 2026





## MEMORANDUM

**TO: RIVANNA SOLID WASTE AUTHORITY  
BOARD OF DIRECTORS**

**FROM: DAVID RHOADES, SOLID WASTE MANAGER  
PHILLIP MCKALIPS, DIRECTOR OF SOLID WASTE**

**REVIEWED BY: BILL MAWYER, EXECUTIVE DIRECTOR**

**SUBJECT: IVY SOLID WASTE AND RECYCLING CENTER REPORT/  
RECYCLING OPERATIONS UPDATE**

**DATE: JANUARY 27, 2026**

### **Ivy Solid Waste and Recycling Center (ISWRC) : DEQ Permit 132: 450 tons/day MSW limit**

#### **November 2025**

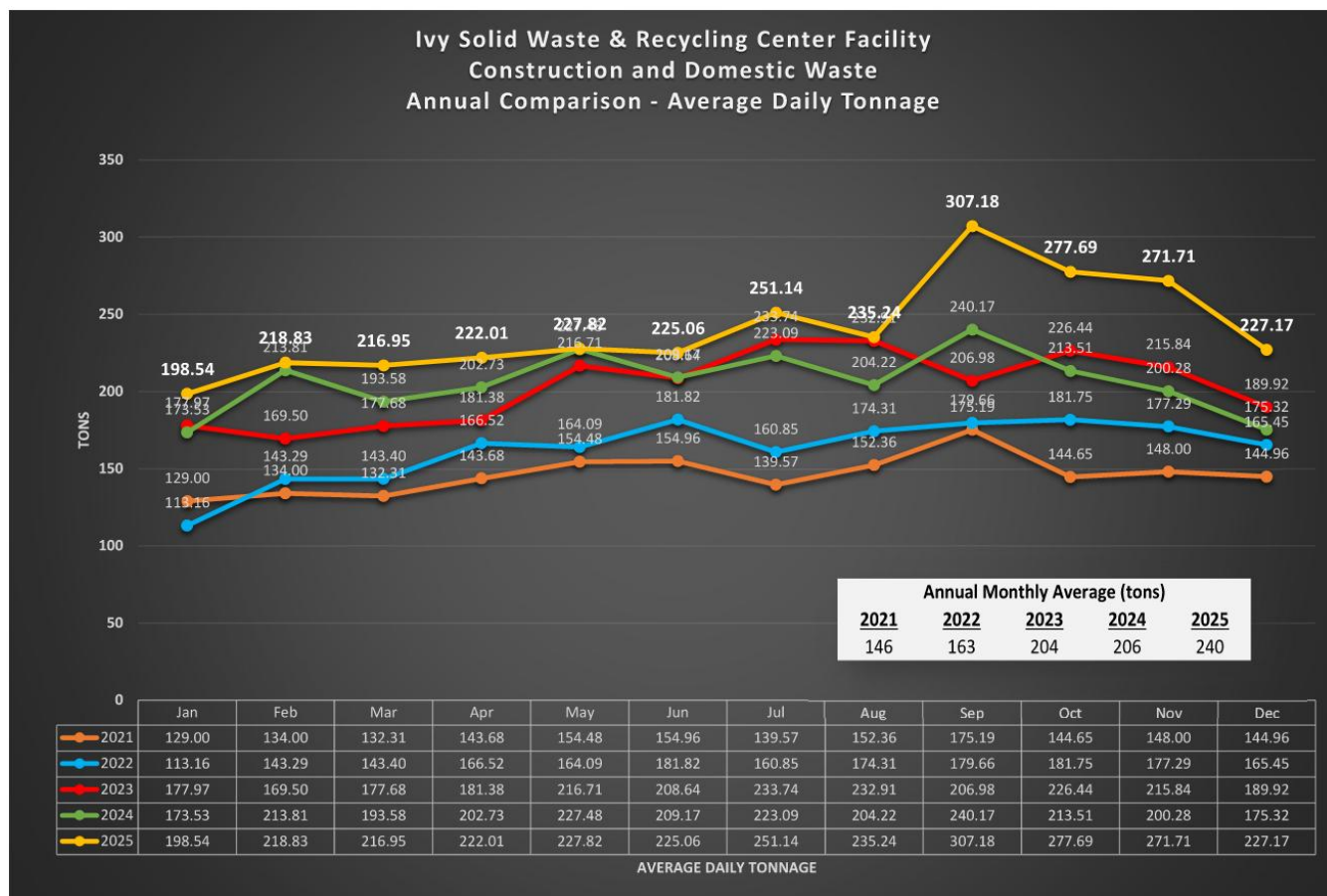
- 6,525 vehicles crossed the scales
- The ISWRC transfer station operated for 24 days and received a total of 3,727.31 tons of municipal solid waste (MSW), an average of 155.30 tons per day of operation. The monthly transfer station tonnage figures are attached to this report.
- 7,727.31 tons of non-MSW materials were received
- 11,452.62 tons were received as a combined total tonnage (MSW + non-MSW)

#### **December 2025**

- 5,722 vehicles crossed the scales
- The ISWRC transfer station operated for 26 days and received a total of 5,936.67 tons of municipal solid waste (MSW), an average of 228.33 tons per day of operation. The monthly transfer station tonnage figures are attached to this report.
- 4,693.54 tons of non-MSW materials were received
- 10,415.54 tons were received as a combined total tonnage (MSW + non-MSW)

### **Transfer Station Update**

Tonnages appear to generally be returning to normal although calendar year 2025 was consistently higher than preceding years.



## Outreach

We completed the following outreach efforts since the last Board Meeting:

- 1/21/2026 – Scottsville Elementary School – Southern Albemarle Convenience Center Tour
- 1/23/2026 – Markel Insurance – Ivy Tour

## Ivy Solid Waste and Recycling Center Cashless Program

On February 2, 2026, customers will be required to pay with credit/debit cards or checks at the Ivy Solid Waste and Recycling Center (ISWRC). Cash will no longer be accepted. Information about this change has been communicated to customers by:

- September 2025: Seven large banner signs (8ft. by 4ft.) posted at various locations at the ISWRC.
- September 2025 and January 2026: Press releases to media outlets
- September 2025: Notices posted on our website and social media accounts
- November 2025 thru January 2026: Flyers handed out to ISWRC customers
- January 2026: Community Newsletter to 5000 subscribers
- January 2026: Illuminated message board at entrance to ISWRC



Flyer Front





## MEMORANDUM

**TO:** RIVANNA SOLID WASTE AUTHORITY BOARD OF DIRECTORS

**FROM:** LEAH BEARD, DIRECTOR OF ADMINISTRATION AND COMMUNICATIONS

**REVIEWED BY:** BILL MAWYER, EXECUTIVE DIRECTOR

**SUBJECT:** ADMINISTRATION AND COMMUNICATIONS DIVISION REPORT

**DATE:** JANUARY 27, 2026

### Human Resources

Fiscal year-to-date turnover for the Rivanna Solid Waste Authority through January 19, 2026, is 0%.

LaToya Smith has joined the Authority as our new *Human Resources Manager*. LaToya brings several years of experience working closely with legal counsel in Employee Relations and Human Resources. She holds both Bachelor's and Master's degrees in Business Administration, with concentrations in Human Resources Management, and additional certifications in Leadership Development and Engagement & Inclusion.

### Communications & Outreach

Westley Kern, *Communications & Outreach Coordinator*, continues to support public awareness efforts through press releases, signage updates, newsletters, and digital communications related to the Ivy Solid Waste Transfer Station's transition to a cashless operation effective February 2, 2026.

Scottsville Elementary School 4th graders toured our Southern Albemarle Convenience Center on January 21, 2026, to learn more about our facilities and recycling priorities.

### Grants & Sustainability

Annie West, *Grants & Sustainability Coordinator*, is developing a Greenhouse Gas Dashboard to track energy usage across Rivanna Authorities' facilities.

### Safety

George Cheape, *Safety Manager*, George has been certified to provide in-house safety training for our employees.

### Grants & Safety Collaboration

Annie West, *Grants & Sustainability Coordinator*, collaborated with George Cheape, *Safety Manager*, and they have secured **\$3,900** in funding from the Virginia Risk Sharing Association to install a safety net at the Ivy Solid Waste Transfer Station. This improvement will help to prevent injuries and debris from potentially damaging nearby property.

## MEMORANDUM

**TO: RIVANNA SOLID WASTE AUTHORITY  
BOARD OF DIRECTORS**

**FROM: LONNIE WOOD, DIRECTOR OF FINANCE**

**REVIEWED BY: BILL MAWYER, EXECUTIVE DIRECTOR**

**SUBJECT: ANNUAL COMPREHENSIVE FINANCIAL REPORT  
FISCAL YEAR ENDING JUNE 30, 2025**

**DATE: JANUARY 27, 2026**

The Authority's Annual Comprehensive Financial Report for the fiscal year ending June 30, 2025 is included with your Board packet. A large part of preparing the financial statements involves having the financial reports audited for the purpose of obtaining an opinion from an independent Certified Public Accountant as to the accuracy of the information presented in the report.

The audit also reviews internal accounting controls and tests for compliance with relevant laws and regulations as a function of expressing the firm's opinion on the financial information. I am pleased to inform you that the Authority received an unmodified opinion, which is the highest opinion that the financial statements are materially accurate and fairly presented.

Mr. Matthew McLearen, a principal of the Charlottesville office of Robinson, Farmer, Cox Associates, will be at the meeting to give a brief review of the audit and discuss any audit findings the firm may have. A letter communicating several aspects of the review is attached for you as well.

I would also like to thank Kathy Ware, Senior Accountant, who performed much of the detailed work in the preparation of this report. The entire finance team deserves our appreciation for their hard work during the year in processing our transactions and for providing assistance during the audit.

This report will be submitted to the Certification Program of the Government Finance Officers Association.

### **Board Action Requested**

Accept the FY 2025 Annual Comprehensive Financial Report from Robinson, Farmer, Cox Associates.

Attachments: Annual Comprehensive Financial Report  
Communication with Those Charged with Governance



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**Communication with Those Charged with Governance**

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**To the Board of Directors  
Rivanna Solid Waste Authority**

We have audited the financial statements of financial statements of the business-type activities of Rivanna Solid Waste Authority for the year ended June 30, 2025. Professional standards require that we provide you with information about our responsibilities under generally accepted auditing standards, *Government Auditing Standards*, as well as certain information related to the planned scope and timing of our audit. We have communicated such information in our letter to you dated July 10, 2025. Professional standards also require that we communicate to you the following information related to our audit.

Significant Audit Matters

*Qualitative Aspects of Accounting Practices*

Management is responsible for the selection and use of appropriate accounting policies. The significant accounting policies used by Rivanna Solid Waste Authority are described in Note 1 to the financial statements. As described in Note 1 to the financial statements, the Authority adopted new accounting guidance GASB Statement No. 101, *Compensated Absences*. We noted no transactions entered into by the entity during the year for which there is a lack of authoritative guidance or consensus. All significant transactions have been recognized in the financial statements in the proper period.

Accounting estimates are an integral part of the financial statements prepared by management and are based on management's knowledge and experience about past and current events and assumptions about future events. Certain accounting estimates are particularly sensitive because of their significance to the financial statements and because of the possibility that future events affecting them may differ significantly from those expected. The most sensitive estimates affecting the Authority's financial statements was:

Management's estimate of the useful lives of depreciable assets is based on industry standards. Pension and OPEB estimates were determined by valuations performed by actuaries. We evaluated the key factors and assumptions used to develop the estimates in determining that they are reasonable in relation to the financial statements taken as a whole.

The financial statement disclosures are neutral, consistent, and clear.

*Difficulties Encountered in Performing the Audit*

We encountered no significant difficulties in dealing with management in performing and completing our audit.

*Corrected and Uncorrected Misstatements*

Professional standards require us to accumulate all known and likely misstatements identified during the audit, other than those that are clearly trivial, and communicate them to the appropriate level of management. Management has corrected all such misstatements. In addition, none of the misstatements detected as a result of audit procedures and corrected by management were material, either individually or in the aggregate, to each opinion unit's financial statements taken as a whole.



### *Disagreements with Management*

For purposes of this letter, a disagreement with management is a disagreement on a financial accounting, reporting, or auditing matter, whether or not resolved to our satisfaction, that could be significant to the financial statements or the auditors' report. We are pleased to report that no such disagreements arose during the course of our audit.

### *Management Representations*

We have requested certain representations from management that are included in the management representation letter dated October 29, 2025.

### *Management Consultations with Other Independent Accountants*

In some cases, management may decide to consult with other accountants about auditing and accounting matters, similar to obtaining a "second opinion" on certain situations. If a consultation involves application of an accounting principle to the entity's financial statements or a determination of the type of auditors' opinion that may be expressed on those statements, our professional standards require the consulting accountant to check with us to determine that the consultant has all the relevant facts. To our knowledge, there were no such consultations with other accountants.

### *Other Audit Findings or Issues*

We generally discuss a variety of matters, including the application of accounting principles and auditing standards, with management each year prior to retention as the entity's auditors. However, these discussions occurred in the normal course of our professional relationship and our responses were not a condition to our retention.

### Other Matters

We applied certain limited procedures to management's discussion and analysis and the schedules related to pension and OPEB funding, which are required supplementary information (RSI) that supplements the basic financial statements. Our procedures consisted of inquiries of management regarding 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 did not audit the RSI and do not express an opinion or provide any assurance on the RSI.

We were not engaged to report on the introductory section or statistical section which accompany the financial statements but are not RSI. Such information has not been subjected to the auditing procedures applied in the audit of the basic financial statements, and accordingly, we do not express an opinion or provide any assurance on it.

### Restriction on Use

This information is intended solely for the use of the Board of Directors and management of Rivanna Solid Waste Authority and is not intended to be, and should not be, used by anyone other than these specified parties.

*Robinson, Farmer, Cox Associates*  
(Charlottesville, Virginia)  
October 29, 2025





Compost Available for Sale at ISWRC

# RSWA's Composting History

Presented to the Rivanna Solid Waste Authority Board of Directors  
by Phil McKalips, Director of Solid Waste

January 27, 2026

# History of Composting at RSWA

- Large-scale composting operations were conducted at the ISWRC in the 1990s with food material from ConAgra. Stopped due to poor quality control of materials and objectionable odors.
- Food waste collection has been offered for many years at the McIntire Recycling Center.
- Composting of biosolids also occurred at Moores Creek but ended in 2007 due to odors.



“AgBag” composting similar to system used at ISWRC in 90s



# History

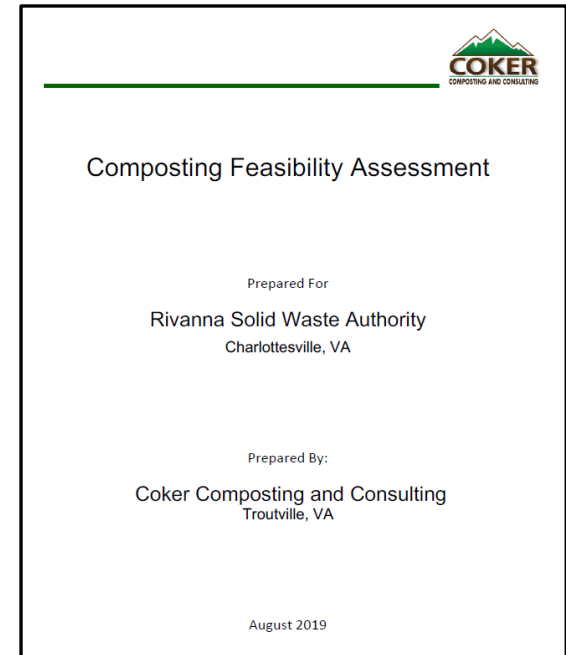
- In conjunction with UVA, compostable food waste was collected at ISWRC from UVA Grounds starting in January 2017. Initially material went to McGill Environmental in Waverly, VA but then began going to Black Bear Composting's facility in Crimora, VA.
- Following a competitive procurement process (April 2024), Natural Organic Process Enterprises began collecting compostable food waste from ISWRC and MRC and delivering it to Panorama Farms for processing.



Emptying a composting bin  
at McIntire Recycling Center

# Coker Composting Study

- In 2019, RSWA contracted with Craig Coker to complete a composting feasibility assessment.
- This study looked at existing composting options within Charlottesville and Albemarle County.
- Using data from the Weldon Cooper Center, the study projected the likely potential for growth in community composting and developed three options for community composting:
  - Composting of Food Waste Only
  - Composting of Biosolids & Water Treatment Residuals (WTR) Only
  - Composting of Biosolids/WTR and Food Waste combined



# Coker Study Conclusions

From an economic standpoint, the study suggested:

- continuing with Food Waste composting at an off-site facility
  - *note: at the time, Panorama Farm had not yet begun offering food waste composting*
- continuing with composting biosolids at an off-site facility
- If Food Waste composting was desired at ISWRC (up to ~2,000 tons per year) expect costs to be in the range of \$750,000 (in 2019 dollars) for equipment and construction and \$75,000 per year in operating costs.
- This program would require obtaining a permit from VA DEQ to operate a composting operation and additional staff/equipment.

# Other composting Programs

- Other composting activities in the community consist of a long-term operation by the City at locations in the City Market and Downtown Mall.
- Compostable food waste collections have been expanded by RSWA as new convenience centers have opened (excluding the Southern Albemarle Convenience Center because of bears) and will include the Northern Convenience Center in 2027.
- The City and County are jointly moving forward with a composting study/evaluation.



McIntire Recycling Center

★ Composting Bins

# Questions?

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**Board Action Requested:**

Presentation is for information only.



# STRATEGIC PLANNING

Presented to the RSWA & RWSA Boards of Directors by:

**Leah Beard**

Director of Administration & Communications

January 27, 2026





# STRATEGIC PLANNING: OUR ONGOING PRIORITIES

## Overview & Framework: Mission, Vision, & Values

**Vision:** To serve the community as a recognized leader in environmental stewardship by providing exceptional water and solid waste services.

**Mission:** Our knowledgeable and professional team serves the Charlottesville, Albemarle, and UVA community by providing high-quality water and wastewater treatment, refuse, and recycling services in a financially responsible and sustainable manner.

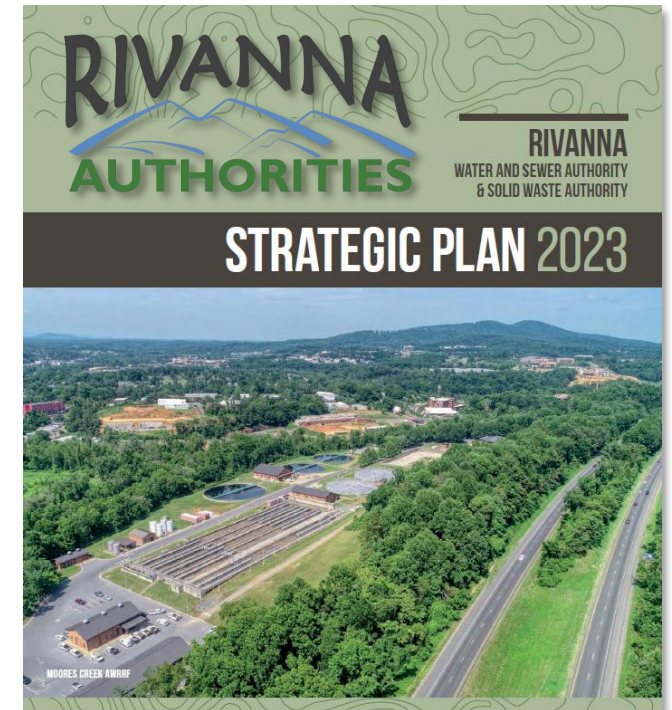
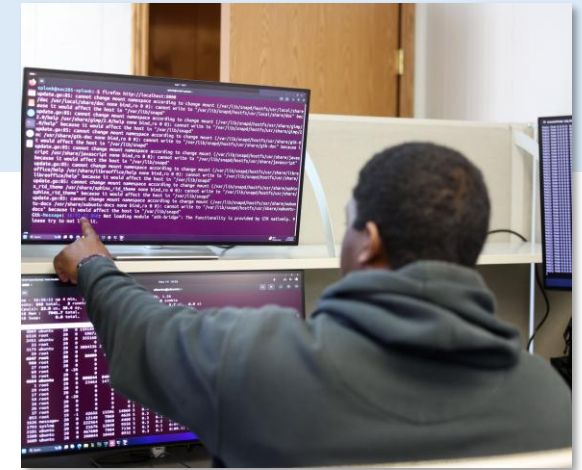
### Values:

*Integrity* – We are open and transparent, lead by example, and are committed to ethical behavior.

*Teamwork* – We work collaboratively to help each other succeed and serve the community.

*Respect* – We treat our fellow employees, customers, business partners, and stakeholders with dignity and respect by embracing their diverse backgrounds and experiences.

*Quality* – We deliver exceptional services and products, serve our community responsibly, and safeguard natural resources.



# STRATEGIC PLAN - PRIORITIES

## Communication & Collaboration

### Proactive Communication with Community Partners :

- Meetings with neighborhood associations regarding Capital Improvement Project
- Outreach events with community partners to keep information flowing

### Tours for our Community Members:

- UVA Engineering
- Scottsville Elementary





# STRATEGIC PLAN - PRIORITIES

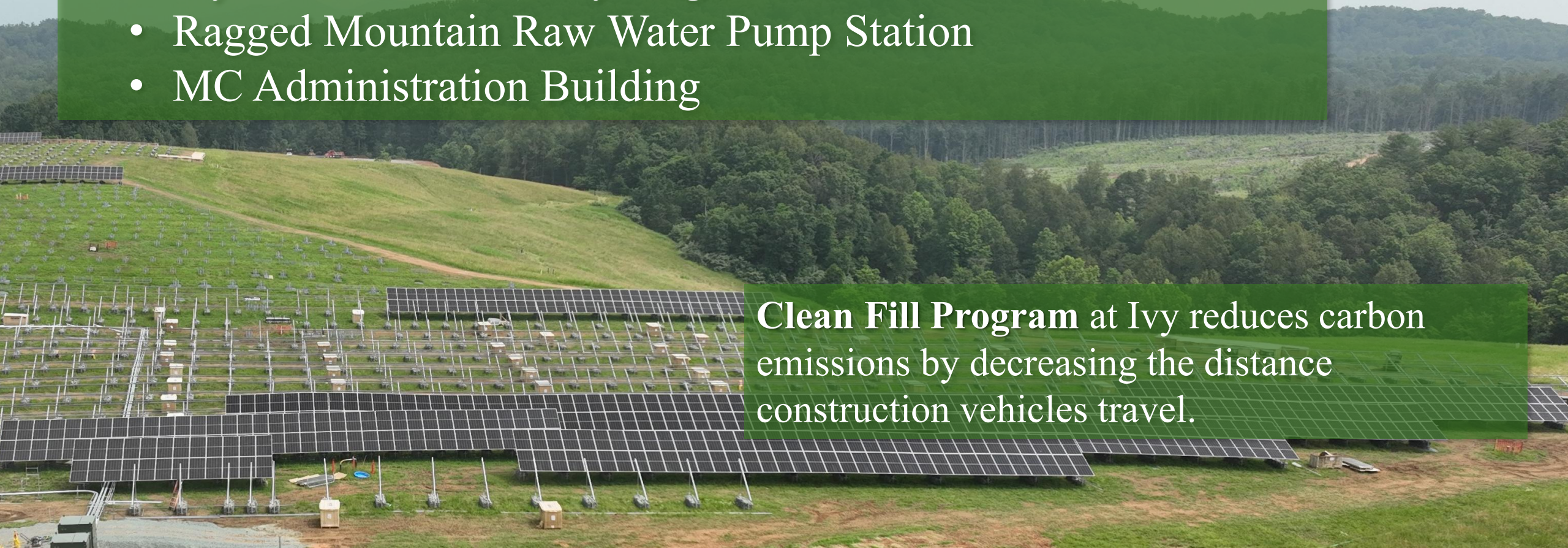
## Environmental Stewardship



**Solar Cells** reduce Rivanna's Carbon Footprint.

- Ivy Solid Waste & Recycling Center
- Ragged Mountain Raw Water Pump Station
- MC Administration Building

**Clean Fill Program** at Ivy reduces carbon emissions by decreasing the distance construction vehicles travel.





# STRATEGIC PLAN - PRIORITIES

## Workforce Development

### Leadership Development:

- For recently promoted individuals
- For individuals identified as having an interest in leadership positions

### Retaining Leadership Talent & Succession Planning:

- Exit Interviews
- Staffing Efficiencies
- Future planning
- Career ladders & lattice training

### Innovation:

Our *Water Department Supervisors* have created detailed training plans for our new *Water Operator Trainees*.

These packets include milestones, checkpoints, and specific dates for achievements. In addition, the *Water Supervisors* have submitted an abstract for review to the Technical Programs Committee for presentation at this year's upcoming WaterJam conference.



# STRATEGIC PLAN - PRIORITIES

## Optimization & Resiliency



### **In-House Safety Training:**

Our Safety Manager, George Cheape has received extensive training to be able to provide Arc Flash, Fall Protection, Confined Space, Trench Safety, and OSHA 10 & 30 training coursework to our employees. \*This is estimated to save approximately \$30,000 annually, as 1,260 bi-annual hours of Employee Safety Training will no longer be outsourced.

### **Asset Management:**

Our Asset Management Coordinator, Katie McIlwee, links thousands of Rivanna's assets with CityWorks.

### **Maintenance:**

Linking our assets with CityWorks ensures our Maintenance Team has access to proper parts inventory, supply lists, safety information, maintenance history, while in the field, to extend the life of our assets.



# STRATEGIC PLAN - PRIORITIES

## Planning & Infrastructure



### Capital Improvement Projects:

- **Generational Projects and Improvements for our Community**
- **Addressing the evolving drinking water and wastewater needs of our community**
  - Ragged Mountain to Observatory WTP Raw Water Line and Pump Station
  - Ragged Mountain Reservoir Pool Raise
  - South Rivanna Reservoir to Ragged Mountain Reservoir Pipeline, Pump Station & Intake
  - Central Water Line
  - Northern Area Utilities



**QUESTIONS / COMMENTS?**

**THANK YOU!**

**RIVANNA**  
  
**AUTHORITIES**

An abstract graphic on the left side of the slide consists of several 3D rectangular blocks of various colors (red, orange, teal, light blue, and white) arranged in a stepped, architectural-like formation. The blocks are outlined in black and set against a solid light blue background.

# **ASSET MANAGEMENT PROGRAM UPDATE**

**FOR THE RWSA & RSWA BOARD OF DIRECTORS**

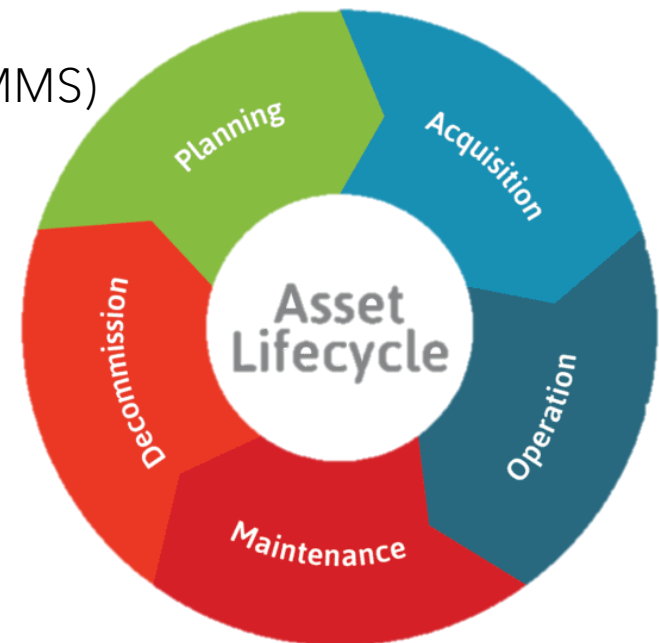
Presented by:  
Katie McIlwee  
Asset Management Coordinator

January 27, 2026

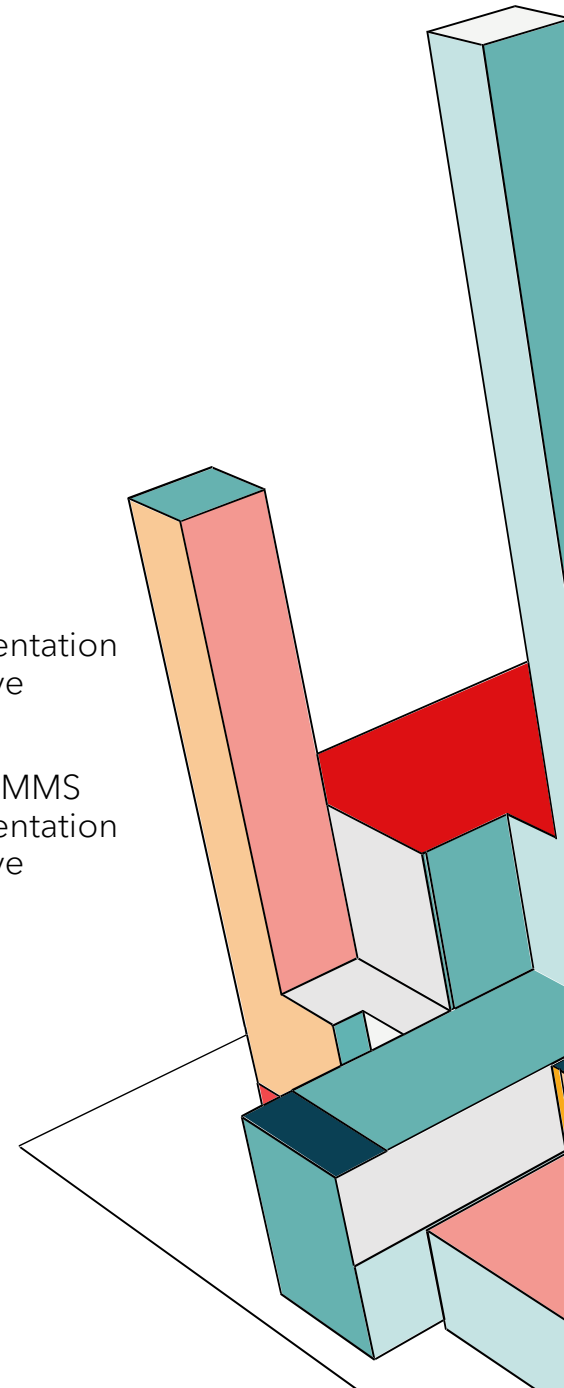
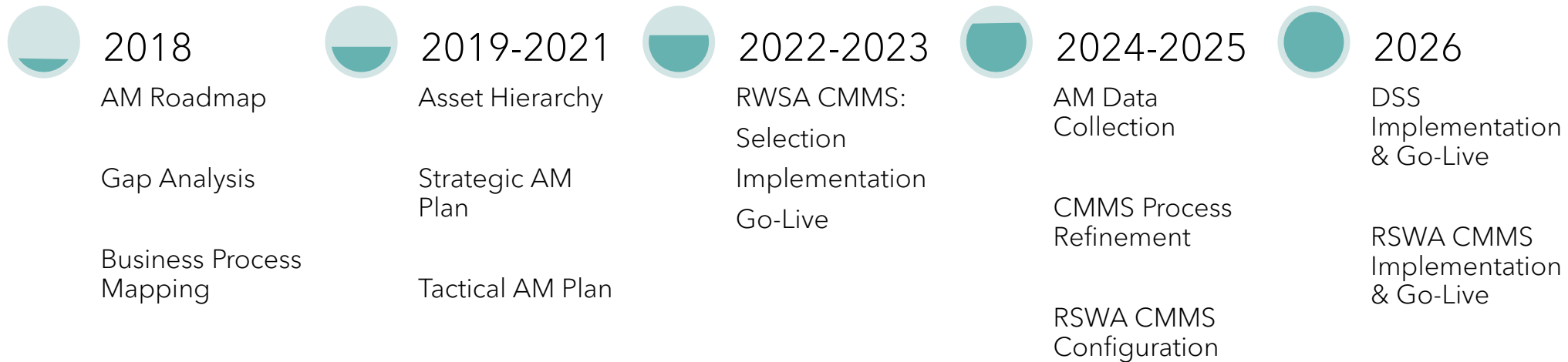


# ASSET MANAGEMENT AT THE RIVANNA AUTHORITIES

- *Supports the Strategic Plan: Infrastructure & Master Planning*
- A **long-term** program to attain and sustain the chosen level of service for the life of our assets in the most **cost-effective** manner.
- Rivanna's Asset Management Program consists of:
  - Computerized Maintenance Management Software (CMMS)
    - *Cityworks*
  - Asset Register/GIS
  - Decision Support Software (DSS)
    - Predictor



# ASSET MANAGEMENT AT THE RIVANNA AUTHORITIES



# ASSET MANAGEMENT BENEFITS

- **Improved Performance:** minimizes unplanned repairs
  - Preventative Maintenance Work Orders - 4,643
    - Since June 2023
  - Reactive Maintenance Work Orders - 672
    - Since June 2023
- **Streamlined Operations:** centralizes asset data into a single source of information (GIS)
  - GIS provides data for Cityworks and Predictor
- **Data-Driven Decisions:** provides insights into asset performance and lifecycle costs
  - Cityworks tracks man-hours, equipment, and material costs of maintenance on each asset



# RWSA ASSETS

## Horizontal Assets

*What you can't see* - pipes, valves, manholes, etc. in the ground

Total Assets: 4,244 segments

- Manholes - 685
- Wastewater Flow Meters - 15
- Water Valves - 961
- Wastewater Valves - 26
- Water Pipe - 72 miles (1726 segments)
- Wastewater Pipe - 42 miles

(723 segments)



## Vertical Assets

*What you can see* - treatment plants, pump stations, and the equipment within them

Total Assets: 4,634 / Asset Categories - 89

- Actuator - 257
- Electrical - 257
- HVAC - 246
- Instrumentation - 548
- Motor - 369
- Pump - 373
- Valves - 823



# ASSET LIFECYCLE

Asset lifecycle is based on Management Strategy Groups (MSG)

- Physical Effective Life + (Rehab Frequency x No. of Rehabs) = Maximum Potential Life
- MSGs are assigned based on asset class and distinguishing characteristics
  - 290 MSGs across all asset classes

	MSG/Asset Class	Physical Effective Life	Rehab Frequency-Life Extension	# of Rehabs	Maximum Potential Life
Horizontal Assets (average - years)	Manhole	100	50	1	150
	Wastewater Pipe	75	50	1	125
	Water Pipe	80	0	0	80
	Water Valve	50	0	0	50
Vertical Assets (years)	Gear Drive	15	15	3	60
	HVAC - Unit Heater	10	10	2	30
	Pump-Sump	10	0	0	10
	Valve - Control	15	0	0	15



Total Assets Expired - Based on Age FY 26 & 27	
Manholes	150
Sewer Pipe	4.56 miles
Water Pipe	0.21 miles
Water Valve	38
Vertical - Water	13
Vertical - Wastewater	166



# CITYWORKS: IMPROVEMENTS

The screenshot displays the Cityworks Work Order interface, which is organized into several sections:

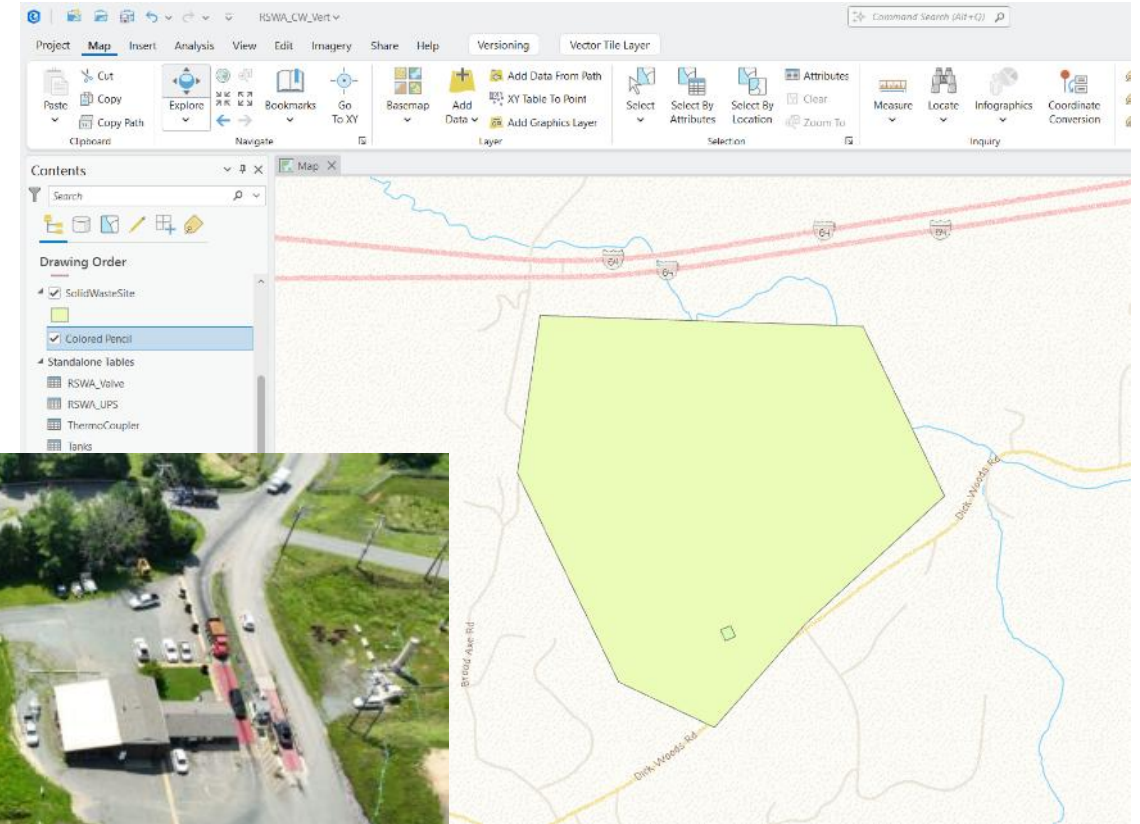
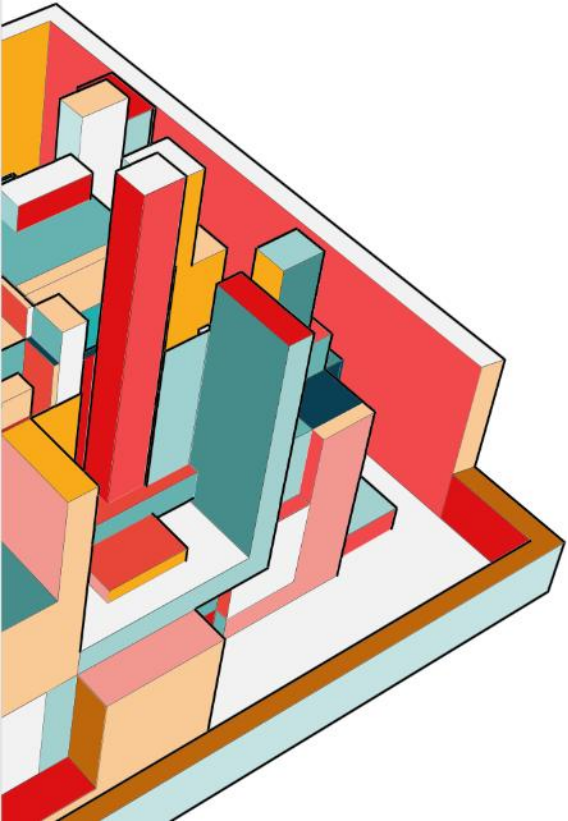
- Work Order Header:** Includes fields for Description (Pump - 180 Day Service), Number (599328), Asset Type (PUMP), and Category (PREVENTIVE MAINTENANCE).
- Details Section:** Contains fields for Project, Account, Contract, and Contractor. It also includes a 'Cancel Work Order' checkbox and a 'Budget' field.
- Assets Section:** Features a table with columns for Type, Uid, Sid, and Feature Type. The table lists assets like SRWTP-PUMP-004 and SRWTP-BLDG-001. Below the table, there are checkboxes for 'Update Work Order XY when adding/removing assets?' and 'Update Work Order XY when adding/removing assets?'.
- Costs Section:** Includes fields for Material Cost (\$123.71), Labor Cost (\$0.00), Equipment Cost (\$0.00), Permit Cost (\$0.00), and Total Cost (\$123.71). There is an 'Add Costs' button.
- Location Information:** Includes a 'Geocode' button and a 'Work Order Address' field.
- Work Cycle, Map Layers, Custom Fields, and Universal Custom Fields:** These are expandable sections on the right side of the interface.

- Use of 'crews' to add pre-loaded materials to work orders
- Department-wide Dashboards for materials tracking in Storeroom
- Update GIS from within Cityworks for certain fields (ex: manufacture, model number, condition)
- Automatically update dates in GIS, such as Date Last Rehabbed or Date Last Maintained, based on work order type
- Use dashboards and reports to analyze asset data, material usage, work order distribution, labor hours, etc.



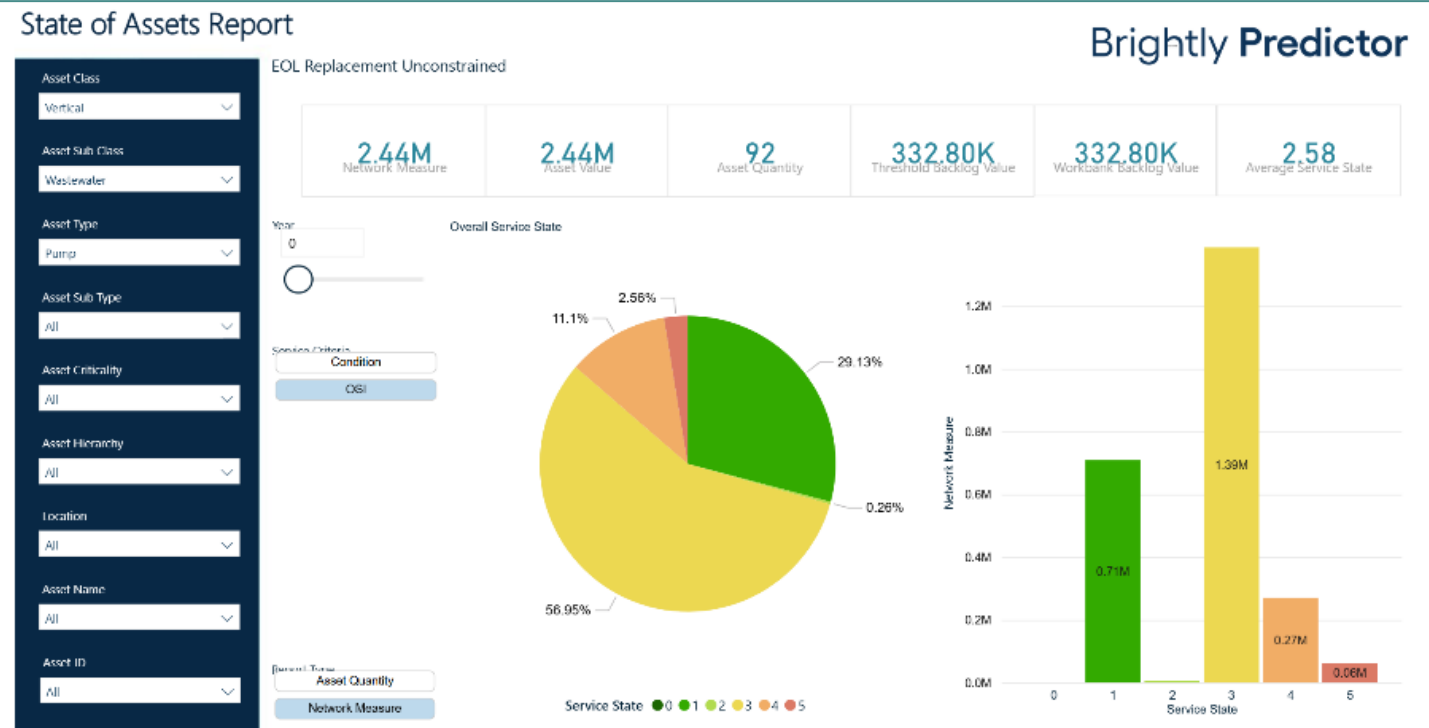
# CITYWORKS IMPLEMENTATION: RSWA

- New domain in Cityworks to keep RSWA and RWSA workflows and assets separate
- Develop Asset Hierarchy
- Workflow analysis



# PREDICTOR

- Forecasts asset performance, evaluates investment options, and build plans that extend asset life and align with strategic priorities
- Asset data pulled directly from GIS
- Currently being implemented. Initial models expected March 2026, with continued model refinement as asset data increases





# NEXT STEPS

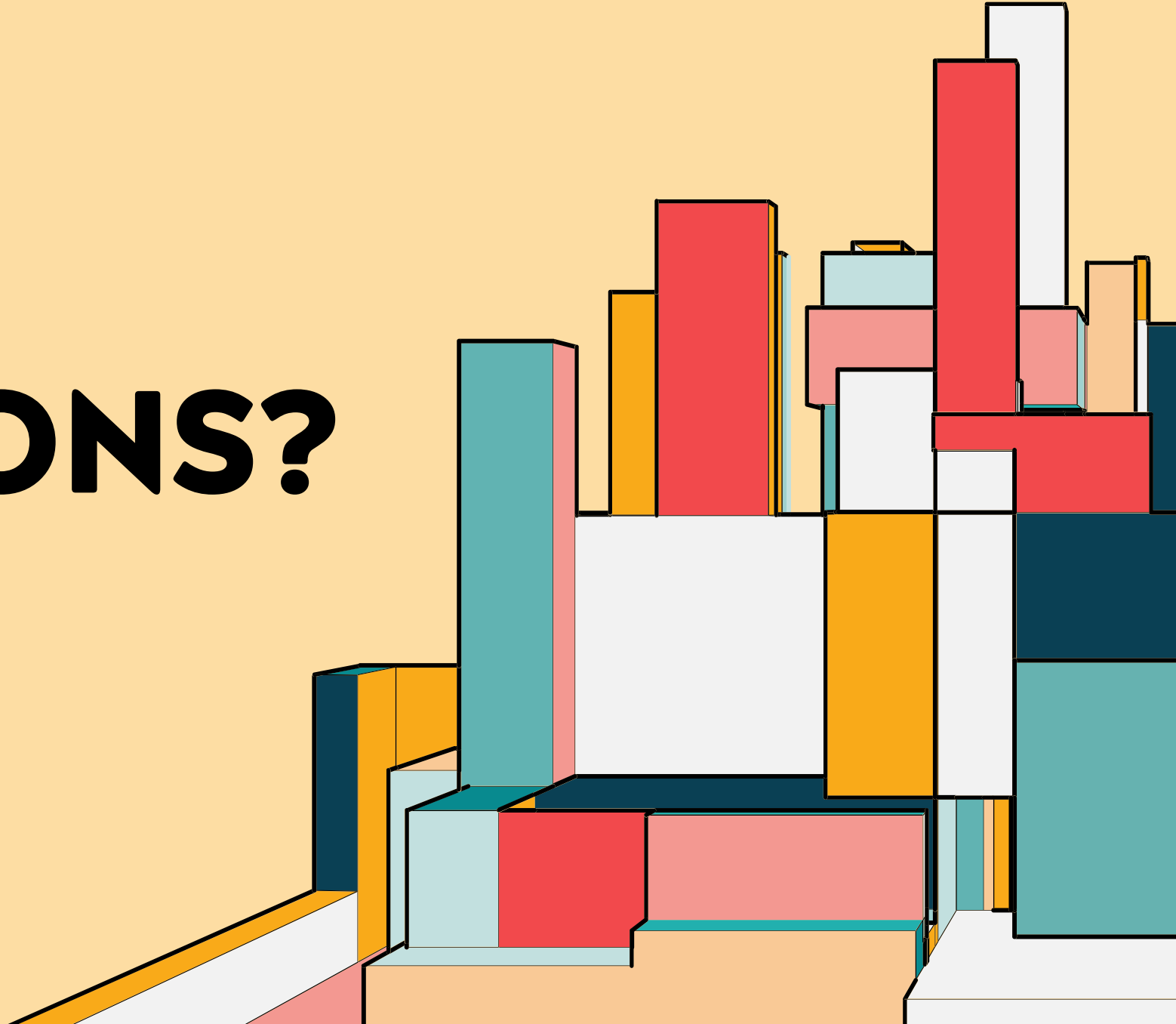


- Complete RSWA Cityworks Implementation
  - Work Orders & Inspections in Cityworks
  - Dashboards & Reports
  - End User Training
- DSS (Predictor) implementation to support budget planning



# QUESTIONS?

Thank you





# Grant Funding Update

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**Presented to the Board of Directors**

**ANNIE WEST**

**SUSTAINABILITY & GRANTS COORDINATOR**


**January 27<sup>th</sup>, 2026**



# Continuing Capital Project Grants

- Albemarle County Funding **\$750,000**
  - Red Hill WTP Upgrade and Scottsville Lagoon Liners (2022)
- FEMA: Building Resilient Infrastructure and Communities (BRIC) **\$185,668**
  - Flood Protection Resiliency Design and Scoping Project (2024)
- BIL/VDH Emerging Contaminants Funding **\$7.24M**
  - Crozet WTP Granular Activated Carbon (GAC) Expansion Project (2022-2025)
- NRCS: Dam Safety and Rehabilitation Program **\$1.02M**
  - Beaver Creek Dam Environmental Assessment and Preliminary Design (2023)





# Grant Reimbursements CY25

Jan 1, 2025- June 30, 2025: **\$485,853**

- Hurricane Helene related projects
- Beaver Creek Dam Alteration & Rehabilitation Design
- MCAWRRF MCWWPS Flood Resiliency Study

July 1, 2025- Dec 31, 2025: **\$936,165**

- VDH Emerging Contaminants funding (Crozet GAC Expansion)
- Ragged Mountain Dam Blanket Drain Design
- Scottsville WRRF Generator Upgrade project
- Beaver Creek Dam design

Operations & Maintenance	\$268,614
<u>Capital Improvement Planning</u>	<u>\$1,153,403</u>

**Total: \$1.42M**

# Recent Capital Project Funding

Project	Funding Agency	Funding Awarded	Notice of Award	Details
Hurricane Helene Damages	FEMA/ VDEM Public Assistance Program	\$305,176	October 2025 All projects obligated	SHRWL Repair, Ivy Creek/ Stillhouse Waterline Repair
RMD Blanket Drain Design	VA DCR Dam Safety Grant Program	\$57,400	June 2025	Part of RMD Pool Raise Project
North Rivanna Dam Decommissioning	USFWS National Fish Passage Program	\$100,000	July 2025	Supports the design of Dam demolition and stream bank mitigation

**TOTAL CAPITAL PROJECT AWARDS: \$462,576**





# Operational Project Funding

Project	Funding Agency	Funding Awarded	Notice of Award
Education and Outreach Supplies for Elementary School Tours of the Ivy Recycling Center	VA DEQ: Competitive Litter Prevention and Recycling Program	\$7,500	November 2025
Solid Waste and Recycling Center's operational budget accounts	VA DEQ: Non-Competitive Litter Prevention and Recycling Program	\$47,539	November 2025

**TOTAL OPERATIONAL PROJECT AWARDS : \$55,039**

# 2025 Pending Grant Applications

Project	Funding Agency	Funding Requested	Application Date
SRWTP Emergency Generator Upgrade	FEMA/VDEM: Hazard Mitigation Grant Program	\$6.18M	July 2025
Crozet WTP GAC Expansion	VDH: FY26 Emerging Contaminants Fund	\$2.8M	May 2025
Debris Safety Net at Ivy Transfer Station	VA Risk Sharing Association	\$2,000*	December 2025
Gas Monitors for Engineering Trailer	VA Risk Sharing Association	\$3,975*	

\*Awarded in CY 2026





# 2025 Funding Summary

<b>Total Funds Awarded 2025</b>	<b>\$517,615</b>
Total Funds Unawarded 2025	\$51,500,000*
Total Funds Pending 2025:	\$8,986,389*
<b>Total Funds Awarded 2018-2025</b>	<b>\$10,546,593</b>
Percent of 2025 Funding	4.9 %

\* SRR-RMR Pipeline (BRIC): \$50M *Program cancelled*  
Maury Hill Branch Sewer Upgrades (FY26 Congressionally Directed Spending): \$1.5M *not awarded*

\* SRWTP Emergency Generator Upgrade  
Crozet WTP GAC Expansion  
Safety Grants for RSWA and RWSA

# Upcoming Funding Opportunities

Project	Funding Agency	Funding Requested	Application Timing
Ragged Mountain Dam: Blanket Drain Installation	VA DCR	\$500k	February 2026
Beaver Creek Dam Spillway Rehabilitation: Construction Funding	USDA/ NRCS	\$27M	June-July 2026
RSWA Operational Grants	VA DEQ Litter Prevention and Recycling Program FY26	TBD	July-August 2026



An aerial photograph of a large concrete dam, the Sugar Hollow Dam, situated in a valley. The dam is a long, low structure with a small spillway on the right side where water is cascading. Behind the dam is a large, calm reservoir. The surrounding landscape is covered in dense forest, with many trees showing autumn colors of red, orange, and brown. The hills rise steeply on both sides of the reservoir. The sky is clear and blue.

Questions?

Thank you!

Sugar Hollow Dam





# Safety Program Update

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**Presented to the RWSA & RSWA Board of Directors**  
**GEORGE CHEAPE, SAFETY MANAGER**  
**January 27, 2026**



# OK Alone

- Implemented new safety process for our employees working alone at remote locations
  - Streamlined process
  - Enhanced technology
  - Reduced redundancy
  - Saving **\$15,000/year**





# Safety Plus

Working with new electronic platform, *Safety Plus*, to enhance our incident reports.

- Better Incident Tracking
- Improved OSHA reporting
- Employee Toolbox Safety Training
- New Employee Safety Onboarding





# Employee Safety Training

## RWSA and RSWA

### Costs for In-Person Bi-Annual OSHA Training

	OSHA Class Section	Cost per Employee	# of Employees	Total Cost
1	Confined Space Training	\$313.95	43	\$13,500
2	NFPA 70E Arc Flash Training	\$261.63	43	\$11,250
3	Fall Protection Training	\$150	50	\$7,500
4	Trench Safety Training	\$250	50	\$12,500
5	OSHA 30-Hour Training	\$750	20	\$15,000
6	OSHA 10-Hour Training	\$250	30	\$7,500
			Total Savings	\$67,250

\*\*\* Cost to Certify Safety Manager as an Authorized OSHA Trainer = \$1,500 \*\*\*



# VRSA Safety Grants

## RWSA

**\$4,000** funding received from VRSA to purchase three new four-gas monitors for safe “confined space” entry. These monitors will be used by our Engineering Construction Inspectors.



## RSWA

**\$2,000** funding received from VRSA to purchase and install a Safety Net at Rivanna Solid Waste Transfer Station. This will contain windblown debris within the Transfer Station.



Baling Facility on Meade Ave



# Monitoring Capital Projects

## RWSA

- RMR to OBWTP with Pump Station
- RMR Pool Raise
- SRR Crossing
- SRR to RMR with PS and New Intake Structure
- Central Waterline
- Moores Creek
  - Administration Building
  - Structural Concrete
  - Upfits

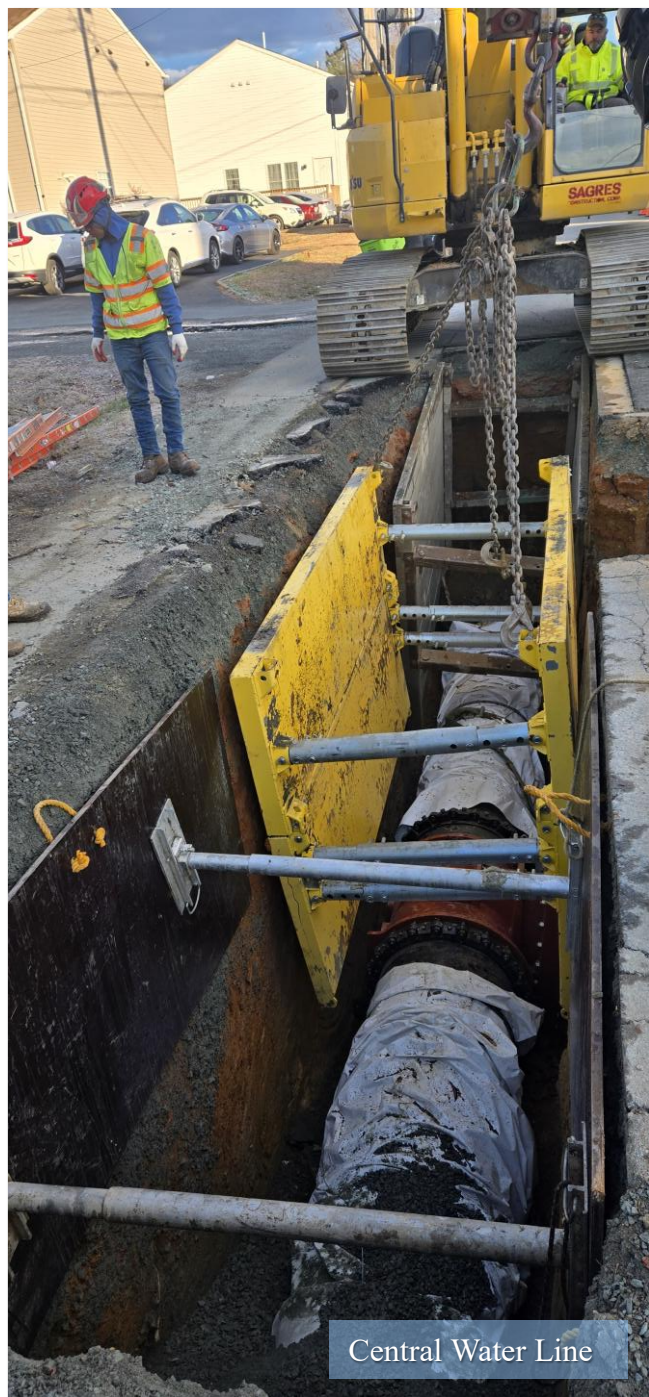
## RSWA

- Baling Facility





Ragged Mountain to Observatory



Central Water Line



Solid Waste Baling Foundation



Administration Building



Ragged Mountain Pool Raise



# How Are We Doing?

- **RSWA**

- 28 Employees

- 21 Incidents

- No Recordable Injuries or  
Lost Time Incidents for 2025!

- 62,400 staff hours worked

- 1 Incident per 2,971 staff hours

- **RWSA**

- 106 Employees

- 37 Incidents

- 8 Recordable Injuries

- 3 Lost Time Incidents

- 226,720 staff hours worked

- 1 incident per 6,128 staff hours





# Questions?

Ivy Transfer Station

Solar Panels

Baling Facility

Clean Fill

# Thank you!