






Board of Directors Meeting

March 23, 2021

2:00pm



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www.rivanna.org 

BOARD OF DIRECTORS

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

DATE: March 23, 2021
LOCATION: Virtually via ZOOM
TIME: 2:00 p.m.

AGENDA

- 1. CALL TO ORDER**
- 2. STATEMENT FROM THE CHAIR**
- 3. MINUTES OF PREVIOUS BOARD MEETING**
 - a. Minutes of the Regular Meeting of the Board on January 26, 2021*
- 4. RECOGNITION**
- 5. EXECUTIVE DIRECTOR'S REPORT**
- 6. ITEMS FROM THE PUBLIC**
- 7. RESPONSES TO PUBLIC COMMENTS**
- 8. CONSENT AGENDA**
 - a. Staff Report on Finance*
 - b. Staff Report on Ivy Material Utilization Center/Recycling Operations Update*
- 9. OTHER BUSINESS**
 - a. Presentation: Ivy MUC Solar Energy Project Update, Director of Solid Waste, Phil McKalips*
 - b. Presentation: Introduction of the FY 2021-2022 Budget, Executive Director, Bill Mawyer*
- 10. OTHER ITEMS FROM BOARD/STAFF NOT ON AGENDA**
- 11. CLOSED MEETING**
- 12. ADJOURNMENT**

GUIDELINES FOR PUBLIC COMMENT AT VIRTUAL RIVANNA BOARD OF DIRECTORS MEETINGS

If you wish to address the Rivanna Board of Directors during the time allocated for public comment, please use the “chat” feature in the Zoom Meeting interface.

Members of the public who submit comments will be recognized during the specific time designated on the meeting agenda for “Items From The Public.” The comment(s) will be read aloud to the Board of Directors only during this agenda item, so comments must be received prior to the end of this agenda item. The comments will be read by the Rivanna Authority’s Executive Coordinator/Clerk of the Board.

Members of the public requesting to speak will be recognized during the specific time designated on the meeting agenda for “Items From The Public.” 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.

If you would like to submit a comment, please keep in mind that Board of Directors meetings are formal proceedings and all comments are recorded on tape. In order to give all who wish to submit a comment proper respect and courtesy, the Board requests that commenter follow the following guidelines:

- Submit your comment prior to the start of or during the “Items from the Public” section of the Agenda.
- In your comment, state your full name and address and your organizational affiliation if commenting 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;
- Be respectful and civil in all interactions at Board meetings;
- 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 commenters 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 Administration office upon request or can be viewed on the Rivanna website.

Rev. May 20, 2020

CALL TO ORDER

STATEMENT OF CHAIR TO OPEN MEETING

This is Mike Gaffney, Chair of the Rivanna Solid Waste Authority.

I would like to call the March 23, 2021 meeting of the Board of Directors to order.

Notwithstanding any provision in our Bylaws to the contrary, as permitted under the City of Charlottesville's Continuity of Government Ordinance adopted on March 25, 2020, Albemarle County's Continuity of Government Ordinance adopted on April 15th, 2020, and revised effective October 1, 2020 and Chapter 1283 of the 2020 Acts of the Virginia Assembly effective April 24, 2020, we are holding this meeting by real time electronic means with no board member physically present at a single, central location.

All board members are participating electronically. This meeting is being held pursuant to the second resolution of the City's Continuity of Government Ordinance and Section 6 of the County's revised Continuity of Government Ordinance. All board members will identify themselves and state their physical location by electronic means during the roll call which we will hold next. I note for the record that the public has real time audio-visual access to this meeting over Zoom as provided in the lawfully posted meeting notice and real time audio access over telephone, which is also contained in the notice. The public is always invited to send questions, comments, and suggestions to the Board through Bill Mawyer, the Authority's Executive Director, at any time.

ROLL CALL:

Mr. Boyles: Please state your full name and location.
Mr. Brown: Please state your full name and location.
Dr. Palmer: Please state your full name and location.
Mr. Richardson: Please state your full name and location.
Mr. Snook: Please state your full name and location.
Mr. Stewart: Please state your full name and location.
And I am Mike Gaffney and I am located at _____.

Joining us today electronically are the follow Authority staff members:

Bill Mawyer, Phil McKalips, Lonnie Wood, Jennifer Whitaker, John Hull, and Katie McIlwee

We are also joined electronically by Carrie Stanton, counsel to the Authority.



RSWA BOARD OF DIRECTORS
Minutes of Regular Meeting
January 26, 2021

A regular meeting of the Rivanna Solid Waste Authority (RSWA) Board of Directors was held on Tuesday, January 26, 2021 at 2:00 p.m. via Zoom.

Board Members Present: Mike Gaffney, John Blair (arrived at 2:13 p.m.), Lloyd Snook (arrived at 2:15 p.m.), Dr. Liz Palmer, Jeff Richardson, Lance Stewart, David Brown.

Board Members Absent: None.

Rivanna Staff Present: Bill Mawyer, Katie McIlwee, Lonnie Wood, Jennifer Whitaker, Phil McKalips, David Tungate, Elizabeth Coleman, John Hull.

Attorney(s) Present: Kurt Krueger.

1. CALL TO ORDER

Mr. Gaffney convened the January 26, 2021 regular meeting of the Board of Directors of the Rivanna Solid Waste Authority at 2:02 p.m.

2. STATEMENT FROM THE CHAIR

Mr. Gaffney read the following statement aloud: “Notwithstanding any provision in our Bylaws to the contrary, as permitted under the City of Charlottesville’s Continuity of Government Ordinance adopted on March 25, 2020, Albemarle County’s Continuity of Government Ordinance adopted on April 15th, 2020, and revised effective October 1, 2020 and Chapter 1283 of the 2020 Acts of the Virginia Assembly effective April 24, 2020, we are holding this meeting by real time electronic means with no board member physically present at a single, central location.

“All board members are participating electronically. This meeting is being held pursuant to the second resolution of the City’s Continuity of Government Ordinance and Section 6 of the County’s revised Continuity of Government Ordinance. All board members will identify themselves and state their physical location by electronic means during the roll call which we will hold next.

“I note for the record that the public has real time audio-visual access to this meeting over Zoom as provided in the lawfully posted meeting notice and real time audio access over telephone, which is also contained in the notice. The public is always invited to send questions, comments, and suggestions to the Board through Bill Mawyer, the Authority’s Executive Director, at any time.”

Mr. Gaffney called the roll.

Mr. John Blair had not yet joined the meeting.

Mr. David Brown, Director of Public Works, City of Charlottesville, stated he was located at 305 Fourth Street Northwest in Charlottesville, VA.

Dr. Elizabeth Palmer stated she was located at 2958 Mechum Banks Drive in Charlottesville, VA.

Mr. Jeff Richardson stated he was attending from his office at 401 McIntire Road (the Albemarle County Administration Building) in Charlottesville, VA.

Mr. Lloyd Snook had not yet joined the meeting.

Mr. Lance Stewart stated he was located at 401 McIntire Road in Charlottesville, VA.

Mr. Mike Gaffney stated he was located at 3180 Dundee Road in Earlysville, VA.

Mr. Gaffney stated the following Authority staff members were joining the meeting electronically: Bill Mawyer, Lonnie Wood, Phil McKalips, Jennifer Whitaker, John Hull, and Katie McIlwee.

Mr. Gaffney stated they were also joined electronically by Mr. Kurt Krueger, Counsel to the Authority.

3. MINUTES OF PREVIOUS BOARD MEETING

a. Minutes of the Previous Meeting of the Board on November 17, 2020

Dr. Palmer moved that the board approve the minutes of the previous board meeting. She was seconded by Mr. Richardson, and the motion passed unanimously (5-0). (Mr. Snook and Mr. Blair were absent from the vote.)

4. RECOGNITION

a. Resolution of Appreciation for Kurt Krueger

Mr. Gaffney read the resolution aloud:

“WHEREAS, Mr. Krueger has served as legal counsel for the Rivanna Water & Sewer Authority and Solid Waste Authority Boards of Directors since 1997; and

“WHEREAS, over that twenty-three year period, Mr. Krueger has provided expert legal advice and guidance for the Authorities, including the processes required to conduct “virtual” business during the ongoing COVID pandemic; and

“WHEREAS, Mr. Krueger’s understanding of the water, sewer, solid waste and recycling enabling legislation as well as the operations of the Authorities has supported a strategic decision-making process that provided benefits to the Authorities, their customers and the Charlottesville /Albemarle community. During Mr. Krueger’s tenure and through his efforts, major agreements were completed including:

- a Settlement Agreement and Release for continued operation of the Ivy Landfill
- the Local Government Support Agreement for ongoing solid waste environmental expenses
- a Community Water Supply Plan, to ensure an adequate water supply for 50 years
- the Ragged Mountain Reservoir Dam Project Agreement and Water Cost Allocation Agreement
- the Wastewater Projects Cost Allocation Agreement
- a Subterranean Easement for the Rivanna Interceptor and Sewer Pumping Station
- the Observatory Water Treatment Plant, Raw Water Pumping and Piping Upgrade Cost and Capacity Allocation Agreement
- a Deed of Ground Lease with UVA for the Observatory Water Treatment Plant; and

98 “**WHEREAS**, the Water & Sewer Authority and Solid Waste Authority Boards of Directors are
99 most grateful for the professional and personal contributions Mr. Krueger has provided to both
100 Authorities and to the community; and
101

102 “**NOW, THEREFORE, BE IT RESOLVED** that the Rivanna Water & Sewer Authority and the
103 Rivanna Solid Waste Authority Boards of Directors recognize, thank, and commend Mr. Krueger
104 for his distinguished service, and efforts as legal counsel, and present this Resolution as a token of
105 esteem, with their best wishes in his retirement.
106

107 “**BE IT FURTHER RESOLVED** that this Resolution be entered upon both the permanent
108 Minutes of the Rivanna Water & Sewer Authority and the Rivanna Solid Waste Authority.”
109

110 **Dr. Palmer moved that the board adopt the joint resolution of appreciation for Kurt Kruger.**
111 **She was seconded by Mr. Brown, and the motion passed unanimously (5-0). (Mr. Snook and**
112 **Mr. Blair were absent from the vote.)**
113

114 Mr. Gaffney told Mr. Krueger that it had been a huge pleasure in the many years that he has been on
115 the board working with Mr. Krueger through all of these challenges. He stated it had been amazing
116 to see these things get accomplished, and in a sense, he was not sure they could have accomplished
117 all of these without Mr. Krueger. He expressed his thanks and appreciation for everything Mr.
118 Krueger had done, adding that he hoped Mr. Krueger would be able to do some more flyfishing.
119

120 Mr. Krueger stated it has been his honor and pleasure to serve both Authorities for the past 23 years.
121 He stated the board may recall that in 2020, Mr. Gaffney made a comment to the boards that he was
122 proud of the fact that with the Capital Improvement Programs that had been implemented, the
123 improvements to the treatment plants and wastewater plant, and the opening up of the transfer
124 station at the Ivy Landfill, he thought the Authorities had turned into first-class Authorities and were
125 real assets to the community. He stated he hopes he has been able to contribute in some small way
126 to those accomplishments.
127

128 Mr. Krueger stated although he is retiring at the end of June, he is not leaving the community and is
129 still alive. He stated he hopes to see everyone around the grounds.
130

131 Dr. Palmer stated it would be very strange not seeing Mr. Krueger there. She stated she had started
132 attending the Rivanna meetings in 1998 and could not remember a time when he was not there. She
133 wished him luck.
134

135 Mr. Mawyer expressed his appreciation for Mr. Krueger’s work, notably his work on the
136 Observatory ground lease.
137

138 **5. EXECUTIVE DIRECTOR’S REPORT**

139 Mr. Bill Mawyer, Executive Director, stated he wanted to take a moment to welcome Mr. David
140 Brown, the relatively new City Public Works Director and now, new member of the Solid Waste
141 Board. He stated he believed Mr. Brown had received an orientation packet, adding that they would
142 get him up to speed soon.
143

144 Mr. Mawyer stated he wanted to thank Mr. Blair, as this would be his last meeting with the board,
145 as he was taking another position in Staunton. He stated this will have been Mr. Blair’s fourth
146 meeting with the board, and he appreciated the contributions he made, even in that brief time.
147

148 Mr. Mawyer stated lastly, he wanted to congratulate Chairman Gaffney on his tenth appointment by
149 the County as a member of the board.

150
151 Mr. Gaffney replied that it was his tenth term on the Rivanna boards.

152
153 Mr. Mawyer stated he believed that for this appointment the County was the lead and the City
154 concurred.

155
156 Mr. Gaffney stated that for those board members who did not know how this happens, the City and
157 County alternate making the appointment every two years.

158
159 Mr. Mawyer stated this would make it Mr. Gaffney's nineteenth year as Chair of the Rivanna
160 boards.

161
162 Mr. Gaffney stated this was correct.

163
164 Mr. Mawyer stated Mr. Gaffney has a lot of history and provides great guidance to him in his
165 Executive Director role, which he appreciates. He stated he was thrilled that Mr. Gaffney was
166 willing to accept and that the City and County had the wisdom to reappoint him as a member of the
167 RWSA and RSWA Board of Directors.

168
169 Mr. Mawyer stated Solid Waste continues to process a lot of refuse through the transfer station, as
170 shown on the graph on the screen in yellow. He stated they had over 130 tons per day in November,
171 which dropped off a bit in December, but the measures that the board put in place over the last
172 several years to decrease the fees and increase the number of days the Transfer Station is open for
173 business have clearly worked.

174
175 Mr. Mawyer stated Rivanna did receive a litter grant they applied for on behalf of the City and
176 County, from the state, in the amount of \$26,851. He stated this is used in the recycling program on
177 behalf of the City and the County.

178
179 Mr. Mawyer stated the refuse station had to be closed for a half day that Saturday and again that
180 Monday to install scales in the transfer station. He stated the two red devices pictured on the screen
181 are scales so that when they fill the refuse transfer trucks in the tunnel, they can then weigh them as
182 they sit without having to drive them out and go across the public scales to know that they have no
183 more than the allowable amount of weight on the trucks.

184
185 Mr. Mawyer stated it was difficult to see in the picture, but the small device on the wall will tell
186 their staff the weight of the truck as it sits on the scales, while it is in the tunnel, so that they can
187 either keep putting more refuse in the trailer or stop. He stated when they are done, the truck can
188 head to the landfill in Amelia County, and they do not have to take it back across the scales. He
189 stated this was an improvement to the transfer process.

190
191 Mr. Mawyer stated that in November 2019, the Rivanna brought to the board a forestry
192 management plan that talked about managing the landscape buffer around the landfill. He stated the
193 board did approve that plan, and so Rivanna recently bid out a project to clear 42 acres around the
194 landfill, and received a bid of over \$88,000, which will be revenue to Rivanna. He stated they are
195 getting paid for the timber that they will allow to be harvested around the landfill, which should
196 happen between September 2021 and March 2022. He stated they will be sure to contact the
197 neighbors before starting to make sure they are not surprised. He stated this is a part of the forestry

management plan that Rivanna coordinated with the Virginia Department of Forestry and presented to the board in 2019.

Mr. Mawyer stated they are coordinating with the Blue Ridge Health Department on getting vaccines for staff, as well as through the Center for Disease Control, who manages the electronic scheduling system for the state. He stated they are having mixed success. He stated with BRHD, it has been difficult to get appointments. He stated some of the Rivanna staff have gotten appointments and been vaccinated, and so they are making progress slowly.

Mr. Mawyer stated he gave a presentation to City Council and to the Board of Supervisors last week as a part of the quarterly update on what was upcoming this year for the Rivanna Authorities.

Ms. Palmer asked how much the new scales cost. She stated she knows they discussed putting in scales there when the transfer station was being built, and the thought was that they were not necessary, so she was wondering if they were having a lot of difficulty back and forth with trying to get those trucks loaded. She stated she was curious as to what the process was and how much they actually cost to put these in.

Mr. Mawyer asked Mr. McKalips if he knew the cost.

Mr. McKalips replied that he believed it came out to \$66,000, which actually was not any more than if they had installed them with the original construction. He stated there was a thought that they were not needed at first, but with the varied loads they get between construction debris and municipal solid waste, it is hard to guess at exactly what a load is in its weight, and so they were having to pull the trailers out and run them across the site scales. He stated that having a scale in the trailer tunnel will expedite the transfer process.

Mr. Brown stated he had a question regarding the revenue from the lumber. He stated they were all very glad to hear that they would be seeing revenue from that and making an improvement to the site at the same time. He asked if this revenue will be applied to offset the environmental remediation costs of the landfill, or if this was handled in a different way.

Mr. Mawyer replied that the revenue is going into the Environmental cost center in FY 22 because this work will not be done until later in the calendar year, in FY 22. He stated they were crediting it to the revenue side of the budget.

Mr. Gaffney asked if it was just for the pines, or if it included any of the hardwood.

Mr. Mawyer replied that it was a clear cut that was predominantly a pine area.

Mr. McKalips stated this was right. He recalled back to the forestry management plan, explaining that there was a Parcel A, which was just an old pine stand. He stated at this time, it was just the pine stand that would be harvested. He stated they were actually just beginning conversations about looking at harvesting the hardwood stand.

Mr. Brown asked what will happen to the parcel after it is clear cut. He asked how it would be treated.

Mr. McKalips replied that it will be replanted. He stated if it is harvested at the beginning of 2022, for instance, it takes about a year to get everything cleaned up before they can replant, which would be in 2023.

Mr. Gaffney noted that Mr. Blair had just joined the meeting. He asked Mr. Blair to state his full name and location.

Mr. John Blair apologized for the group and explained that he was late due to internet difficulties. He stated that he was located at 605 East Main Street in Charlottesville, VA, in Charlottesville City Hall.

Mr. Gaffney stated Mr. Mawyer had made some wonderful comments about Mr. Blair's service on the board.

Mr. Mawyer stated he did not know if Mr. Blair had heard the comments, but Rivanna thanked him for his four months on the board. He stated he appreciated everything Mr. Blair had done, even in that short period of time. He wished Mr. Blair luck in his new opportunity.

Mr. Blair stated he wanted to thank all the board members as well as Rivanna staff and Mr. Krueger. He stated it had been a brief time period, but he thinks RSWA and RWSA are absolute gems for the region. He stated it was a pleasure to be associated with them.

6. ITEMS FROM THE PUBLIC

Mr. Gaffney opened Items From the Public.

Ms. McIlwee stated a letter from a member of the public had been submitted earlier that day. She read the letter aloud:

"Comments for RSWA from Margaret Bloom, co-owner Panorama Paydirt:

"The last time you heard from me was in the fall of 2019 and I would like to provide an update to the Board regarding our expanded organics recycling program.

"As soon as Panorama Paydirt's transition of ownership was completed in October 2019, we began exploring the possibility of accepting food scraps in our composting process in order to better serve our customers and community. Over the next year we planned, prepared, weathered the pandemic, and finally broke ground on our infrastructure improvements in the fall of 2020. These improvements included new electrical lines, an irrigation system, a 2,500 square foot ASP (aerated static pile), a receiving area/mixing pad, a support building, among others, in order to safely process pre and post-consumer food scraps.

"We are proud to announce that construction has entered the final phase and we hope to begin filling our first ASP bins around March 1. It will take our production team some time to perfect our recipe and ensure the safe handling of material, so we are only accepting food scraps from a select number of businesses (including a new food scraps logistics company, Life Cycle Organics) while we fine tune our operations. As we do not have scales installed at Panorama Paydirt, our tipping fee schedule will most likely be volume based for the time being and will be available to the public in a few weeks.

“Our goal is to have our new systems in full operation by July 1st. We are confident that our investment in local organics recycling will help our community and look forward to sharing more about later this year. I invite you to reach out to me with any questions or concerns. Sincerely, Margaret and Noah Bloom.”

7. RESPONSES TO PUBLIC COMMENT

Mr. Gaffney stated he gets 3-4 cubic yards from them every year for his garden, and so he would be missing that until July 1.

Ms. Palmer asked Ms. McIlwee if she could share that email with the board.

Ms. McIlwee replied that she would.

Mr. Mawyer noted that Mr. Snook had just joined the meeting.

Mr. Gaffney asked Mr. Snook to state his full name and location.

Mr. Lloyd Snook stated he was at 408 East Market Street in Charlottesville, VA. He apologized for being late, as he had joined at 2:15 p.m. but had to reboot his computer twice in the interim.

8. CONSENT AGENDA

a. Staff Report on Finance

b. Staff Report on Ivy Material Utilization Center/Recycling Operations Update

c. Award of Legal Services Term Contract; Williams Mullen

Dr. Palmer moved that the board approve the consent agenda. She was seconded by Mr. Snook, and the motion passed unanimously (7-0).

Mr. Mawyer stated now that the board had approved the legal services contract, Ms. Valerie Long and Ms. Carrie Stanton from Williams Mullen were joining the meeting, and so he wanted to introduce them to the board. He stated he appreciated all their efforts, and that Ms. Stanton was going to take Mr. Krueger’s place at the February meeting to serve as Counsel to the board, with Ms. Long also serving as the client services team leader. He thanked Ms. Long and Ms. Stanton for joining the meeting and stated he looked forward to their service.

9. OTHER BUSINESS

a. Presentation: Strategic Plan Update; Katie McIlwee, Communications Manager/Executive Coordinator

Ms. McIlwee stated that she would provide an update on the Strategic Plan and that Year 3 implementation has begun. The review begins with an over of Rivann’s strategic direction which includes, our values of integrity, teamwork, respect and quality. She stated Rivanna’s vision is to serve the community and be a recognized leader in environmental stewardship by providing exceptional water and solid waste services. She stated the mission has not changed since the beginning of the Strategic Plan.

Ms. McIlwee stated in Year 3, Rivanna has the same six goals and goal teams. She stated they are currently working on 14 strategies and have developed 26 tactics to achieve those strategies.

Ms. McIlwee stated the Workforce Development Team's strategy is to conduct training needs assessment and enhancements of the training program. She stated so far, they have completed virtual PVCC leadership training for Class 1 and 2 Operators. She stated the leadership coaching program at PVCC was expanded to include all new leaders throughout the organization, and the DPOR Apprenticeship Program has also been expanded to include more maintenance mechanics.

Ms. McIlwee stated the next steps for the Workforce Development Team are to complete individual development plans for all employees and to work with PVCC on developing position-specific training for employees throughout the Authorities.

Ms. McIlwee stated Operational Optimization is working on two strategies. She stated the first is to continually evaluate, prioritize, and improve key business and operational processes. She stated some of the ways they have achieved this are through implementing a quarterly GAC vessel backwashing schedule, and by decreasing polymer chemicals by 34% at Moores Creek centrifuges. She stated the new piece of lab equipment has now been certified. She also stated the dissolved oxygen control for Scottsville Wastewater Treatment Plant has been designed and is currently out for bid. She stated as of today, the contract for legal services that was out for bid, has been awarded.

Ms. McIlwee stated the next steps for the team are to test the new South Rivanna fiber communications cable, and to use new sensors in the aeration process and investigate the use of additional sensors in the final effluent flume at Moores Creek.

Ms. McIlwee stated the Operational Optimization Team's second strategy is to protect the workforce and the public through a continually growing Rivanna culture of safety. She stated this included submitting an emergency response plan to the EPA in September 2020; installing six web-based cameras at Crozet, three at Glenmore, and three at Scottsville Wastewater Treatment Plant; conducting a Glenmore needs assessment, which is currently in the study phase; and installing a card access system on all entrance doors at Rivanna facilities.

Ms. McIlwee stated the next steps are to add new web-based cameras to Glenmore and Scottsville Wastewater Treatment Plants, and to Crozet and Observatory Water Treatment Plants, and to continually review and update the safety manual.

Ms. McIlwee stated the Communication and Collaboration team has three strategies, the first being to create and maintain an internal communication platform. She stated this is being achieved through continued implementation of the document management system. She stated they have also begun to migrate documents out of the legacy system into the new system. They also continue to publish a bimonthly newsletter for Rivanna employees.

Ms. McIlwee stated next steps are continuing the migration of the legacy system and creating how-to guides and training videos for employees on how to use the new document management system.

Ms. McIlwee stated the second strategy is to create and implement a comprehensive public outreach plan. She stated this is achieved through updating the website content with new photos, developing a social media policy, and creating a Rivanna Authority Facebook page.

Ms. McIlwee stated the next steps are to continue planning and scheduling project and facility videos, and continued maintenance and updating of the website and the Facebook page.

Ms. McIlwee stated the last strategy for the Communication and Collaboration Team is to enhance internal and external communications. She stated that, in collaboration with the City of Charlottesville and the Albemarle County Service Authority, Rivanna completed their sixth annual "Imagine a Day Without Water" art contest. She stated they continue to livestream monthly board meetings.

Ms. McIlwee stated the next steps are that when board meetings return to in-person status, they plan to continue to live stream the meetings for the public to watch in real-time. Planning for Fix-a-Leak Week activities with the City and ACSA have also begun.

Ms. McIlwee stated the Environmental Stewardship team has three strategies. She stated the first is to increase internal environmental engagement. She stated that COVID has impacted the Environmental Stewardship Goal Team's ability to fully engage in this strategy, because of the challenges of planning social activities while maintaining COVID safety protocols. She stated they are looking for new and different ways to get internal engagement in a safe manner. She stated they have also been limited in terms of school visits, and presentations to area schoolchildren have been put on hold for the time being.

Ms. McIlwee stated the next strategy is to provide regional leadership and environmental stewardship partnerships. She stated Environmental Stewardship also has a part in the planning and hosting of "Imagine a Day Without Water" events. She stated they are also a part of the planning for the Rivanna Flow Fest and continue to meet regularly to plan for future events. She stated they are a member of the Stormwater Partnership and the James River Riparian Consortium.

Ms. McIlwee stated the team's last strategy is to evaluate potential opportunities for additional environmental activities at RWSA facilities. She stated this included development of the Buck Mountain Management Plan, evaluating potential for silviculture and solar at Buck Mountain properties, and continued invasive species management. She stated they created a Sustainability Working Group.

Ms. McIlwee stated the next steps are to evaluate the potential for solar at RWSA facilities and implement the Buck Mountain Management Plan.

Ms. McIlwee stated the Solid Waste Services Team has two strategies. She stated the first is to determine community needs and preferred level of service. Which was done through expanded involvement in the oyster shell recycling program, supporting establishment of the new Recycling Ambassador Program at McIntire, and installing enhanced signage at both Ivy and McIntire. She stated RSWA also completed the first timber sale of the forested buffer at Ivy MUC.

Ms. McIlwee stated the next steps for this strategy are to continue to expand the Ambassador Program, roll out an interactive recycling quiz via Facebook, and complete processing of oyster shells for seeding and returning to the bay.

Ms. McIlwee stated the team's second strategy is to enhance partnerships with local governments and UVA, which was done through establishing a glass collection agreement with UVA, outreach to neighboring counties to coordinate their glass collection efforts, and support of various UVA and student projects related to recycling.

Ms. McIlwee stated their next steps are to further the glass collection collaboration by establishing agreements and infrastructure with neighboring counties, and to upgrade the used cooking oil collection program for composting at all sites.

Ms. McIlwee stated the Infrastructure and Master Planning Team's first strategy is to implement an Authority-wide Asset Management Program. She stated that they have completed all workshops and condition assessment related to Phase 2 of the Asset Management Program development process, have procured a new CMMS with Cityworks, finalized an implementation scope of work with the contractor, and kicked off the CMMS implementation process.

Ms. McIlwee stated the next steps will be to begin scheduling workshops associated with implementation, and to draft the Tactical Asset Management Plan and review with staff.

Ms. McIlwee stated the team's second strategy is to develop and maintain long-term master plans for all critical assets. She stated this was done by holding multiple meetings and workshops associated with Moores Creek Treatment Plant and Finished Water Master Plans. She stated the draft reports are being developed for review. She stated a presentation was prepared for the North Rivanna Water Treatment Plant decommissioning findings, and a meeting was held with ACSA to review the results.

Ms. McIlwee stated the next steps are to develop a work authorization with a consultant to perform the master plan and needs assessments for Glenmore and Stone Robinson, finalize reports associated with the Moores Creek Master Plan and the Finished Water Master plan, and schedule the annual master planning gap assessment.

Dr. Palmer asked how the work with PVCC on developing the training relative to the positions and departments within the Authorities works. She asked if someone at PVCC does this specific to Rivanna's type of jobs.

Ms. McIlwee stated that the Human Resources Manager, Ms. Betsey Nemeth, has been working with the PVCC Workforce Development Coordinator to develop programs specific to Rivanna and implement them.

Mr. Wood stated this was correct.

Dr. Palmer stated that there are not many organizations with jobs similar to those at the Rivanna Authorities have, so she was trying to understand if PVCC has a staff that does training development for a variety of different employers in town.

Mr. Wood stated they have been using PVCC for a couple of years and work with two or three people to develop training. He stated they have some one-on-one coaching that can be tailored to a specific person where they want to address things that a particular manager or operator may struggle with. He stated PVCC also has a program where they can tailor management or leadership training needs to the audience that is going to attend the training.

Mr. Mawyer stated the state now requires that the Water Treatment Operators and Wastewater Treatment Plant Operators receive leadership training. He stated when they go to PVCC, they are getting training on leadership and supervisory skills, and not so much on specific skills, such as water or wastewater treatment. He stated this is very helpful in developing middle managers in their individual development plans so that they can rise into upper management one day. He stated as Mr.

Wood explained, PVCC does provide individual mentor-type trainers and counselors to help and work one-on-one with staff.

Dr. Palmer stated one of the issues for the treatment plants was putting up cameras for safety. She stated she remembered hearing that three rope swings were taken down at the reservoir at Sugar Hollow. She asked if anyone was considering cameras out there for safety of the drinking water supply.

Mr. Mawyer replied that there are now cameras at Sugar Hollow for safety and to help them monitor the reservoir level.

Dr. Palmer asked if those cameras were there when the three rope swings went up, and if these were different cameras or the same ones.

Mr. Mawyer replied that the cameras look at the dam and at the water behind the dam. He stated that if a swing is below the dam where, perhaps the rope swings were, or up at the Blue Hole, the cameras do not monitor that.

Dr. Palmer stated she was not expecting the cameras at the swimming holes, but she did at the reservoir itself, and since Rivanna took down rope swings, perhaps they would consider monitoring swimming in the reservoir in the summer. She stated the rope swings are evidence of a variety of people swimming in the reservoir.

Ms. Hildebrand mentioned that the City has a similar partnership with PVCC training throughout various departments. She stated Utilities personnel take advantage of the training, and PVCC does an excellent job with setting up tailored programs. She stated what she finds valuable is that people who have not had any supervisory experience are sent through the program, and it has been an asset and opportunity for those employees who want to advance.

Mr. Gaffney stated he wanted to take a moment to thank not only Mr. Mawyer, but all the goal team leaders and everyone at Rivanna who has taken on the Strategic Plan as strongly as they have over the past three years. He stated one of the big concerns when entering into the contract to create a Strategic Plan was whether they would actually implement it, and he does not think he has ever seen a Strategic Plan so consciously implemented. He stated it has been very impressive to see, and he appreciates everyone's continued work and focus.

Mr. Mawyer thanked Mr. Gaffney. He stated strategic plans sometimes get put on the shelf, but Rivanna staff have done a good job keeping it alive and active. He stated that the end of the five-year plan is around the corner, so it will not be long until they start a new five-year Strategic Plan. He stated the current plan provides guidance on many different topics and has proved very beneficial. He stated they appreciate the board giving the direction to put a plan in place, and it has worked very well.

At 2:27 p.m., Mr. Snook moved to recess the meeting. He was seconded by Dr. Palmer, and the motion passed unanimously (7-0).

10. OTHER ITEMS FROM BOARD/STAFF NOT ON AGENDA

There were none.

541
542 **11. CLOSED MEETING**

543 At 2:57 p.m., Dr. Palmer moved that the Board of Directors of the Rivanna Solid Waste
544 Authority enter into a joint closed session with the Rivanna Water and Sewer Authority
545 Board to discuss confidential personnel matters as permitted by Section 2.2-3711-A1 of the
546 Code of Virginia. Mr. Snook seconded the motion, which passed unanimously (7-0).
547

548 At 3:47 p.m., Dr. Palmer moved the following: “Whereas, the Rivanna Solid Waste Authority
549 has convened a joint closed meeting with the Rivanna Water and Sewer Authority on this
550 date pursuant to an affirmative, recorded vote and in accordance with the provisions of the
551 Virginia Freedom of Information Act, and whereas Section 2.2-3712D of the Code of Virginia
552 requires a certification by the Rivanna Solid Waste Authority that such closed meeting was
553 conducted in conformity with Virginia law. Now therefore, be it resolved that the Rivanna
554 Solid Waste Authority hereby certifies that, to the best of each member’s knowledge, (1) only
555 public business matters lawfully exempted from open meeting requirements by Virginia law
556 were discussed in the executive meeting to which the certification resolution applies, and (2)
557 only such public business matters, as were identified in the motion convening the closed
558 meeting, were heard, discussed, or considered by the Rivanna Solid Waste Authority.” Mr.
559 Brown seconded the motion, which passed unanimously (7-0).
560

561 Dr. Palmer moved to approve a merit increase for Executive Director Bill Mawyer of 4% to
562 be effective on the third pay period of 2021, starting on January 24. Mr. Blair seconded the
563 motion, which passed unanimously (7-0).
564

565 Dr. Palmer offered her congratulations to Mr. Mawyer.
566

567 Mr. Gaffney thanked Mr. Mawyer for a great year and a half.
568

569 Mr. Mawyer thanked the Board for the merit increase.
570

571 **12. ADJOURNMENT**

572 At 3:51 p.m., Dr. Palmer moved to adjourn the meeting of the Rivanna Solid Waste
573 Authority. The motion was seconded by Mr. Richardson and passed unanimously (7-0).
574

MEMORANDUM

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

FROM: BILL MAWYER, EXECUTIVE DIRECTOR

SUBJECT: EXECUTIVE DIRECTOR'S REPORT

DATE: MARCH 23, 2021

STRATEGIC PLAN GOAL: SOLID WASTE SERVICES

Use of the Ivy Materials Utilization Center:

January 2021

Vehicles

4,812

AVG MSW & CDD Tons/Day

129.34

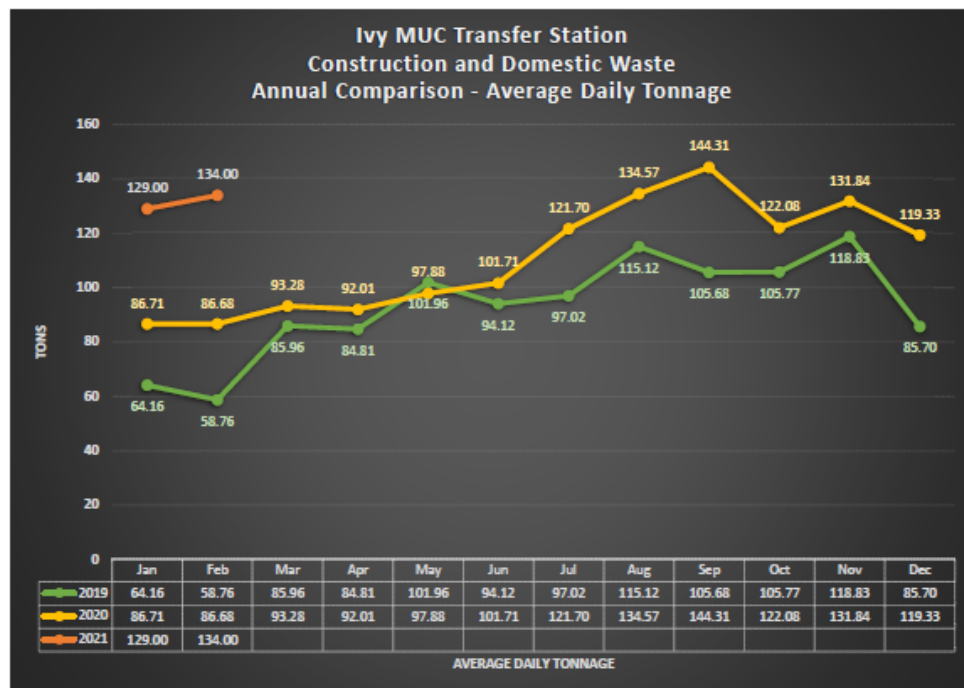
February 2021

Vehicles

3,393

AVG MSW & CDD Tons/Day

134.31



STRATEGIC PLAN GOAL: INFRASTRUCTURE AND MASTER PLANNING

Keene Convenience Center

We are coordinating with the County on an agreement to develop and operate a recycling and bagged refuse collection facility on a site owned by the County in southern Albemarle.

STRATEGIC PLAN GOAL: COMMUNICATION AND COLLABORATION

Regional Peer Safety Meeting

Rivanna Authorities hosted a virtual Regional Peer Safety Meeting to network and coordinate efforts with similar organizations, resources, and facilities. Attendees included safety representatives with the Albemarle, Augusta and Louisa Service Authorities, as well as from the Charlottesville Utilities Department.

STRATEGIC PLAN GOAL: WORKFORCE DEVELOPMENT

COVID Vaccinations

We are coordinating with the Blue Ridge Health Department to schedule appointments for our employees. 67% of our Solid Waste staff requested vaccinations, and from that group, 100% have been fully vaccinated.



MEMORANDUM

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

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

REVIEWED: BILL MAWYER, EXECUTIVE DIRECTOR

SUBJECT: JANUARY 2021 FINANCIAL SUMMARY

DATE: MARCH 23, 2021

The results of operations and remediation activities for the seven months of this fiscal year are summarized below and in the attached statements.

	<u>Operating Results</u>	<u>Remediation Results</u>	<u>Total</u>
Total Revenues	\$ 1,736,232	\$ -	\$ 1,736,232
Total Expenses	<u>(2,633,387)</u>	<u>(594,017)</u>	<u>(3,227,404)</u>
Net operating results	(897,155)	(594,017)	(1,491,172)
Support - MOU & Local	<u>879,839</u>	<u>543,127</u>	<u>1,422,966</u>
Surplus/(Deficit)	<u>\$ (17,316)</u>	<u>\$ (50,890)</u>	<u>\$ (68,206)</u>

* Cash reserves are used when deficits occur. (Use of up to \$200,000 in reserves for an expected shortfall for remediation was included in the FY 2021 budget.)

Total operating revenues through January were \$326,000 over budget and total operating expenses were \$252,000 over budget. The Authority has processed 32,603 tons of waste this fiscal year. A breakdown of net revenue or cost per ton, including overhead and administrative support costs, is shown below.

	<u>Ivy MSW</u>	<u>Ivy - All Other</u>	<u>Recycling</u>	<u>Total</u>
Tonnage	23,262	7,966	1,375	32,603
Net operating revenue (costs)	\$ (295,702)	\$ (83,806)	\$ (517,649)	\$ (897,157)
Net revenue (cost) per ton	\$ (12.71)	\$ (10.52)	\$ (376.47)	\$ (27.52)

Attachments

Target Rate: 58.33%

Operations	Budget	Actual Y-T-D	IVY OPERATIONS		MSW-IVY TRANSFER		IVY CONVENIENCE CENTER		RECYCLE OPERATIONS		ADMIN. SERVICES	
			Budget	Actual Y-T-D	Budget	Actual Y-T-D	Budget	Actual Y-T-D	Budget	Actual Y-T-D	Budget	Actual Y-T-D
REVENUES												
Ivy Operations Tipping Fees	\$ 236,000	235,165	\$ 236,000	235,165								
Ivy MSW Transfer Tipping Fees	1,771,000	1,262,501			1,771,000	1,262,501						
Material & Other Sales-Ivy	110,000	53,661	110,000	53,661								
Recycling Revenues	156,300	111,548					20,000	6,173	136,300	105,375		
Other Revenues	93,000	60,138			93,000	60,138						
Interest & Fees	51,400	13,218									51,400	13,218
Total Revenues	\$ 2,417,700	\$ 1,736,232	\$ 346,000	\$ 288,826	\$ 1,864,000	\$ 1,322,639	\$ 20,000	\$ 6,173	\$ 136,300	\$ 105,375	\$ 51,400	\$ 13,218
Budget vs. Actual*		71.81%		83.48%		70.96%		30.87%		77.31%		25.72%
EXPENSES												
Ivy Operations	402,666	263,605	402,666	263,605								
Ivy MSW Transfer	2,262,393	1,509,314			2,262,393	1,509,314						
Ivy Convenience Center	300,682	160,942					300,682	160,942				
Recycling Operations	553,158	381,033							553,158	381,033		
Administration	797,358	449,328									797,358	449,328
Total Expenses	\$ 4,316,257	\$ 2,764,220	402,666	263,605	2,262,393	1,509,314	300,682	160,942	553,158	381,033	797,358	449,328
Budget vs. Actual*		64.04%		65.46%		66.71%		53.53%		68.88%		56.35%
Net Results Before Administrative Allocation	\$ (1,898,557)	\$ (1,027,989)	\$ (56,666)	\$ 25,222	\$ (398,393)	\$ (186,674)	\$ (280,682)	\$ (154,769)	\$ (416,858)	\$ (275,658)	\$ (745,958)	\$ (436,110)
Administrative allocations:												
Administrative costs to Envir. MOU (below)	223,787	130,833									223,787	130,833
Administrative costs to Operations	-	-	(186,490)	(109,028)	(186,490)	(109,028)	-	-	(149,192)	(87,222)	522,171	305,277
Net Operating Income (Loss)	\$ (1,674,770)	\$ (897,156)	\$ (243,156)	\$ (83,806)	\$ (584,883)	\$ (295,702)	\$ (280,682)	\$ (154,769)	\$ (566,050)	\$ (362,880)	\$ -	\$ -
Other Funding Sources												
Local Government Contributions	1,674,770	879,839										
County Contribution - Capital Grant	-	263,793										
Transfer to Capital Fund - Ivy Recycling Center	-	(263,793)										
Surplus (Deficit) - Operations	\$ -	\$ (17,317)										

Environmental Programs		
	Budget	Actual Y-T-D
REVENUES		
Remediation Support	858,998	543,127
Total Revenues	858,998	543,127
Budget vs. Actual*		63.23%
EXPENSES		
Ivy Environmental	835,211	463,184
Administrative Allocation	223,787	130,833
	1,058,998	594,017
Budget vs. Actual*		56.09%
Cash Reserves Used	200,000	50,890
Surplus (Deficit) - Environmental	\$ -	\$ -
Total Surplus (Deficit)	\$ -	\$ (17,317)

Rivanna Solid Waste Authority
Monthly Financial Status Report
FY 2021

	July	August	September	October	November	December	January	Year-to-Date
<u>Revenues</u>								
Ivy Operations Tipping Fees	\$ 56,569	\$ 36,019	\$ 25,649	\$ 37,166	\$ 24,560	\$ 22,988	\$ 32,214	\$ 235,165
Ivy MSW Transfer Tipping Fees	171,354	188,841	197,126	182,143	181,388	167,906	173,743	1,262,501
Ivy Material Sales	7,074	7,424	8,280	9,306	6,365	5,884	9,329	53,661
Ivy Convenience Center	-	-	-	-	-	6,173	-	6,173
Recycling	4,294	16,905	8,670	9,201	44,047	4,381	17,877	105,375
Other Revenues	9,136	9,290	7,890	8,077	10,595	8,541	6,609	60,138
Interest & Late Fees	1,534	2,129	1,609	2,002	2,583	1,385	1,976	13,218
Total Revenues	\$ 249,961	\$ 260,608	\$ 249,223	\$ 247,895	\$ 269,538	\$ 217,258	\$ 241,749	\$ 1,736,232
<u>Expenses</u>								
Ivy Operations	\$ 35,831	\$ 21,851	\$ 33,365	\$ 36,766	\$ 26,720	\$ 79,883	\$ 29,189	\$ 263,605
Ivy Environmental	56,949	72,585	32,314	65,051	42,178	113,672	80,434	463,184
Ivy MSW Transfer	143,916	183,515	321,716	281,401	261,432	141,679	175,656	1,509,314
Ivy Convenience Center	18,947	18,869	21,488	32,066	21,311	24,050	24,212	160,942
Recycling Operation	56,096	39,866	65,102	72,539	44,138	51,571	51,721	381,033
Administration	64,883	60,468	63,599	65,907	59,810	61,363	73,299	449,328
Total Expenses	\$ 376,621	\$ 397,154	\$ 537,583	\$ 553,730	\$ 455,590	\$ 472,217	\$ 434,510	\$ 3,227,404
Net Operating Income (Loss)	\$ (126,660)	\$ (136,546)	\$ (288,360)	\$ (305,835)	\$ (186,052)	\$ (254,959)	\$ (192,761)	\$ (1,491,173)
<u>Other Funding Sources</u>								
Local Government Contributions	\$ 376,239	\$ 42,454	\$ -	\$ 42,454	\$ -	\$ -	\$ 418,693	\$ 879,839
Remediation Support and Revenue	205,598	69,138	-	69,138	-	-	199,254	543,127
Use of Cash Reserves	-	-			16,647	131,665	(97,422)	50,890
Surplus (Deficit)	\$ 455,177	\$ (24,954)	\$ (288,360)	\$ (194,244)	\$ (169,405)	\$ (123,294)	\$ 327,763	\$ (17,316)

Rivanna Solid Waste Authority
Fiscal Year 2021
January 2021
Revenue Detail Report

Revenue Line Item

IVY TIPPING FEES

Clean Fill Material	6,800	5,171
Grindable Vegetative Material	2,400	2,535
Tires, Whole	120	149
Tires/White Good (per item)		
<i>Subtotal</i>	9,320	7,855

IVY TRANSFER STATION

Compost Services	500	98
MSW Transfer Station	32,000	23,262
<i>Subtotal</i>	32,500	23,360

MATERIAL SALES - IVY

Encore		
Metals		
Wood Mulch & Chips		
Hauling Fees		
Other Materials		
<i>Subtotal</i>		

IVY CONVENIENCE CENTER

Material Sales		
<i>Subtotal</i>		

RECYCLING

Material Sales		
Other Materials & Services		
Grants-Operating		
<i>Subtotal</i>		

OTHER REVENUES

Service Charge Fees		
Other Revenues		
<i>Subtotal</i>		

INTEREST, LATE FEES, OTHER

Trust Fund Interest		
Finance Charges		
Capital Reserve Fund Interest		
Operating Investment Interest		
<i>Subtotal</i>		

Total Revenues

REMEDIATION SUPPORT AND REVENUE

UVA Contribution		
County Contribution		
City Contribution		
Forestry Revenue		
Total Remediation Local Support		

Tonnage	
Budget FY 2021	Actual YTD
6,800	5,171
2,400	2,535
120	149
9,320	7,855
500	98
32,000	23,262
32,500	23,360

Revenue				
Budget FY 2021	Budget YTD	Actual YTD	Budget vs. Actual	Variance %
\$ 68,000	\$ 39,667	\$ 51,531	\$ 11,864	29.91%
115,200	67,200	123,868	56,668	84.33%
22,800	13,300	28,320	15,020	112.93%
30,000	17,500	31,446	13,946	79.69%
\$ 236,000	\$ 137,667	\$ 235,165	\$ 97,498	70.82%
\$ 89,000	\$ 51,917	\$ 17,307	\$ (34,610)	-66.66%
1,682,000	981,167	1,245,194	264,027	26.91%
\$ 1,771,000	\$ 1,033,083	\$ 1,262,501	\$ 229,418	22.21%
\$ 20,000	\$ 11,667	\$ 4,063	\$ (7,604)	-65.17%
40,000	23,333	18,722	(4,611)	-19.76%
30,000	17,500	20,576	3,076	17.58%
20,000	11,667	10,300	(1,367)	-11.71%
-	-	-	-	
\$ 110,000	\$ 64,167	\$ 53,661	\$ (10,505)	-16.37%
\$ 20,000	\$ 11,667	\$ 6,173	\$ (5,494)	-47.09%
\$ 20,000	\$ 11,667	\$ 6,173	\$ (5,494)	-47.09%
\$ 105,300	\$ 61,425	\$ 58,015	\$ (3,411)	-5.55%
6,000	3,500	9,754	6,254	178.68%
25,000	14,583	37,607	23,023	157.87%
\$ 136,300	\$ 79,508	\$ 105,375	\$ 25,866	32.53%
\$ 85,000	\$ 49,583	\$ 54,272	\$ 4,689	9.46%
8,000	4,667	5,866	1,200	25.71%
\$ 93,000	\$ 54,250	\$ 60,138	\$ 5,888	10.85%
\$ 2,200	\$ 1,283	\$ 253	\$ (1,031)	-80.32%
1,200	700	9,254	8,554	1221.94%
18,000	10,500	1,276	(9,224)	-87.85%
30,000	17,500	2,436	(15,064)	-86.08%
\$ 51,400	\$ 29,983	\$ 13,218	\$ (16,765)	-55.92%
\$ 2,417,700	\$ 1,410,325	\$ 1,736,232	\$ 325,907	23.11%
\$ 79,982	\$ 46,656	\$ 79,982	\$ 33,326	71.43%
502,465	293,105	251,232	(41,873)	-14.29%
276,551	161,321	207,413	46,092	28.57%
-	-	4,500	4,500	
\$ 858,998	\$ 501,082	\$ 543,127	\$ 42,045	8.39%

Rivanna Solid Waste Authority Historical Material Tonnage Report - Recycling Fiscal Years 2017-2021
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Fiscal Year 2017	Fiscal Year 2018	Fiscal Year 2019	Fiscal Year 2020	Fiscal Year 2021 (Jul-Jan)
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In U.S. Tons

Fiber Products

Newspaper, magazines, catalogs
Cardboard (corrugated)
Mixed paper and phone books
File stock (office paper)

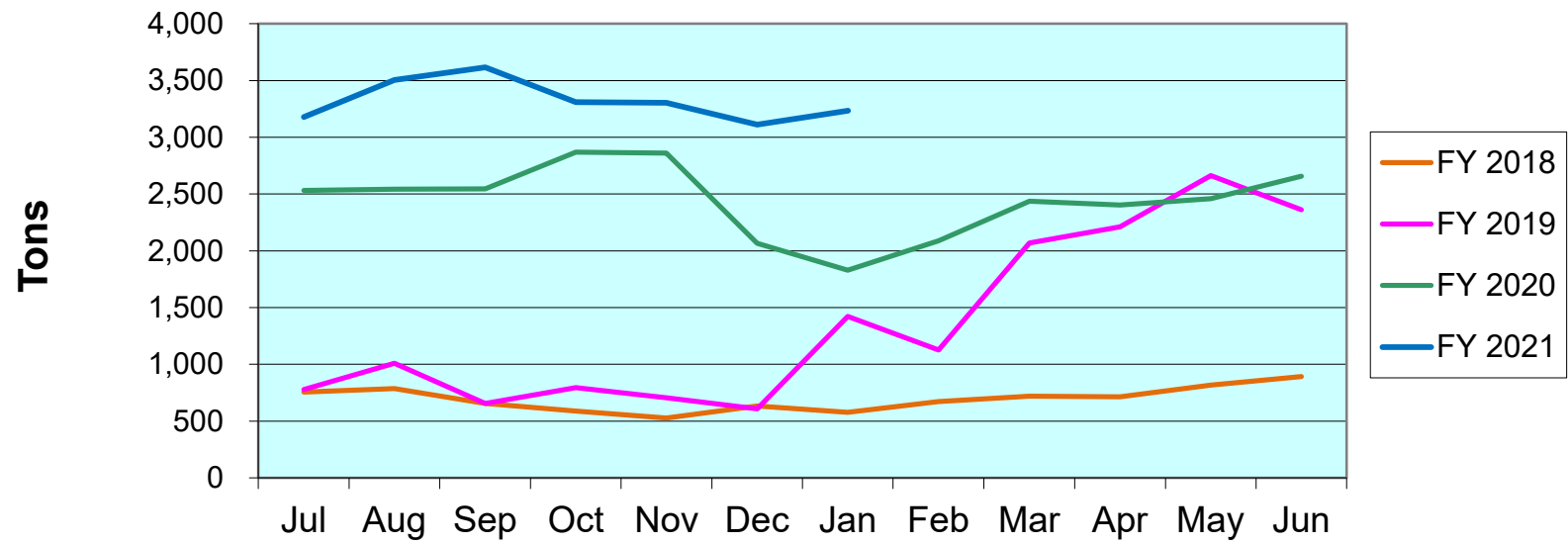
	419	424	427	120	-
	812	763	807	560	502
	156	187	265	792	456
	122	111	128	77	22
Total Fiber Products	1,509	1,485	1,627	1,549	980

Other Products

Glass
Metal Cans
Plastic

	252	252	411	467	273
	31	41	58	54	45
	86	103	127	114	77
Total Other Products	369	396	596	635	395
Total	1,878	1,881	2,223	2,184	1,375

**Rivanna Solid Waste Authority
Ivy MSW Transfer Tonnages
FY 2018 - 2021**



Ivy Material Utilization Center
Daily Scale Crossing Data



January 1-31, 2021

Days of

Operation: 25

Operation: 25		MSW collected at Transfer Station (tons)						Non-MSW
	Vehicles	Count	Citizen-Can	Construction	Domestic	MSW Total	Total Tons	
01/01/21	Friday	-	-	-	-	-	-	
01/02/21	Saturday	239	345	0.53	17.04	85.83	103.40	
01/03/21	Sunday	-	-	-	-	-	-	
01/04/21	Monday	209	264	0.13	48.95	132.87	181.95	
01/05/21	Tuesday	196	246	0.08	62.31	66.44	128.83	
01/06/21	Wednesday	205	286	0.08	70.59	156.11	226.78	
01/07/21	Thursday	163	199	0.38	33.78	65.42	99.58	
01/08/21	Friday	191	256	0.50	77.94	65.76	144.20	
01/09/21	Saturday	286	340	0.49	13.41	27.96	41.86	
01/10/21	Sunday	-	-	-	-	-	-	
01/11/21	Monday	192	219	0.33	33.62	101.41	135.36	
01/12/21	Tuesday	198	256	0.33	47.16	59.20	106.69	
01/13/21	Wednesday	188	219	0.42	53.14	117.05	170.61	
01/14/21	Thursday	193	228	0.34	46.91	70.68	117.93	
01/15/21	Friday	204	250	0.18	76.62	77.18	153.98	
01/16/21	Saturday	220	281	0.68	14.03	24.06	38.77	
01/17/21	Sunday	-	-	-	-	-	-	
01/18/21	Monday	191	186	0.36	111.83	114.59	226.78	
01/19/21	Tuesday	206	253	0.74	143.39	50.26	194.39	
01/20/21	Wednesday	172	217	0.13	68.64	118.32	187.09	
01/21/21	Thursday	187	195	0.34	95.61	56.05	152.00	
01/22/21	Friday	192	248	0.25	97.86	62.81	160.92	
01/23/21	Saturday	164	228	0.48	6.60	26.62	33.70	
01/24/21	Sunday	-	-	-	-	-	-	
01/25/21	Monday	158	183	0.24	22.86	54.22	77.32	
01/26/21	Tuesday	105	103	0.06	34.10	46.59	80.75	
01/27/21	Wednesday	170	223	0.34	24.57	137.82	162.73	
01/28/21	Thursday	135	164	0.26	44.50	61.83	106.59	
01/29/21	Friday	166	189	0.16	44.53	72.46	117.15	
01/30/21	Saturday	282	349	0.53	24.34	59.17	84.04	
01/31/21	Sunday	-	-	-	-	-	-	
Total		4,812	5,927	8.36	1,314.33	1,910.71	3,233.40	
Average		192	237	0.33	52.57	76.43	129.34	
Median		192	228	0.34	46.91	65.76	128.83	
Maximum		286	349	0.74	143.39	156.11	226.78	
Minimum		105	103	0.06	6.60	24.06	33.70	

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

Ivy Material Utilization Center
Daily Scale Crossing Data



February 1-28, 2021

Days of

Operation: 23

Operation: 23

		MSW collected at Transfer Station (tons)						Non-MSW
		Vehicles	Count	Citizen-Can	Construction	Domestic	MSW Total	Total Tons
02/01/21	Monday	58	64	0.08	9.34	152.22	161.64	2.93
02/02/21	Tuesday	96	108	0.02	44.24	95.01	139.27	19.62
02/03/21	Wednesday	136	165	0.29	25.15	116.08	141.52	18.86
02/04/21	Thursday	140	174	0.36	23.90	73.26	97.52	32.57
02/05/21	Friday	192	187	0.16	122.34	59.35	181.85	52.53
02/06/21	Saturday	247	403	0.59	23.34	35.05	58.98	12.15
02/07/21	Sunday	-	-	-	-	-	-	-
02/08/21	Monday	134	145	0.37	121.65	70.31	192.33	19.23
02/09/21	Tuesday	166	230	0.35	108.33	57.52	166.20	76.37
02/10/21	Wednesday	224	267	0.51	201.93	116.37	318.81	30.33
02/11/21	Thursday	84	143	0.07	32.78	72.95	105.80	4.56
02/12/21	Friday	34	33	-	11.90	24.79	36.69	5.12
02/13/21	Saturday	35	55	0.09	0.67	10.69	11.45	0.34
02/14/21	Sunday	-	-	-	-	-	-	-
02/15/21	Monday	120	125	0.59	35.88	95.42	131.89	22.56
02/16/21	Tuesday	159	233	0.50	37.27	67.03	104.80	10.03
02/17/21	Wednesday	211	319	0.69	85.76	160.86	247.31	14.23
02/18/21	Thursday	-	-	-	-	-	-	-
02/19/21	Friday	66	69	0.18	3.11	88.26	91.55	0.05
02/20/21	Saturday	185	246	0.50	7.35	43.34	51.19	1.98
02/21/21	Sunday	-	-	-	-	-	-	-
02/22/21	Monday	100	99	0.32	57.34	100.87	158.53	-
02/23/21	Tuesday	192	211	0.30	43.13	61.32	104.75	17.89
02/24/21	Wednesday	191	216	0.22	116.50	109.84	226.56	18.35
02/25/21	Thursday	188	184	0.19	56.24	53.84	110.27	20.74
02/26/21	Friday	208	251	0.21	84.22	77.51	161.94	38.46
02/27/21	Saturday	227	306	0.47	40.83	46.99	88.29	8.47
02/28/21	Sunday	-	-	-	-	-	-	-
Total		3,393	4,233	7.06	1,293.20	1,788.88	3,089.14	427.37
Average		148	184	0.31	56.23	77.78	134.31	18.58
Median		159	184	0.31	40.83	72.95	131.89	18.12
Maximum		247	403	0.69	201.93	160.86	318.81	76.37
Minimum		34	33	0.02	0.67	10.69	11.45	0.05

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



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 MATERIAL UTILIZATION CENTER REPORT/
RECYCLING OPERATIONS UPDATE

DATE: March 23, 2021

Ivy Material Utilization Center (IMUC) : DEQ Permit 132: 300 tons/day MSW limit

January 2021

- **4,812 vehicles crossed the scales**
- The IMUC transfer station operated 25 days and received a total of 3,233.40 tons of municipal solid waste (MSW), an average of 129.34 tons per day of operation. The monthly transfer station tonnage figures are attached to this report.
- 947.62 tons of non-MSW materials were received
- 4,181.02 tons were received as a combined total tonnage (MSW + non-MSW)

February 2021

- **3,393 vehicles crossed the scales**
- The IMUC transfer station operated 23 days and received a total of 3,089.14 tons of municipal solid waste (MSW), an average of 134.31 tons per day of operation. The monthly transfer station tonnage figures are attached to this report.
- 427.37 tons of non-MSW materials were received
- 3516.51 tons were received as a combined total tonnage (MSW + non-MSW)

Paint Collection:

On February 11, 2021, the Ivy MUC shipped out the 37th container of paint cans since the program began in August 2016. Each container holds about 4,200 one-gallon paint cans; therefore, we have

shipped about 155,400 paint cans. This program continues to make paint disposal more convenient for residents and alleviates some of the congestion during our fall and spring Household Hazardous Waste Days.

The oil-based paints that are collected are beneficially used as fuel for heat recovery, and the latex paints are re-processed back into commercial paints (www.latexpaintrecycling.com).

Compostable Food Waste Collection:

This program continues to operate smoothly at the IMUC, and is a free service for County residents. A similar bin has been placed at the Transfer Station for the receipt of compostable food wastes from commercial customers. Commercial customers are charged the established disposal fee of \$178 per ton.

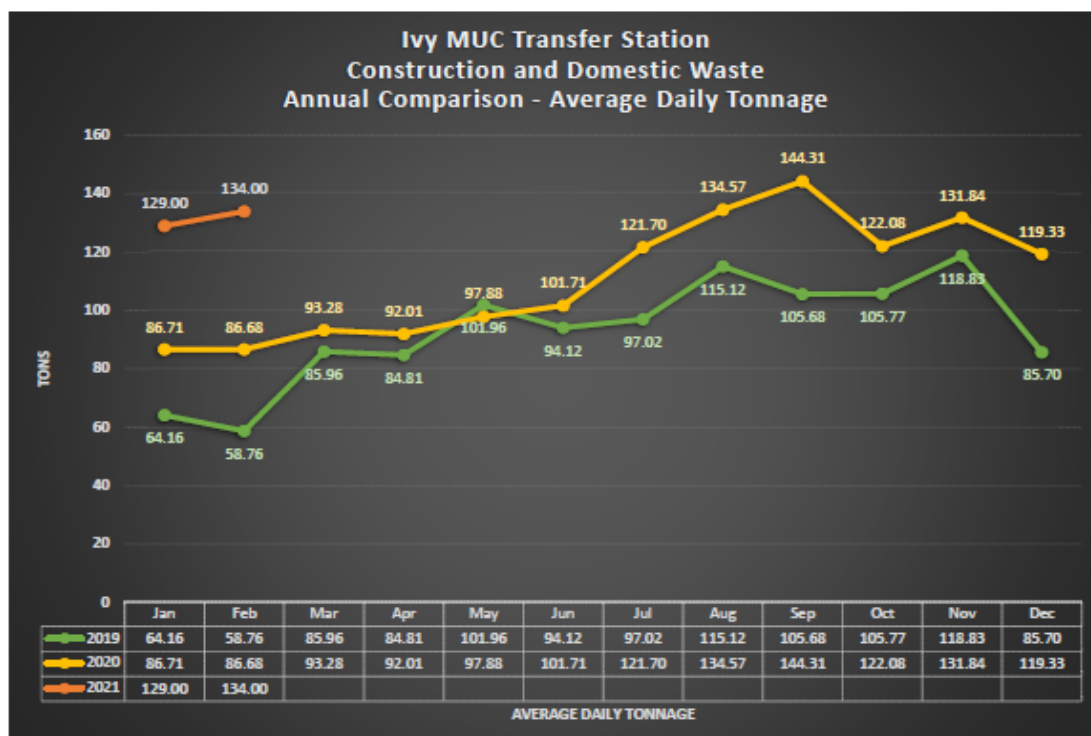
The McIntire Recycle Center received 6.52 tons of compostable materials from residents in January. The McIntire Recycle Center received 7.40 tons of compostable materials from residents in February.

Compost Sales at Ivy:

On April 17, 2020, compost sales (McGill Composting SoilBuilder®) began at Ivy. As of March 3, 2021, 72.03 tons of material have been sold. The sales price for compost is \$75 per ton (Note, there are approximately 2 cubic yards in a ton of compost. Therefore \$75.00 a ton is approximately \$37.50 per cubic yard). This price was intended to cover the direct costs of compost purchase and delivery of \$49.50 per ton, as well as defray other costs including administration, equipment, fuel, labor, etc.

Transfer Station Update

Disposal tonnages continue to follow seasonal trends as shown on the following figure.



Ivy Convenience Center (ICC) and McIntire Recycling Center (MRC)

As part of our safety enhancements program, we have replaced the steps we use to allow customer to more easily reach our recycling containers with steps that have handrails. These new steps with handrails should allow customers more stability when they step onto or off the platforms. The platforms are all aluminum and have wheels that allow them to be easily moved, yet still be stable.





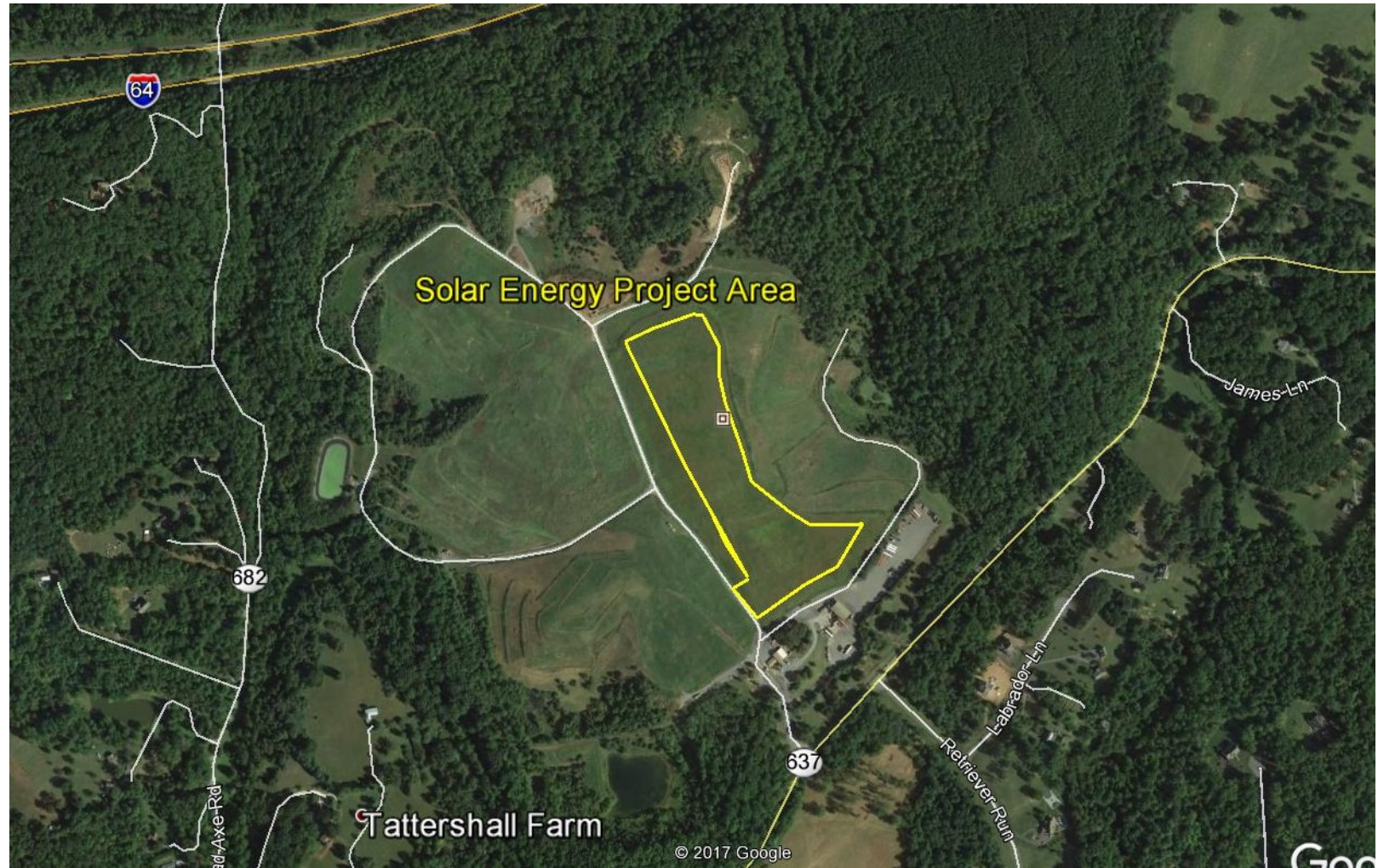
Ivy MUC Solar Energy Project Update

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

March 23, 2021



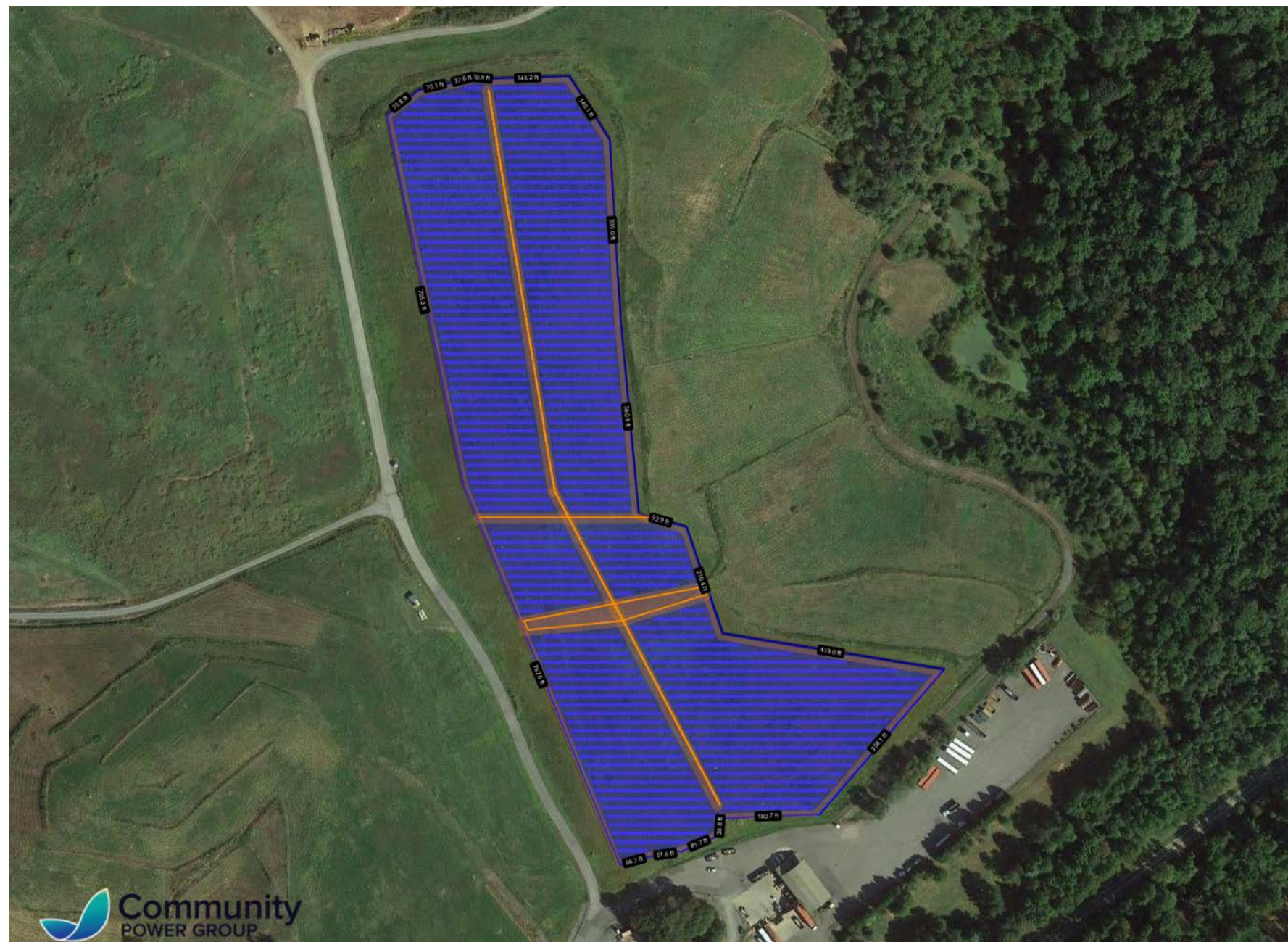
Ivy MUC Site Overview



Background

- In June 2017, staff presented a Solar Development Project at the Ivy MUC to the Board for consideration.
- In September, 2017 a lease was signed with Community Power Group after an RFP process.
- The project and lease included up to 12 acres of solar facilities on one of the closed landfill cells.
- The project was expected to start by 2017 or 2018, but due to timing within Dominion Energy, this project was not selected until now.

Mock-up sketch of how the solar arrays may look on the site



What now?

- Dominion is expected to take approximately 10 to 12 months to finalize two interconnection agreements as well as negotiate the Power Purchase Agreement with Community Power Group.
- Construction of the Solar project is expected to begin in the Spring of 2022 and be completed with the facility generating power by late Summer to Fall of 2022.
- RSWA will be paid a ground lease for the expected 20-year life of the facility (\$800 / acre / year).



Questions?

MEMORANDUM

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

FROM: BILL MAWYER, EXECUTIVE DIRECTOR

**SUBJECT: INTRODUCTION OF FISCAL YEAR 2021-2021 BUDGET,
AND ADOPTION OF PRELIMINARY RATE RESOLUTION**

DATE: MARCH 23, 2021

Fiscal Year 2021-2022 will be another dynamic year for the Rivanna Solid Waste Authority. A budget totaling \$5.4 million is proposed to provide our essential services. We expect to develop a new recycling and refuse collection Convenience Center located in southern Albemarle County, at the request of the Albemarle Board of Supervisors. The facility is scheduled to be completed and open for services in the third quarter of FY 2022. In addition, solar energy facilities may be installed on the capped landfill cells by the Community Power Group, a company with whom we leased space in 2017. The Transfer Station continues to receive about 125 tons per day of municipal solid waste and construction demolition debris, far exceeding the transfer goal of 89 tons per day hoped for when the tip fee was decreased and operating days were increased in FY 2018 – 2019. Our Fall and Spring Amnesty Disposal Programs for Household Hazardous Waste, eWaste and Bulky Waste will also continue to be provided as beneficial services for the community.

To support these solid waste services, along with other operating and environmental programs, an FY 2021-2022 budget totaling \$5.4 million is proposed. This budget represents an increase in operating expenses of 5.5% (\$0.28 million), largely due to the additional costs to process more tonnage through the Transfer Station, as well as investments in building and equipment replacement along with our workforce. Revenues from tip fees and product sales are estimated to be \$2.6 million, a 7% increase above FY 2020-2021 levels, resulting in a net budget increase of \$0.11 million. Two additional positions are proposed to support our grounds maintenance and transfer/operation programs, along with a 2% merit performance pool for all eligible employees. Estimated capital expenses total \$1.84 million, including \$1.1 million for the Keene Convenience Center, along with \$0.74 million to replace essential equipment and complete building improvements. The estimated support required to provide our programs includes \$2.2 million from Albemarle County, an increase of \$262,000, \$499,000 from the City, an increase of \$52,000, and \$79,982 from the University of Virginia. Tipping fees for materials delivered to, or sold from, the Ivy MUC will remain unchanged.

Board Action Recommended:

Adopt the attached Preliminary Rate Resolution, and authorize advertisement of the proposed rate schedule for a public hearing during the Board's regular meeting on May 25, 2021.

Attachment



RESOLUTION

ADOPTION OF THE RIVANNA SOLID WASTE AUTHORITY PRELIMINARY RATE SCHEDULE FOR FISCAL YEAR 2022

WHEREAS, Rivanna Solid Waste Authority (the “Authority”) Board of Directors has reviewed the proposed budget and associated rates for Fiscal Year 2022; and

WHEREAS, Section 15.2-5136(G) of the Code of Virginia, requires the adoption of the preliminary rate schedule for notification of a public hearing prior to any rate change; of which there is a 14-day requirement between the date of the last of two public notices and the actual date fixed for the public hearing; and

NOW, THEREFORE, BE IT RESOLVED that the Rivanna Solid Waste Authority Board of Directors hereby approves the accompanying Ivy Material Utilization Center preliminary rate schedule for the purpose of notification of a public hearing to be held on May 25, 2021 at 2:00 p.m. during the regularly scheduled Board of Directors meeting.

<u>TIPPING FEES PER TON:</u>			<u>TIPPING FEES PER ITEM:</u>		
Clean Fill Material	\$ 10.00		Freon Appliances	\$ 17.00	
Vegetation/ Yard Waste	\$ 48.00		Non-Freon Appliances	\$ 9.00	
Non-Freon Appliances	\$ 105.00		Passenger Veh. Tire Off Rim	\$ 6.00	
Domestic Waste (MSW)	\$ 52.00		Passenger Veh. Tire With Rim	\$ 13.00	
Construction Debris (CDD)	\$ 52.00		Large Truck Tire Off Rim	\$ 17.00	
Compostable Waste (Business Only)	\$ 178.00		Large Truck Tire With Rim	\$ 33.00	
Tires	\$ 190.00				
<u>OTHER CHARGES:</u>					
Minimum Charge (per load)	\$ 6.00		Service Fee Per Ticket:		
Mulch or Lumber Log (per ton)	\$ 30.00		Albemarle County customers	\$ 1.00	
Compost Sold (per ton)	\$ 75.00		Other customers	\$ 10.00	
Trash Stickers (for set of 12)	\$ 24.00				
Ticket Request (per copy)	\$ 1.00				
Credit Application Fee (each)	\$ 35.00				



RIVANNA SOLID WASTE AUTHORITY PUBLIC HEARING CONCERNING THE DRAFT BUDGET AND PROPOSED TIPPING FEES FOR FY 2022, WHICH BEGINS JULY 1, 2021

Public Hearing:

Rivanna Solid Waste Authority will hold a public hearing on Tuesday, May 25, 2021 at 2:00 p.m. at the regular Rivanna Solid Waste Authority Board of Directors meeting. The purpose of the public hearing is to consider the following fees and charges effective July 1, 2021:

<u>TIPPING FEES PER TON:</u>		<u>TIPPING FEES PER ITEM:</u>	
Clean Fill Material	\$ 10.00	Freon Appliances	\$ 17.00
Vegetation/ Yard Waste	\$ 48.00	Non-Freon Appliances	\$ 9.00
Non-Freon Appliances	\$ 105.00	Passenger Veh. Tire Off Rim	\$ 6.00
Domestic Waste (MSW)	\$ 52.00	Passenger Veh. Tire With Rim	\$ 13.00
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Compostable Waste (Business Only)	\$ 178.00	Large Truck Tire With Rim	\$ 33.00
Tires	\$ 190.00		
<u>OTHER CHARGES:</u>			
Minimum Charge (per load)	\$ 6.00	Service Fee Per Ticket:	
Mulch or Lumber Log (per ton)	\$ 30.00	Albemarle County customers	\$ 1.00
Compost Sold (per ton)	\$ 75.00	Other customers	\$ 10.00
Trash Stickers (for set of 12)	\$ 24.00		
Ticket Request (per copy)	\$ 1.00		
Credit Application Fee (each)	\$ 35.00		

Additional information can be obtained on the Rivanna website at www.rivanna.org. Please call 977-2976, ext. 0 or send e-mail to info@rivanna.org with any questions you may have.

Proposed Budget

FY 2021- 2022

Presented to the RSWA Board of Directors



by Bill Mawyer, Executive Director

March 23, 2021

Budget Summary

FY 2021-2022

➤ Total Budget: \$5.4 M

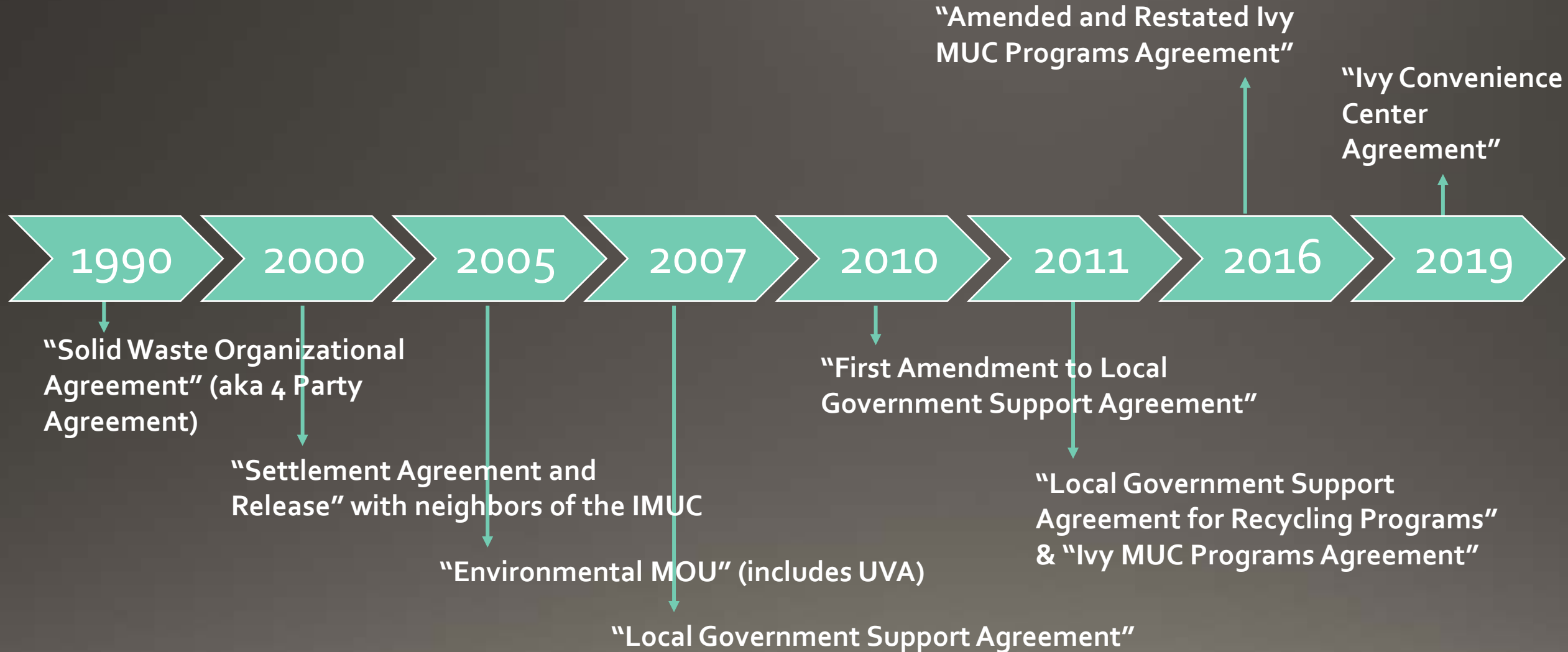
Expenses	\$5,437,103	\$285,634	5.5% increase
Revenues	\$2,587,900	\$170,200	7.0 % increase
<hr/>			
Net	\$2,849,203	\$115,434	4.2 % increase

➤ County Contribution: \$2,270,122 \$262,701 13% increase

➤ City Contribution: \$499,099 \$52,734 12% increase

➤ UVA Contribution: \$79,982 (thru FY 2035)

History of the RSWA



History of the RSWA

1. **“Solid Waste Organizational Agreement” (aka 4 Party Agreement) 1990**
 - “With the ultimate goal of acquiring, financing, constructing and/or operating and maintaining a regional garbage and refuse disposal system(s).... for reduction, recycling and disposal of solid waste”
2. **“Settlement Agreement and Release”, 2000, with neighbors of the IMUC**
 - Restrictions on continuing waste disposal operations. Ended landfilling at IMUC
3. **“Environmental MOU”, 2005 (includes UVA)**
 - allocated funding for monitoring and maintenance of the closed LF cells
4. **“Local Government Support Agreement”, 2007**
 - Established local government contributions to RSWA to fund administrative and operating expenses. City may award a new residential curbside solid waste collection contract.

History of the RSWA

5. **"First Amendment to Local Government Support Agreement", 2010**

- City and County agreed to continue to fund RSWA administrative and operating expenses until December 31, 2010.

6. **"Local Government Support Agreement for Recycling Programs", 2011**

- City and County agreed to fund RSWA recycling services at the McIntire Recycling Center and the Paper Sort

7. **"Ivy MUC Programs Agreement", 2011, County/RSWA**

- County to fund RSWA services at the IMUC

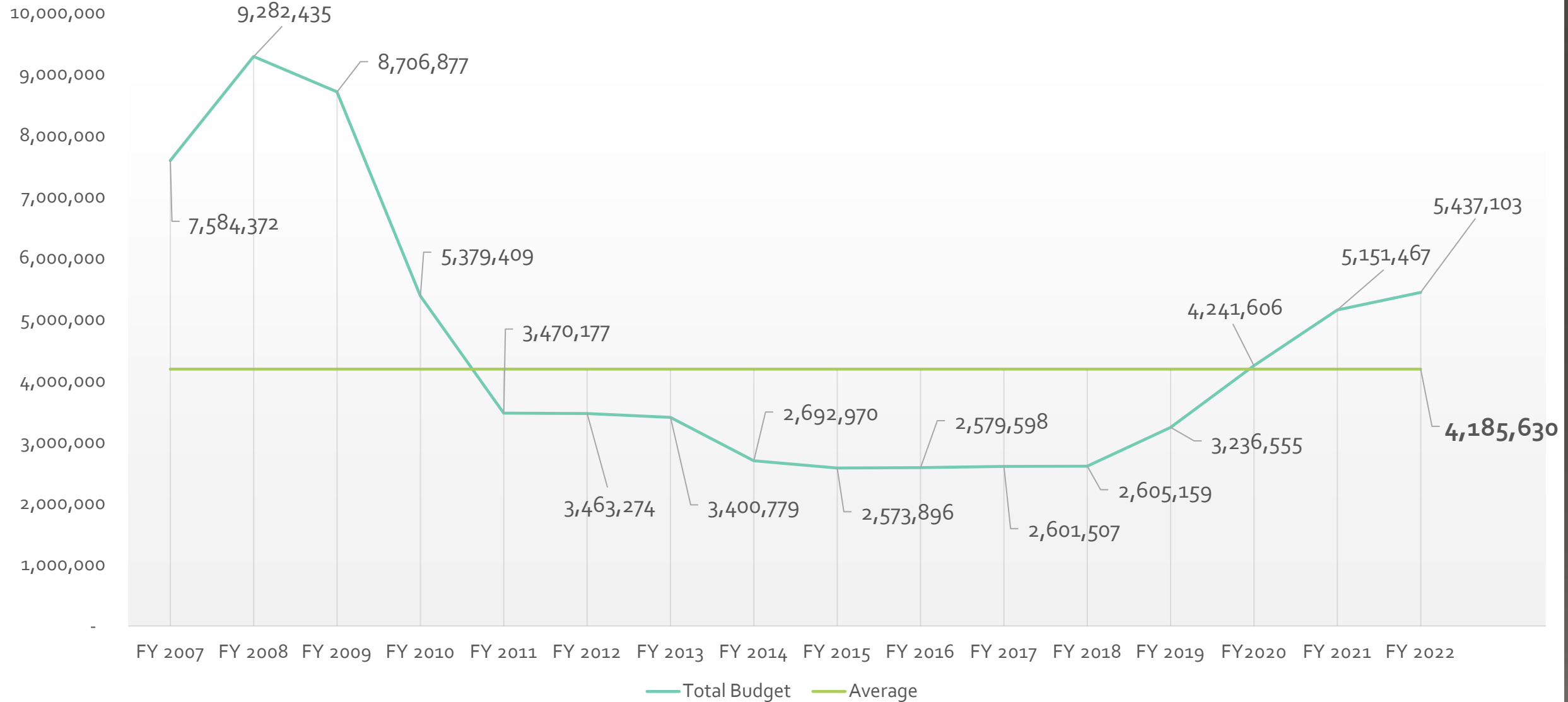
8. **"Amended and Restated Ivy MUC Programs Agreement", 2016, County/RSWA**

- Design and construct a new Transfer Station, demolish the existing transfer station

9. **"Ivy Convenience Center Agreement", 2019, County/RSWA**

- Design and construct a new Convenience Center

16 Year Budget History



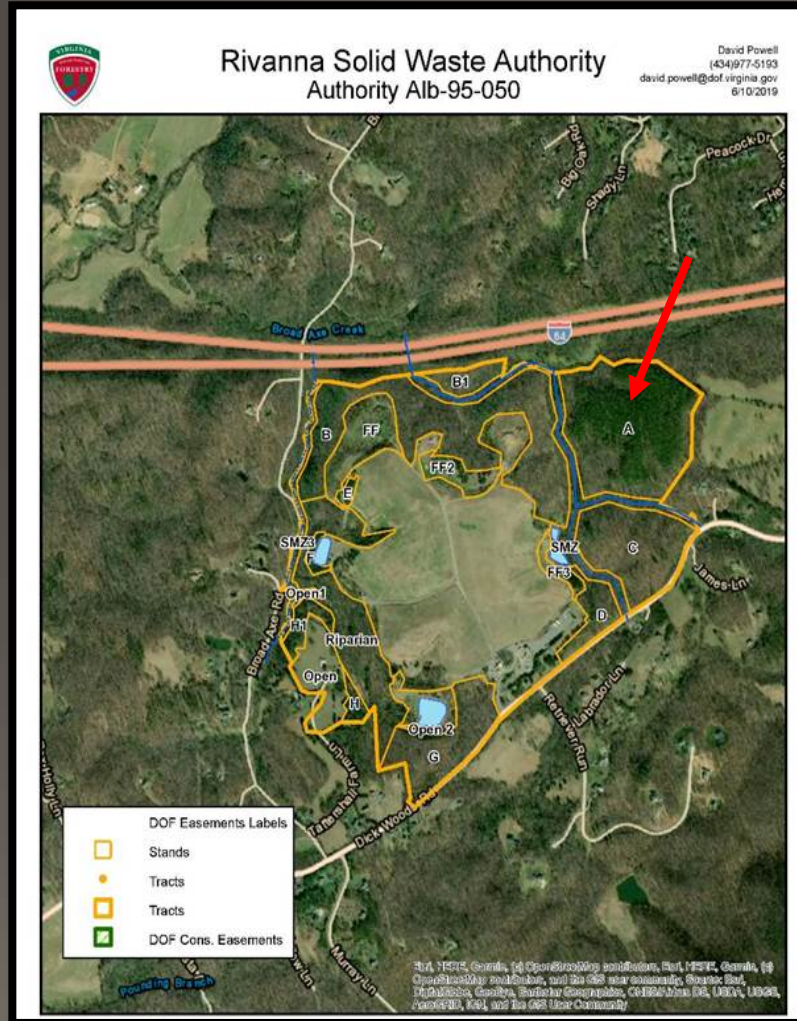
Accomplishments in FY 2021

- Managed increased daily tonnage thru Transfer Station during a pandemic
- Repaired landfill cell caps
- Initiated Buffer Management Plan, Phase One, at IMUC
- Continued HHW, eWaste, and Compost Programs

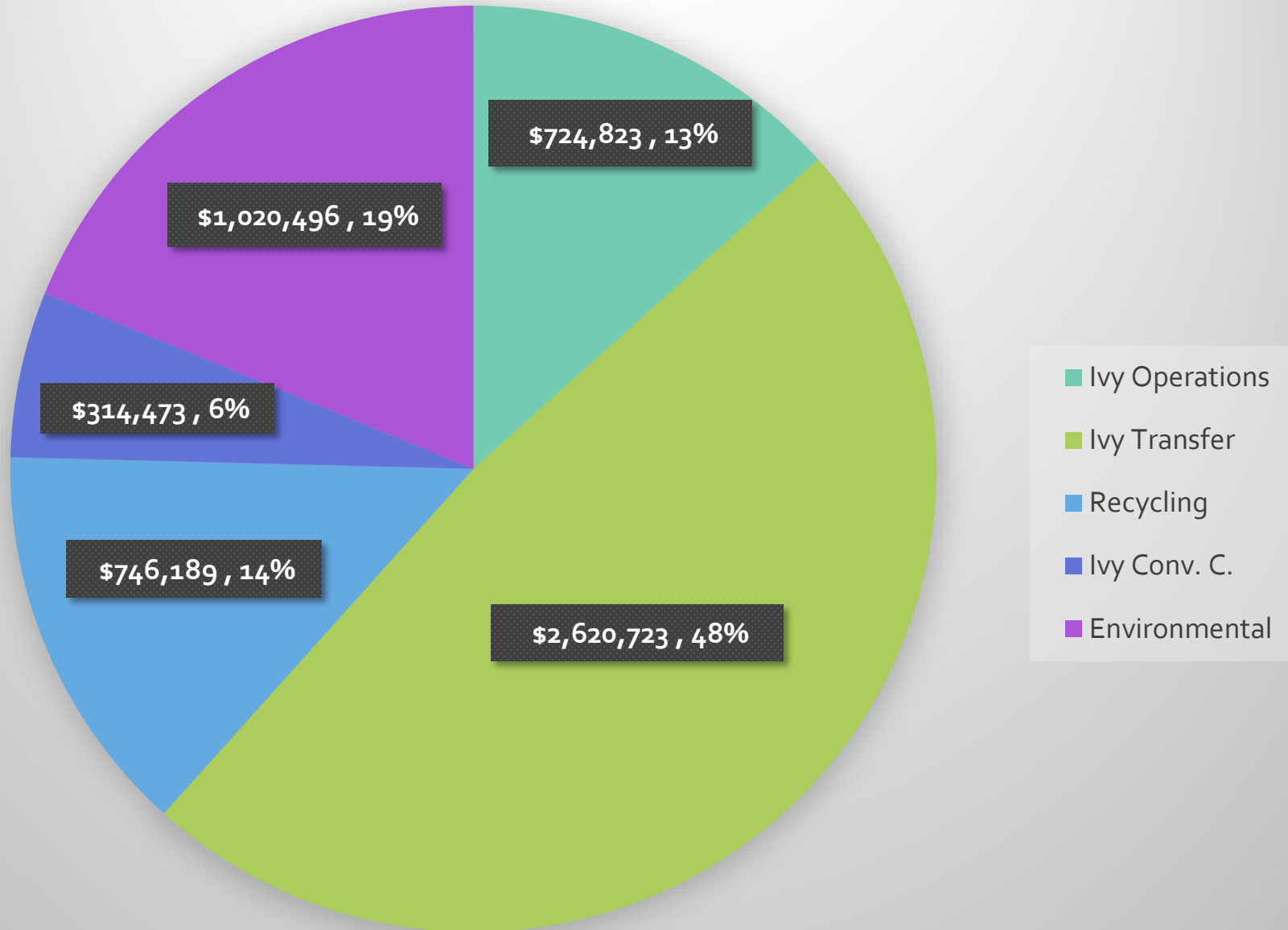


Looking Ahead to FY 2022

- Complete the Keene Convenience Center
- Complete Buffer Management Plan, Stand A
- Explore sustainability opportunities (solar)
- Expand glass recycling program



FY 2022 Budget: \$5.4 M



Solid Waste Programs

Programs

Ivy Transfer – Staff, Maintenance, and Contract Costs for the
Transportation and Disposal of Municipal Solid
Waste & Construction/Demolition Debris;
Operate the Encore Shop

- Revenues: \$1,926,400
- Expenses: \$(2,620,723)
- Net: \$(694,323)
- Support: 100% County*

*Amended & Restated Ivy Material Utilization Center Programs Agreement (2016)
Supports 25% of the total Administrative Services expenses of the Authority

Programs

Environmental – Groundwater/Gas Remediation for the closed Landfill Cells; eWaste, Household Hazardous Waste, Paint Disposal

• Revenue:	\$50,000	Support*	
• <u>Expenses:</u>	<u>\$(1,020,495)</u>	• UVA:	\$ 79,982 fixed
		County:	\$574,381 64.5%
• Net:	\$970,495	• <u>City:</u>	<u>\$316,132 35.5%</u>
			\$970,495

- * Environmental Memorandum of Understanding (2005)
 - Fixed amount to UVA for 30 years (2035)
- Supports 30% of the total Administrative Services expenses of the Authority

Programs

Ivy Operations – Vegetation/Mulch, Furniture, Tires, Appliances, Clean Fill

- Revenue: \$444,800
- Expenses: \$(724,823)
- Net: \$(280,023)
- Support: 100% County*

*Ivy Material Utilization Center Programs Agreement (2011)

Supports 25% of total Administrative Services expenses of the Authority

Programs

Recycling – McIntire Recycling Center and Paper Sort Facility

• Revenues:	\$136,300	• Support*		
• <u>Expenses:</u>	<u>\$(746,189)</u>	• County:	\$426,922	70%
• Net:	\$(609,889)	• <u>City:</u>	<u>\$182,967</u>	<u>30%</u>
			\$609,889	

*Local Government Support Agreement for Recycling Programs (2011)

Supports 20% of the total Administrative Services expenses of the Authority

Programs

Ivy Convenience Center – Recycling and Bagged Refuse Collection

- Revenues: \$20,000
- Expenses: \$(314,473)
- Net: \$(294,473)
- Support: 100% County*

*Ivy Convenience Center Agreement (2019)

Allocation Summary

FY 2021-2022

Programs	City	County	UVA
1. Environmental	316,132	574,381	79,982
2. Recycling	182,967	426,922	0
3. Transfer	0	694,323	0
4. Operations	0	280,023	0
5. Ivy Convenience Ctr	0	294,473	0
	\$499,099	\$2,270,122	\$79,982

Strategic Investments

- Infrastructure
 - Building and Equipment Depreciation \$130k
- Workforce
 - 2 Additional Positions \$98k
 - Operator Attendant, Grounds Maintenance
 - Driver/Equipment Operator, Transfer Station
 - RSWA-absorbed Health Insurance,
Workers Compensation Costs \$30k
 - 2% Merit Pool \$20k
- Operational
 - Transfer of Additional Refuse \$90k
 - Credit Card / Banking Fees \$15k
 - *No Change in Tip Fees*

One employee per position unless noted in parenthesis ()

FTE Positions by Department			
Department	FY 20-21 FTE	FY 21-22 FTE	Change + / (-)
Ivy & Recycling Operations	18.50	20.50	2.00
* Joint Administrative Staff	17.00	19.00	2.00
	35.50	39.50	4.00

* All positions except for the Solid Waste Director and its reports are Joint Administration Staff.

FTE = Full Time Employee

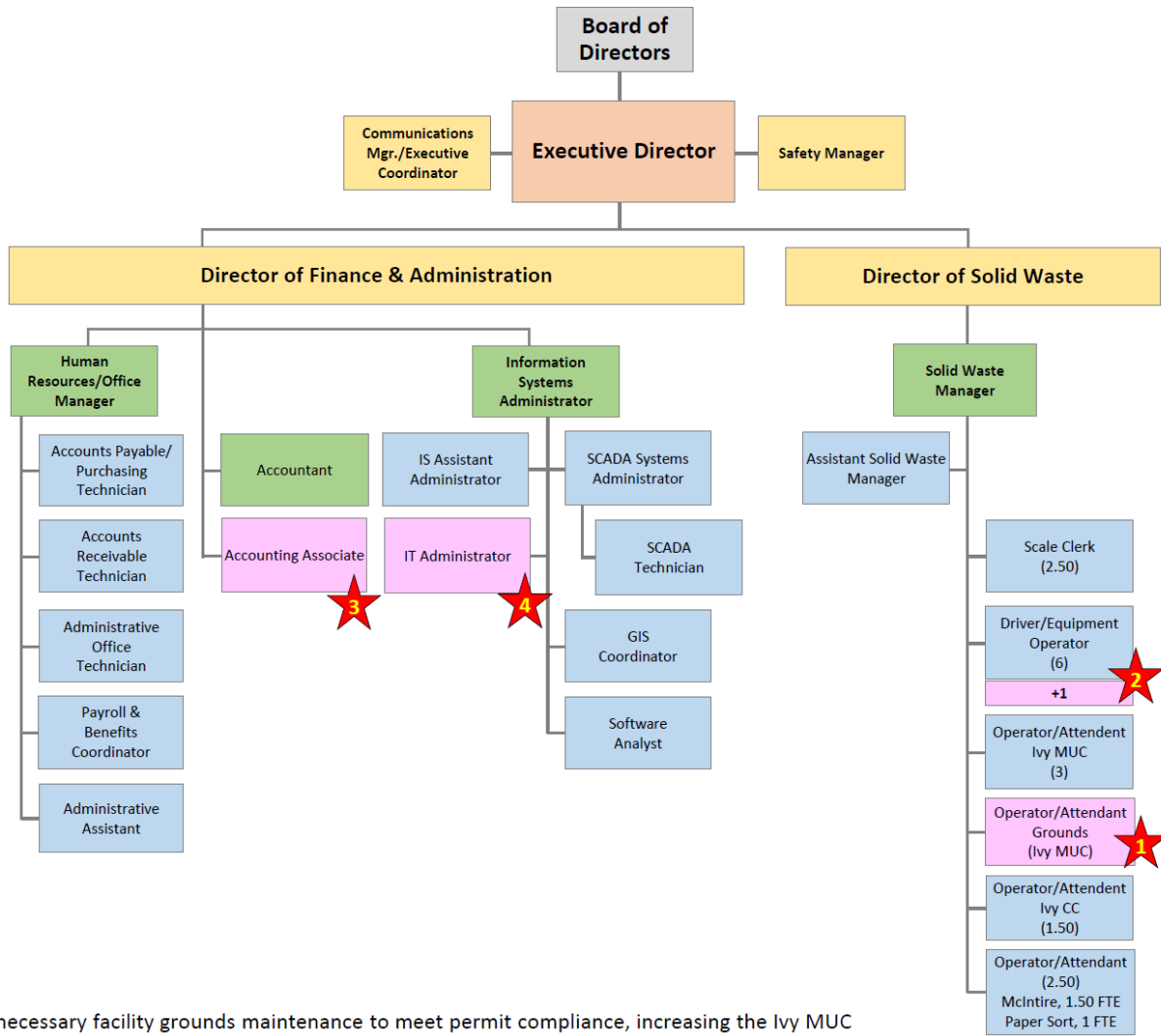
FY 2021-2022 FTE Changes

Ivy & Recycling Operations (overall increase: 2 FTE positions)

- 1. Addition of an Ivy MUC Operator/Attendant (1 FTE) position to perform necessary facility grounds maintenance to meet permit compliance, increasing the Ivy MUC Operator/Attendant positions from 3 to 4 FTE.
- 2. Addition of a Driver/Equipment Operator (1 FTE) position, increasing the Driver/Equipment Operator positions from 6 to 7 FTE.

Joint Administrative Staff (overall increase: 2 FTE positions)

- 3. Addition of an Accounting Associate (1 FTE) position.
- 4. Addition of an IT Administrator (1 FTE) position.



FY 2021-2022 Budget Summary

➤ Total Budget: \$5.4 M

Expenses	\$5,437,103	\$285,634	5.5% increase
Revenues	\$2,587,900	\$170,200	7.0 % increase
Net	<\$2,849,203 >	<\$115,434>	4.2 % increase
Reserves	\$0	<u><\$200,000></u>	100% decrease
Total change		<\$315,434>	

- County Contribution: \$2,270,122 \$262,701 13% increase
- City Contribution: \$499,099 \$52,734 12% increase
- UVA Contribution: \$79,982 (thru FY 2035)

RESOLUTION

ADOPTION OF THE RIVANNA SOLID WASTE AUTHORITY PRELIMINARY RATE SCHEDULE FOR FISCAL YEAR 2022

WHEREAS, Rivanna Solid Waste Authority (the “Authority”) Board of Directors has reviewed the proposed budget and associated rates for Fiscal Year 2022; and

WHEREAS, Section 15.2-5136(G) of the Code of Virginia, requires the adoption of the preliminary rate schedule for notification of a public hearing prior to any rate change; of which there is a 14-day requirement between the date of the last of two public notices and the actual date fixed for the public hearing; and

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Trash Stickers (for set of 12)	\$ 24.00				
Ticket Request (per copy)	\$ 1.00				
Credit Application Fee (each)	\$ 35.00				

Questions?

Action to be Considered by the Board:

Approval of the Preliminary Rate Resolution, and Authorization to Advertise the Preliminary Rate Schedule for a Public Hearing to be held during a meeting of the Board of Directors on May 25, 2021.

FY 2022 PROPOSED BUDGET

**Board of Directors Draft
March 23, 2021**



Rivanna Solid Waste Authority
FY 2022 Draft Budget

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Prepared March 2, 2021
 Draft BOD Draft 4

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**RIVANNA SOLID WASTE AUTHORITY
BUDGET SUMMARY BY PROGRAM
FISCAL YEAR 2022**

Operations Only	Operations Programs Only			IVY OPERATIONS			MSW-IVY TRANSFER			IVY CONVENIENCE CENTER			RECYCLE OPERATIONS			ADMINISTRATION SERVICES		
	Adopted Budget FY 2021	Draft Budget FY 2022	Budget	Adopted Budget FY 2021	Draft Budget FY 2022	Budget	Adopted Budget FY 2021	Draft Budget FY 2022	Budget	Adopted Budget FY 2021	Draft Budget FY 2022	Budget	Adopted Budget FY 2021	Draft Budget FY 2022	Budget	Adopted Budget FY 2021	Draft Budget FY 2022	Budget
REVENUES																		
Ivy Tipping Fees	\$ 236,000	\$ 334,800		\$ 236,000	\$ 334,800		\$ -	\$ -		\$ -	\$ -		\$ -	\$ -		\$ -	\$ -	
Ivy MSW Tipping	1,771,000	1,833,400		-	-		1,771,000	1,833,400		-	-		-	-		-	-	
Material Sales-Ivy	110,000	110,000		110,000	110,000		-	-		-	-		-	-		-	-	
Recycling Revenues	156,300	156,300		-	-		-	-		20,000	20,000		136,300	136,300		-	-	
Other Revenues	93,000	93,000		-	-		93,000	93,000		-	-		-	-		-	-	
Interest & Fees	51,400	10,400		-	-		-	-		-	-		-	-		51,400	10,400	
Total Revenues	\$ 2,417,700	\$ 2,537,900		\$ 346,000	\$ 444,800		\$ 1,864,000	\$ 1,926,400		\$ 20,000	\$ 20,000		\$ 136,300	\$ 136,300		\$ 51,400	\$ 10,400	
% Change		4.97%			28.55%			3.35%						0.00%			-79.77%	
EXPENSES																		
Ivy Operations	\$ 402,666	\$ 518,796		\$ 402,666	\$ 518,796		\$ -	\$ -		\$ -	\$ -		\$ -	\$ -		\$ -	\$ -	
MSW Transfer-Ivy	2,262,393	2,414,696		-	-		2,262,393	2,414,696		-	-		-	-		-	-	
Ivy Convenience Center	300,682	314,473		-	-		-	-		300,682	314,473		-	-		-	-	
Recycling Operations	553,158	581,368		-	-		-	-		-	-		553,158	581,368		-	-	
Administration	797,358	834,506		-	-		-	-		-	-		-	-		797,358	834,506	
Total Expenses	\$ 4,316,258	\$ 4,663,839		\$ 402,666	\$ 518,796		\$ 2,262,393	\$ 2,414,696		\$ 300,682	\$ 314,473		\$ 553,158	\$ 581,368		\$ 797,358	\$ 834,506	
% Change		8.05%			28.84%			6.73%						5.10%			4.66%	
Subtotal	\$ (1,898,558)	\$ (2,125,939)		\$ (56,666)	\$ (73,996)		\$ (398,393)	\$ (488,296)		\$ (280,682)	\$ (294,473)		\$ (416,858)	\$ (445,068)		\$ (745,958)	\$ (824,106)	
Administrative allocations (Appendix 3)																		
Administrative costs to Envir. MOU	\$ 223,787	\$ 247,232														\$ 223,787	\$ 247,232	
Administrative costs to Operations		-		(171,007)	(206,027)		(171,007)	(206,027)		-	-		(136,806)	(164,821)		522,171	576,874	
Net Operating Results	\$ (1,674,771)	\$ (1,878,707)		\$ (227,673)	\$ (280,023)		\$ (569,400)	\$ (694,323)		\$ (280,682)	\$ (294,473)		\$ (553,664)	\$ (609,889)		\$ (0)	\$ -	
Other Funding Sources & Adjustments:																		
Local Government Contributions - Operations	\$ 1,674,771	\$ 1,878,707																
County Contribution - Capital Grant	\$ -	\$ 1,100,000																
Transfer to Capital Fund-Ivy Recycling Center	-	(1,100,000)																
Surplus (Deficit) - Operations	\$ 0	\$ -																

Variance
203,936

Environmental Programs

LOCAL SUPPORT	Adopted Budget FY 2021	Draft Budget FY 2022	
MOU Support & revenues	\$ 858,998	\$ 1,020,496	
Total MOU Support	\$ 858,998	\$ 1,020,496	
			18.80%
EXPENSES			
Ivy Environmental	\$ 835,210	\$ 773,264	
Administrative allocation	223,787	247,232	
	\$ 1,058,997	\$ 1,020,496	
			-7.42%
Cash Reserves Used			
	\$ 200,000	\$ -	
Surplus (Deficit) - Environmental	\$ -	\$ 0	

161,498

365,434
(50,000)
315,434

**RIVANNA SOLID WASTE AUTHORITY
ENVIRONMENTAL HORIZON**

Item	Description	FY 2021 Adopted Budget	FY 2021 as of December 2020	Estimated Yearend FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027-2031 Five year Estimate	TEN YEAR ESTIMATE
1	Groundwater System Maintenance	\$ 6,500	\$ 8,334	\$ 10,000	\$ 6,500	\$ 6,500	\$ 6,500	\$ 6,500	\$ 6,500	\$ 32,500	\$ 65,000
2	Gas System Maintenance support	30,000	21,751	30,000	40,000	30,000	50,000	30,000	30,000	150,000	330,000
3	Ambient Air & Ground Water Monitoring - Settlement	7,000	3,499	7,000	8,500	5,000	5,000	5,000	5,000	25,000	53,500
4	Compliance Ground Water Well Monitoring - Permit related	75,000	71,915	75,000	75,000	65,000	70,000	70,000	70,000	350,000	700,000
5	Surface Water	15,000	5,053	10,000	18,000	15,000	15,000	15,000	15,000	75,000	153,000
6	Cell 3 Cap Replacement	200,000	23,208	200,000	-	-	-	-	-	-	-
7	Cell 3 O&M	-	-	-	-	-	-	-	-	-	-
8	Paint Pit SVE	-	-	-	-	-	-	-	-	-	-
9	Full-Scale EBR - Monitoring	35,000	20,379	35,000	45,000	30,000	35,000	35,000	35,000	175,000	355,000
10	Full-Scale EBR - Injections and Reporting	-	-	-	-	-	30,000	-	-	-	30,000
11	Cobalt MNA Monitoring	5,000	-	5,000	12,000	4,000	4,000	4,000	4,000	20,000	48,000
12	Greenhouse Gas Monitoring and Reporting	5,000	3,000	5,000	10,000	5,000	5,000	5,000	5,000	25,000	55,000
N/A	Contingency	20,000	-	-	15,000	20,000	20,000	20,000	20,000	100,000	195,000
N/A	Existing Operations & Maintenance (staff, insurance, maint.)	436,710	225,611	448,082	543,264	559,562	576,349	593,639	611,448	629,792	3,514,054
	Total Estimated Cost	\$ 835,210	\$ 382,750	\$ 825,082	\$ 773,264	\$ 740,062	\$ 816,849	\$ 784,139	\$ 801,948	\$ 1,582,292	\$ 5,498,554

Rivanna Solid Waste Authority

Organizational Chart

FY 2021-2022 Proposed Budget

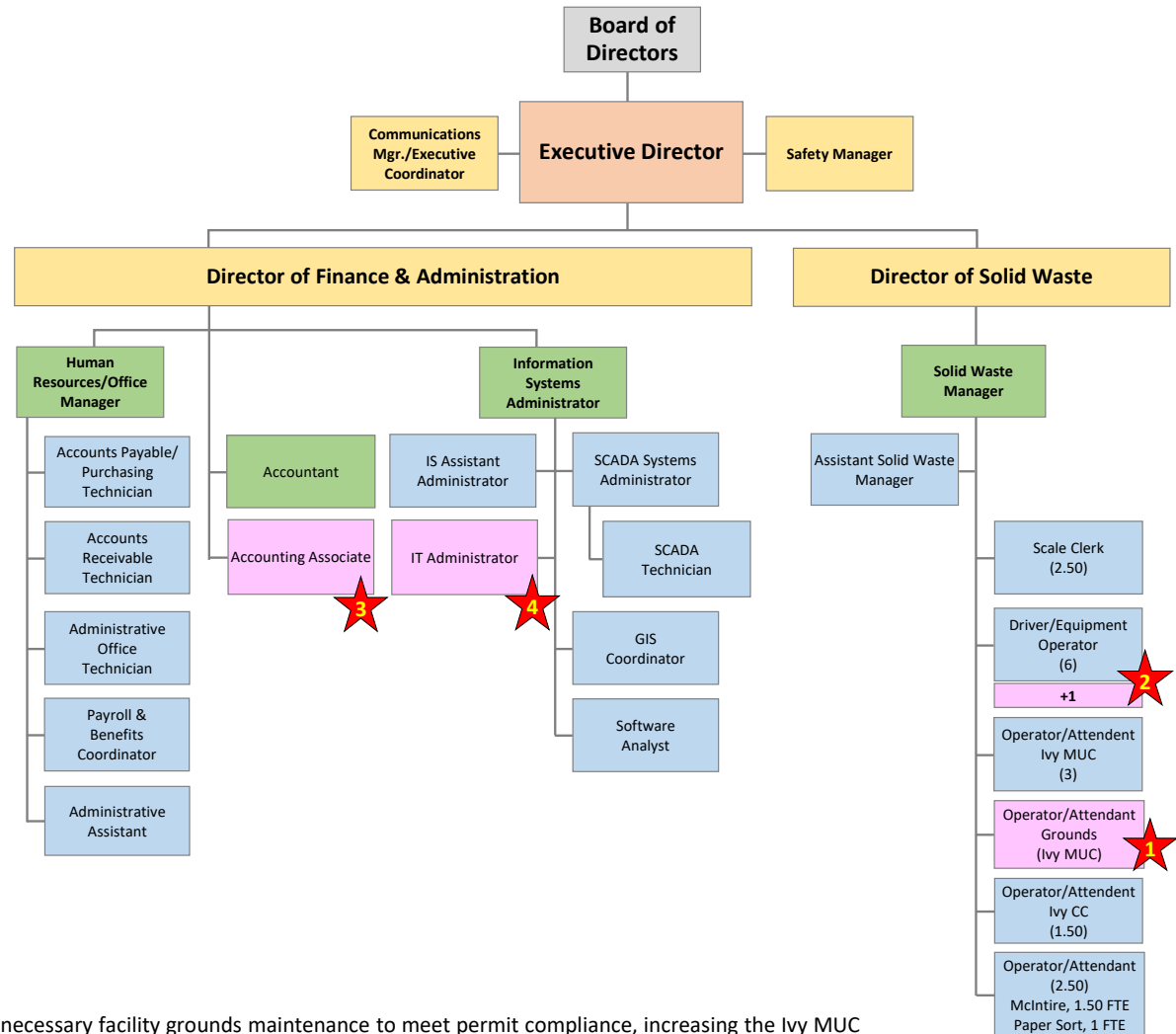
v1

One employee per position unless noted in parenthesis ()

FTE Positions by Department			
Department	FY 20-21 FTE	FY 21-22 FTE	Change +/-
Ivy & Recycling Operations	18.50	20.50	2.00
* Joint Administrative Staff	17.00	19.00	2.00
	35.50	39.50	4.00

* All positions except for the Solid Waste Director and its reports are Joint Administration Staff.

FTE = Full Time Employee



FY 2021-2022 FTE Changes

Ivy & Recycling Operations (overall increase: 2 FTE positions)

1. Addition of an Ivy MUC Operator/Attendant (1 FTE) position to perform necessary facility grounds maintenance to meet permit compliance, increasing the Ivy MUC Operator/Attendant positions from 3 to 4 FTE.
2. Addition of a Driver/Equipment Operator (1 FTE) position, increasing the Driver/Equipment Operator positions from 6 to 7 FTE.

Joint Administrative Staff (overall increase: 2 FTE positions)

3. Addition of an Accounting Associate (1 FTE) position.
4. Addition of an IT Administrator (1 FTE) position.

Rivanna Solid Waste Authority
Fiscal Year 2020-2022 Budget Summary - Draft

OPERATIONS	Adopted Budget FY 2020-2021	Estimated Year-end FY 2020-2021	Draft Budget FY 2021-2022	FY 2021 vs. FY 2022 Variance \$	FY 2021 vs. FY 2022 Variance %
Revenues					
Ivy Tipping Fees	\$ 236,000	\$ 405,902	\$ 334,800	\$ 98,800	41.86%
Ivy MSW Transfer Tipping	1,771,000	2,177,516	1,833,400	62,400	3.52%
Material & Other Sales-Ivy	110,000	88,664	110,000	-	0.00%
Ivy Convenience Center	20,000	12,346	20,000	-	0.00%
Recycling Revenues	136,300	148,144	136,300	-	0.00%
Other Revenues	93,000	101,784	93,000	-	0.00%
Interest & Fees	51,400	22,484	10,400	(41,000)	-79.77%
Total Revenues	\$ 2,417,700	\$ 2,956,840	\$ 2,537,900	\$ 120,200	4.97%
Expenses					
Ivy Operations	\$ 402,666	\$ 463,730	\$ 518,796	\$ 116,130	28.84%
MSW Transfer Ivy	2,262,393	2,668,147	2,414,696	152,304	6.73%
Ivy Convenience Center	300,682	269,687	314,473	13,790	
Recycling Operations	553,158	651,952	581,368	28,210	5.10%
Administration	797,358	748,708	834,506	37,148	4.66%
Total Expenses	\$ 4,316,258	\$ 4,802,224	\$ 4,663,839	\$ 347,581	8.05%
Admin. costs funded by Environmental Program	223,787	\$ 218,872	\$ 247,232	23,445	
Operating Net Income (Loss)	\$ (1,674,771)	\$ (1,626,512)	\$ (1,878,707)	\$ (203,936)	12.18%
Other Funding Sources & Adjustments					
Local Government Contributions-Operations	\$ 1,674,771	\$ 1,674,771	\$ 1,878,707	\$ 203,936	12.18%
County Contribution-Capital Grant	-	277,593	-	-	
Transfer to Capital Fund-Ivy Recycling Center	-	(277,593)	-	-	
Net Income (Loss)	\$ -	\$ 48,259	\$ -	\$ -	
ENVIRONMENTAL PROGRAMS (MOU)					
Revenues	\$ -	\$ -	\$ 50,000	\$ 50,000	
Expenses					
Ivy Environmental	\$ 835,210	\$ 825,082	\$ 773,264	\$ (61,946)	-7.42%
Administrative allocation to MOU (30%)	223,787	218,872	247,232	23,445	10.48%
Total Expenses	\$ 1,058,998	\$ 1,043,954	\$ 1,020,496	\$ (38,502)	-3.64%
Other Funding Sources					
City of Charlottesville	\$ 276,551	\$ 276,551	\$ 316,132	\$ 39,581	14.31%
County of Albemarle	502,465	502,465	574,381	71,916	14.31%
University of Virginia	79,982	79,982	79,982	-	0.00%
Use of Cash Reserves	200,000	200,000	-	(200,000)	
	\$ 1,058,998	\$ 1,058,998	\$ 970,496	\$ (88,502)	-8.36%
Net Environmental Results	\$ -	\$ 15,044	\$ -	\$ -	
Authoritywide - Summary					
Total Revenues	\$ 2,417,700	\$ 2,956,840	\$ 2,587,900	\$ 170,200	7.04%
Total Expenses	5,151,469	5,627,306	5,437,103	285,634	5.54%
Net Results	\$ (2,733,769)	\$ (2,670,465)	\$ (2,849,203)	\$ (115,434)	4.22%
Local Support					
Operations	\$ 1,674,771	\$ 1,674,771	\$ 1,878,707	\$ 203,936	12.18%
Reserves	200,000	200,000	-	(200,000)	
Environmental MOU	858,998	858,998	970,496	111,498	12.98%
	\$ 2,733,769	\$ 2,733,769	\$ 2,849,203	\$ 115,434	4.22%
Surplus / (Deficit) to reserves	\$ -	\$ 63,304	\$ -	\$ -	

Rivanna Solid Waste Authority
Fiscal Year 2021-2022
Draft Budget
Detailed Operating Revenue Estimates

Revenue Line Item	Tipping Fees		Tonnage		FY 2021		Revenue Estimates		FY 2021 vs. FY 2022 Variance \$	FY 2021 vs. FY 2022 Variance %
	FY	FY	Budgeted	Estimate	Actual \$	Projected	Adopted FY	Draft FY		
	2020-2021	2021-2022	2020-2021	2021-2022	6 Months 2020-2021	12 Months 2020-2021	2020-2021	2021-2022		
IVY TIPPING FEES										
Clean Fill Material	\$ 10.00	\$ 10.00	6,800	9,000	\$ 47,079	\$ 94,158	\$ 68,000	\$ 90,000	\$ 22,000	32%
Grindable Material	48.00	48.00	2,400	4,000	99,758	199,516	115,200	192,000	76,800	67%
Tires, Whole	190.00	190.00	120	120	28,031	56,062	22,800	22,800	-	0%
Tires/White Good (per item)					28,083	56,166	30,000	30,000	-	0%
Subtotal			9,320	13,120	\$ 202,951	\$ 405,902	\$ 236,000	\$ 334,800	\$ 98,800	42%
TRANSFER STATION - IVY TIPPING FEES										
Compost Charge for Services	\$ 178.00	\$ 178.00	500	500	\$ 16,631	\$ 33,262	\$ 89,000	\$ 89,000	\$ -	0%
IVY - MSW/Const. TS	52.00	52.00	32,000	33,200	1,072,127	2,144,254	1,682,000	1,744,400	62,400	4%
Subtotal			32,500	33,700	\$ 1,088,758	\$ 2,177,516	\$ 1,771,000	\$ 1,833,400	\$ 62,400	4%
MATERIAL SALES - IVY										
Encore					\$ 3,402	\$ 6,804	\$ 20,000	\$ 20,000	\$ -	0%
Metals					15,386	30,772	40,000	40,000	-	0%
Wood Mulch & Chips					16,644	33,288	30,000	30,000	-	0%
Hauling Fees					8,900	17,800	20,000	20,000	-	0%
Other Materials					-	-	-	-	-	-
Subtotal					\$ 44,332	\$ 88,664	\$ 110,000	\$ 110,000	\$ -	0%
IVY CONVENIENCE CENTER										
Material Sales					\$ 6,173	\$ 12,346	\$ 20,000	\$ 20,000	\$ -	-
Subtotal					\$ 6,173	\$ 12,346	\$ 20,000	\$ 20,000	\$ -	-
RECYCLING REVENUES										
Material Sales					\$ 50,893	\$ 101,786	\$ 105,300	\$ 105,300	\$ -	0%
Other Materials & Services					9,754	19,507	6,000	6,000	-	0%
Grants					26,851	26,851	25,000	25,000	-	0%
Hauling Fees					-	-	-	-	-	-
Subtotal					\$ 87,498	\$ 148,144	\$ 136,300	\$ 136,300	\$ -	0%
OTHER REVENUES										
Service Charge Fees					\$ 47,755	\$ 95,510	\$ 85,000	\$ 85,000	\$ -	0%
Other Revenues					5,774	6,274	8,000	8,000	-	0%
Subtotal					\$ 53,529	\$ 101,784	\$ 93,000	\$ 93,000	\$ -	0%
INTEREST, LATE FEES, OTHER										
Trust Fund Interest					\$ 238	\$ 476	\$ 2,200	\$ 2,200	\$ -	0%
Finance Charges					7,720	15,440	1,200	1,200	-	0%
Capital Fund Interest					1,130	2,260	18,000	2,000	(16,000)	-89%
Daily Investment Interest					2,154	4,308	30,000	5,000	(25,000)	-83%
Subtotal					\$ 11,242	\$ 22,484	\$ 51,400	\$ 10,400	\$ (41,000)	-80%
Total Revenues					\$1,494,483	\$ 2,956,840	\$ 2,417,700	\$ 2,537,900	\$ 120,200	5%
REMEDATION SUPPORT										
UVA Contribution					\$ 79,982	\$ 79,982	\$ 79,982	\$ 79,982	\$ -	0%
Forestry Revenues					-	-	-	50,000	50,000	14%
County Contribution					125,616	502,464	502,465	574,381	71,916	14%
City Contribution					138,276	276,552	276,551	316,132	39,581	14%
Total Remediation Local Support					\$ 343,874	\$ 858,998	\$ 858,998	\$ 1,020,496	\$ 161,498	19%

Expense Details by Department

Rivanna Solid Waste Authority

Fiscal Year 2021-2022

Rivanna Solid Waste Authority
Fiscal Year 2021-2022 Draft Budget
Expense Detail by Department
IVY OPERATIONS

Object Code	Line Item	Adopted Budget FY 2020-2021	Current Year Activity		Draft Budget FY 2021-2022	FY 2021 vs. FY 2022 Variance \$	FY 2021 vs. FY 2022 Variance %
			Six Months Actual 12/31/2020	Projected Yearend 6/30/21			
10000	Salaries and Benefits						
11000	Salaries	\$ 133,575	\$ 68,287	\$ 136,574	\$ 137,100	\$ 3,525	2.6%
11010	Holiday & Overtime Pay	12,000	10,795	21,589	12,000	-	0%
12010	FICA	11,136	5,866	11,731	11,406	270	2%
12020	Health Insurance	31,950	17,394	34,788	38,200	6,250	20%
12026	Employee Assistance Program	30	22	45	30	-	0%
12030	Retirement	12,810	6,105	12,210	13,148	338	3%
12040	Life Insurance	1,790	820	1,641	1,837	47	3%
12050	Fitness Program	200	118	235	200	-	0%
12060	Worker's Comp Insurance	8,300	5,907	7,690	10,000	1,700	20%
	Subtotal	\$ 211,791	\$ 115,314	\$ 226,505	\$ 223,921	\$ 12,130	6%
13000	Other Personnel Costs						
13100	Employee Dues & Licenses	\$ 100	\$ 20	\$ 40	\$ 100	\$ -	0%
13150	Education & Training	700	36	72	700	-	0%
13200	Travel & Lodging	200	-	-	200	-	0%
13250	Uniforms	2,600	926	1,852	2,600	-	0%
13325	Recruiting and Medical Testing	200	183	366	200	-	0%
13350	Other	500	206	411	500	-	0%
	Subtotal	\$ 4,300	\$ 1,370	\$ 2,740	\$ 4,300	\$ -	0%
	Professional Services						
20100	Legal Fees	\$ -	\$ -	\$ -	\$ -	\$ -	
20200	Financial & Admin. Services	-	-	-	-	-	
20300	Engineering Consultants	-	-	-	-	-	
	Subtotal	\$ -	\$ -	\$ -	\$ -	\$ -	
	Other Services and Charges						
21100	General Liability/Property Insurance	\$ 3,000	\$ 1,466	\$ 1,955	\$ 3,000	\$ -	0%
21150	Advertising / Communication / Outreach	-	340	679	-	-	
21250	Administrative Services RWSA	-	-	-	-	-	
21252	EMS Programs/Supplies	-	-	-	-	-	
21253	Safety Programs/Supplies	-	618	1,235	-	-	
21300	Authority Dues/Permits/Fees	1,200	-	-	1,200	-	0%
21350	Laboratory Analysis	-	-	-	-	-	
21400	Utilities	3,500	1,089	2,178	3,500	-	0%
21420	General Other Services	1,000	12,536	25,071	20,000	19,000	1900%
21430	Governance & Strategic Support	-	160	320	-	-	
21450	Bad Debt Write-Offs	-	-	-	-	-	
	Subtotal	\$ 8,700	\$ 16,208	\$ 31,439	\$ 27,700	\$ 19,000	218%
22000	Communication						
22100	Radio	\$ -	\$ 132	\$ 263	\$ -	\$ -	
22150	Telephone & Data Service	1,400	865	1,731	1,400	-	0%
22200	Cell Phones & Pagers	400	251	503	400	-	0%
	Subtotal	\$ 1,800	\$ 1,248	\$ 2,496	\$ 1,800	\$ -	0%
31000	Information Technology						
31100	Computer Hardware	\$ 1,000	\$ 92	\$ 184	\$ 1,000	\$ -	0%
31200	Maintenance & Support Services	275	278	556	5,275	5,000	1818%
31250	Software Purchases	-	-	-	-	-	
	Subtotal	\$ 1,275	\$ 370	\$ 740	\$ 6,275	\$ 5,000	392%
32000	Vehicles and Equipment Maint.						
32100	Vehicle Maintenance & Repair	\$ 10,000	\$ 8,141	\$ 16,282	\$ 10,000	\$ -	0%
32150	Equipment Maint. & Repair	25,000	5,361	10,722	25,000	-	0%

Rivanna Solid Waste Authority
Fiscal Year 2021-2022 Draft Budget
Expense Detail by Department
IVY OPERATIONS

Object Code	Line Item	Adopted Budget FY 2020-2021	Current Year Activity		Draft Budget FY 2021-2022	FY 2021 vs. FY 2022 Variance \$	FY 2021 vs. FY 2022 Variance %
			Six Months Actual 12/31/2020	Projected Yearend 6/30/21			
32200	Fuel	8,800	3,385	6,770	8,800	-	0%
32300	Trailer Maint. & Repairs	-	-	-	-	-	-
	Subtotal	\$ 43,800	\$ 16,887	\$ 33,774	\$ 43,800	\$ -	0%
33000	Supplies						
33100	Office Supplies	\$ 1,000	\$ 794	\$ 1,588	\$ 1,000	\$ -	0%
33150	Subscriptions/Reference Material	-	-	-	-	-	-
33350	Postage	-	-	-	-	-	-
	Subtotal	\$ 1,000	\$ 794	\$ 1,588	\$ 1,000	\$ -	0%
41000	Operation & Maintenance						
41100	Facility Maintenance/Repairs/Replacements	\$ 8,000	\$ 1,004	\$ 2,008	\$ 8,000	\$ -	0%
41160	Forestrty Services	-	-	-	-	-	-
41400	Materials, Supplies & Tools	1,000	2,209	4,418	1,000	-	0%
41450	HHW Disposal	-	-	-	-	-	-
41500	Contracted Labor	-	-	-	-	-	-
41550	Material Purchases	-	-	-	-	-	-
41650	Wood Grinding	80,000	52,556	105,112	100,000	20,000	25%
41700	Building Rental	-	-	-	-	-	-
41750	Leach Treatment	-	-	-	-	-	-
41760	Tire Disposal	16,000	13,955	27,910	16,000	-	0%
	Subtotal	\$ 105,000	\$ 69,724	\$ 139,448	\$ 125,000	\$ 20,000	19%
43000	Disposal Contracts						
43100	MSW - Ivy Transfer	\$ -	\$ -	\$ -	\$ -	\$ -	-
	Subtotal	\$ -	\$ -	\$ -	\$ -	\$ -	-
51000	Ivy Remediation						
41350	Ground Water Systems Maintenance	\$ -	\$ -	\$ -	\$ -	\$ -	-
41360	Gas Systems Maintenance	-	-	-	-	-	-
51101	Settlement Agreement (Air & Groundwater)	-	-	-	-	-	-
51110	Compliance Ground Water Well Monitoring	-	-	-	-	-	-
51200	Surface Water Monitoring	-	-	-	-	-	-
51225	Cap Replacement and Repair	-	-	-	-	-	-
51224	O&M Cell 3 and P.Plant place holder	-	-	-	-	-	-
51300	Paint Pit Remed. - Gas & Vapor Extraction	-	-	-	-	-	-
51649	Full Scale EBR - Monitoring	-	-	-	-	-	-
51651	Full Scale EBR - Injection & Reporting	-	-	-	-	-	-
51660	Greenhouse Gas Monitoring & Reporting	-	-	-	-	-	-
51670	Cobalt MNA Monitoring	-	-	-	-	-	-
41900	Closure Costs	-	-	-	-	-	-
51800	Contingency	-	-	-	-	-	-
	Subtotal	\$ -	\$ -	\$ -	\$ -	\$ -	-
81000	Equipment						
81200	Rental & Leases	\$ -	\$ -	\$ -	\$ -	\$ -	-
	Depreciation	25,000	12,500	25,000	85,000	60,000	240%
	Subtotal	\$ 25,000	\$ 12,500	\$ 25,000	\$ 85,000	\$ 60,000	240%
Total		\$ 402,666	\$ 234,416	\$ 463,730	\$ 518,796	\$ 116,130	29%

Rivanna Solid Waste Authority
Fiscal Year 2021-2022 Draft Budget
Expense Detail by Department
IVY ENVIRONMENTAL

Object Code	Line Item	Adopted Budget FY 2020-2021	Current Year Activity		Draft Budget FY 2021-2022	FY 2021 vs. FY 2022 Variance \$	FY 2021 vs. FY 2022 Variance %
			Six Months Actual 12/31/2020	Projected Yearend 6/30/21			
10000	Salaries and Benefits						
11000	Salaries	\$ 89,300	\$ 42,679	\$ 85,358	\$ 122,150	\$ 32,850	36.8%
11010	Holiday & Overtime Pay	9,000	6,747	13,494	9,000	-	0%
12010	FICA	7,520	3,666	7,332	10,033	2,513	33%
12020	Health Insurance	19,000	10,871	21,743	33,600	14,600	77%
12026	Employee Assistance Program	30	14	28	30	-	0%
12030	Retirement	8,564	3,816	7,631	11,714	3,150	37%
12040	Life Insurance	1,197	513	1,026	1,637	440	37%
12050	Fitness Program	200	74	147	200	-	0%
12060	Worker's Comp Insurance	5,500	4,086	5,268	10,000	4,500	82%
	Subtotal	\$ 140,310	\$ 72,465	\$ 142,027	\$ 198,364	\$ 58,054	41%
13000	Other Personnel Costs						
13100	Employee Dues & Licenses	\$ 100	\$ 12	\$ 25	\$ 100	\$ -	0%
13150	Education & Training	800	23	45	800	-	0%
13200	Travel & Lodging	200	-	-	200	-	0%
13250	Uniforms	2,700	579	1,157	2,700	-	0%
13325	Recruiting and Medical Testing	500	77	154	500	-	0%
13350	Other	500	129	257	500	-	0%
	Subtotal	\$ 4,800	\$ 819	\$ 1,638	\$ 4,800	\$ -	0%
	Professional Services						
20100	Legal Fees	\$ -	\$ -	\$ -	\$ -	\$ -	-
20200	Financial & Admin. Services	-	-	-	-	-	-
20300	Engineering Consultants	-	-	-	-	-	-
	Subtotal	\$ -	\$ -	\$ -	\$ -	\$ -	-
	Other Services and Charges						
21100	General Liability/Property Insurance	\$ 800	\$ 355	\$ 474	\$ 800	\$ -	0%
21150	Advertising / Communication / Outreach	2,500	-	-	1,000	(1,500)	-60%
21250	Administrative Services RWSA	-	-	-	-	-	-
21252	EMS Programs/Supplies	-	-	-	-	-	-
21253	Safety Programs/Supplies	-	2,127	4,255	-	-	-
21300	Authority Dues/Permits/Fees	3,400	1,272	2,544	3,400	-	0%
21350	Laboratory Analysis	1,000	-	-	1,000	-	-
21400	Utilities	6,500	1,293	2,586	6,500	-	0%
21420	General Other Services	24,000	14,889	29,778	24,000	-	0%
21430	Governance & Strategic Support	-	-	-	-	-	-
21450	Bad Debt Write-Offs	-	-	-	-	-	-
	Subtotal	\$ 38,200	\$ 19,937	\$ 39,637	\$ 36,700	\$ (1,500)	-4%
22000	Communication						
22100	Radio	\$ -	\$ 82	\$ 164	\$ -	\$ -	-
22150	Telephone & Data Service	500	46	91	500	-	0%
22200	Cell Phones & Pagers	500	41	82	500	-	0%
	Subtotal	\$ 1,000	\$ 169	\$ 338	\$ 1,000	\$ -	0%
31000	Information Technology						
31100	Computer Hardware	\$ -	\$ -	\$ -	\$ -	\$ -	-
31200	Maintenance & Support Services	1,000	-	-	1,000	-	0%
31250	Software Purchases	-	-	-	-	-	-
	Subtotal	\$ 1,000	\$ -	\$ -	\$ 1,000	\$ -	-
32000	Vehicles and Equipment Maint.						
32100	Vehicle Maintenance & Repair	\$ 2,000	\$ 2,778	\$ 5,556	\$ 2,000	\$ -	0%
32150	Equipment Maint. & Repair	5,000	500	999	5,000	-	0%
32200	Fuel	8,900	2,116	4,231	8,900	-	0%
32300	Trailer Maint. & Repairs	4,000	235	470	4,000	-	0%
	Subtotal	\$ 19,900	\$ 5,628	\$ 11,256	\$ 19,900	\$ -	-
33000	Supplies						
33100	Office Supplies	\$ -	\$ 50	\$ 100	\$ -	\$ -	-
33150	Subscriptions/Reference Material	-	-	-	-	-	-
33350	Postage	-	-	-	-	-	-
	Subtotal	\$ -	\$ 50	\$ 100	\$ -	\$ -	-
41000	Operation & Maintenance						
41100	Facility Maintenance/Repairs/Replacements	\$ 15,000	194	387	\$ 15,000	\$ -	0%

Rivanna Solid Waste Authority
Fiscal Year 2021-2022 Draft Budget
Expense Detail by Department
IVY ENVIRONMENTAL

Object Code	Line Item	Adopted Budget FY 2020-2021	Current Year Activity		Draft Budget FY 2021-2022	FY 2021 vs. FY 2022 Variance \$	FY 2021 vs. FY 2022 Variance %
			Six Months Actual 12/31/2020	Projected Yearend 6/30/21			
41160	Forestrty Services	\$ -	1,176	2,352	-	-	-
41400	Materials, Supplies & Tools	1,500	905	1,810	1,500	-	0%
41450	HHW Disposal	155,000	95,092	190,185	155,000	-	0%
41500	Contracted Labor	-	-	-	-	-	-
41550	Material Purchases	-	-	-	-	-	-
41650	Wood Grinding	-	-	-	-	-	-
41700	Building Rental	-	-	-	-	-	-
41750	Leach Treatment	5,000	1,046	2,092	5,000	-	0%
41760	Tire Disposal	-	-	-	-	-	-
Subtotal		\$ 176,500	\$ 98,413	\$ 196,826	\$ 176,500	\$ -	0%
43000	Disposal Contracts						
43100	MSW - Ivy Transfer	\$ -	\$ -	\$ -	\$ -	\$ -	-
Subtotal		\$ -	\$ -	\$ -	\$ -	\$ -	-
51000	Ivy Remediation						
41350	Ground Water Systems Maintenance	\$ 6,500	\$ 8,334	\$ 10,000	\$ 6,500	\$ -	0%
41360	Gas Systems Maintenance	30,000	21,751	30,000	40,000	10,000	33%
51101	Settlement Agreement (Air & Groundwater)	7,000	3,499	7,000	8,500	1,500	21%
51110	Compliance Ground Water Well Monitoring	75,000	71,915	75,000	75,000	-	0%
51200	Surface Water & Water Supply Monitoring	15,000	5,053	10,000	18,000	3,000	20%
51225	Cap Replacement and Repair	200,000	23,208	200,000	-	(200,000)	-100%
51224	O&M Cell 3 and P.Plant place holder	-	-	-	-	-	-
51300	Paint Pit Remed. - Gas & Vapor Extraction	-	-	-	-	-	-
51649	Full Scale EBR - Monitoring	35,000	20,379	35,000	45,000	10,000	29%
51651	Full Scale EBR - Injection & Reporting	-	-	-	-	-	-
51660	Greenhouse Gas Monitoring & Reporting	5,000	-	5,000	12,000	7,000	140%
51670	Cobalt MNA Monitoring	5,000	3,000	5,000	10,000	5,000	100%
41900	Closure Costs	-	-	-	-	-	-
51800	Contingency	20,000	-	-	15,000	(5,000)	-25%
Subtotal		\$ 398,500	\$ 157,139	\$ 377,000	\$ 230,000	\$ (168,500)	-42%
81000	Equipment						
81200	Rental & Leases	\$ -	\$ 630	\$ 1,260	\$ -	\$ -	-
	Depreciation	55,000	27,500	55,000	105,000	50,000	91%
Subtotal		\$ 55,000	\$ 28,130	\$ 56,260	\$ 105,000	\$ 50,000	91%
Total		\$ 835,210	\$ 382,750	\$ 825,082	\$ 773,264	\$ (61,946)	-7%
Current year budget and yearend estimates					Draft		
MOU PAYMENT BASIS:							
Base Expenses		\$ 835,210	\$ 382,750	\$ 825,082	\$ 773,264		
Adminstrative allocation		223,787	109,436	218,872	247,232		
		\$ 1,058,997	\$ 492,186	\$ 1,043,954	\$ 1,020,496		
Use of Reserves		\$ 200,000	\$ 148,312	\$ 200,000	\$ -		
UVA FIXED PER AGREEMENT		79,982	79,982	79,982	79,982		
Forestry Revenues		-	-	-	50,000		
COUNTY 64.5%		502,465	125,616	502,465	574,381		
CITY 35.5%		276,551	138,276	276,551	316,132		
		\$ 1,058,998	\$ 492,186	\$ 1,058,998	\$ 1,020,496		
Deficit / Use of Reserves		\$ -		\$ 15,044			

Rivanna Solid Waste Authority
Fiscal Year 2021-2022 Draft Budget
Expense Detail by Department
MSW TRANSFER OPERATIONS - IVY

Object Code	Line Item	Adopted Budget FY 2020-2021	Current Year Activity		Draft Budget FY 2021-2022	FY 2021 vs. FY 2022 Variance \$	FY 2021 vs. FY 2022 Variance %
			Six Months Actual 12/31/2020	Projected Yearend 6/30/21			
10000	Salaries and Benefits						
11000	Salaries	\$ 330,075	\$ 166,450	\$ 332,900	\$ 350,250	\$ 20,175	6.11%
11010	Holiday & Overtime Pay	30,000	26,312	52,624	30,000	-	0%
12010	FICA	27,546	14,297	28,594	29,089	1,543	6%
12020	Health Insurance	90,900	42,398	84,797	104,100	13,200	15%
12026	Employee Assistance Program	75	55	109	75	-	0%
12030	Retirement	31,654	14,881	29,762	33,589	1,935	6%
12040	Life Insurance	4,423	2,000	4,000	4,693	270	6%
12050	Fitness Program	450	287	574	450	-	0%
12060	Worker's Comp Insurance	20,400	14,815	29,631	27,000	6,600	32%
	Subtotal	\$ 535,523	\$ 281,495	\$ 562,991	\$ 579,246	\$ 43,724	8%
13000	Other Personnel Costs						
13100	Employee Dues & Licenses	\$ 120	\$ 48	\$ 97	\$ 120	\$ -	0%
13150	Education & Training	1,000	88	176	1,000	-	0%
13200	Travel & Lodging	200	-	-	200	-	0%
13250	Uniforms	7,000	2,257	4,513	5,000	(2,000)	-29%
13325	Recruiting and Medical Testing	500	480	959	500	-	0%
13350	Other	500	501	1,002	500	-	0%
	Subtotal	\$ 9,320	\$ 3,373	\$ 6,747	\$ 7,320	\$ (2,000)	-21%
	Professional Services						
20100	Legal Fees	\$ -	\$ -	\$ -	\$ -	\$ -	
20200	Financial & Admin. Services	-	-	-	-	-	
20300	Engineering Consultants	-	-	-	-	-	
	Subtotal	\$ -	\$ -	\$ -	\$ -	\$ -	
	Other Services and Charges						
21100	General Liability/Property Insurance	\$ 8,000	\$ 3,555	\$ 7,938	\$ 8,000	\$ -	0%
21150	Advertising / Communication / Outreach	2,000	1,080	2,159	2,000	-	0%
21250	Administrative Services RWSA	-	-	-	-	-	
21252	EMS Programs/Supplies	-	-	-	-	-	
21253	Safety Programs/Supplies	15,000	4,434	8,868	15,000	-	
21300	Authority Dues/Permits/Fees	9,000	6,447	12,894	9,000	-	0%
21350	Laboratory Analysis	-	-	-	-	-	
21400	Utilities	11,000	3,267	6,534	11,000	-	0%
21420	General Other Services	66,650	14,076	28,152	66,650	-	0%
21430	Governance & Strategic Support	-	-	-	-	-	
21450	Bad Debt Write-Offs	-	-	-	-	-	
	Subtotal	\$ 111,650	\$ 32,858	\$ 66,545	\$ 111,650	\$ -	0%
22000	Communication						
22100	Radio	\$ -	\$ 321	\$ 641	\$ -	\$ -	
22150	Telephone & Data Service	1,000	178	355	1,000	-	0%
22200	Cell Phones & Pagers	1,000	717	1,434	1,000	-	0%
	Subtotal	\$ 2,000	\$ 1,215	\$ 2,430	\$ 2,000	\$ -	0%
31000	Information Technology						
31100	Computer Hardware	\$ 500	\$ -	\$ -	\$ 500	\$ -	0%
31200	Maintenance & Support Services	2,000	835	1,670	12,000	10,000	500%
31250	Software Purchases	-	-	-	-	-	
	Subtotal	\$ 2,500	\$ 835	\$ 1,670	\$ 12,500	\$ 10,000	400%
32000	Vehicles and Equipment Maint.						
32100	Vehicle Maintenance & Repair	\$ 10,000	\$ 18,589	\$ 37,178	\$ 10,000	\$ -	0%
32150	Equipment Maint. & Repair	15,000	15,447	30,894	15,000	-	0%
32200	Fuel	5,900	8,251	16,502	5,900	-	0%
32300	Trailer Maint & Repairs	-	-	-	-	-	

**Rivanna Solid Waste Authority
Fiscal Year 2021-2022 Draft Budget
Expense Detail by Department
MSW TRANSFER OPERATIONS - IVY**

Object Code	Line Item	Adopted Budget FY 2020-2021	Current Year Activity		Draft Budget FY 2021-2022	FY 2021 vs. FY 2022 Variance \$	FY 2021 vs. FY 2022 Variance %
			Six Months Actual 12/31/2020	Projected Yearend 6/30/21			
	<i>Subtotal</i>	\$ 30,900	\$ 42,287	\$ 84,574	\$ 30,900	\$ -	0%
33000	Supplies						
33100	Office Supplies	\$ 3,000	\$ 2,337	\$ 4,674	\$ 3,000	\$ -	0%
33150	Subscriptions/Reference Material	-	-	-	-	-	-
33350	Postage	-	-	-	-	-	-
	<i>Subtotal</i>	\$ 3,000	\$ 2,337	\$ 4,674	\$ 3,000	\$ -	0%
41000	Operation & Maintenance						
41100	Facility Maintenance/Repairs/Replacements	\$ 25,000	\$ 14,985	\$ 29,970	\$ 25,000	\$ -	0%
41160	Forestry Services						
41400	Materials, Supplies & Tools	10,000	11,314	22,628	10,000	-	0%
41450	HHW Disposal	-	-	-	-	-	-
41500	Contracted Labor	-	-	-	-	-	-
41550	Material Purchases	-	-	-	-	-	-
41650	Wood Grinding	-	-	-	-	-	-
41700	Building Rental	-	-	-	-	-	-
41750	Leach Treatment	-	-	-	-	-	-
41760	Tire Disposal	-	-	-	-	-	-
	<i>Subtotal</i>	\$ 35,000	\$ 26,299	\$ 52,598	\$ 35,000	\$ -	0%
43000	Disposal Contracts						
43100	MSW - Ivy Transfer	\$ 1,454,000	\$ 907,959	\$ 1,815,918	\$ 1,544,580	\$ 90,580	6%
	<i>Subtotal</i>	\$ 1,454,000	\$ 907,959	\$ 1,815,918	\$ 1,544,580	\$ 90,580	6%
51000	Ivy Remediation						
41350	Ground Water Systems Maintenance	\$ -	\$ -	\$ -	\$ -	\$ -	-
41360	Gas Systems Maintenance	-	-	-	-	-	-
51101	Settlement Agreement (Air & Groundwater)	-	-	-	-	-	-
51110	Compliance Ground Water Well Monitoring	-	-	-	-	-	-
51200	Surface Water Monitoring	-	-	-	-	-	-
51225	Cap Replacement and Repair	-	-	-	-	-	-
51224	O&M Cell 3 and P.Plant place holder	-	-	-	-	-	-
51300	Paint Pit Remed. - Gas & Vapor Extraction	-	-	-	-	-	-
51649	Full Scale EBR - Monitoring	-	-	-	-	-	-
51651	Full Scale EBR - Injection & Reporting	-	-	-	-	-	-
51660	Greenhouse Gas Monitoring & Reporting	-	-	-	-	-	-
51670	Cobalt MNA Monitoring	-	-	-	-	-	-
41900	Closure Costs	3,500	-	-	3,500	-	0%
51800	Contingency	-	-	-	-	-	-
	<i>Subtotal</i>	\$ 3,500	\$ -	\$ -	\$ 3,500	\$ -	-
81000	Equipment						
81200	Rental & Leases	\$ 5,000	\$ -	\$ -	\$ 5,000	\$ -	-
	Depreciation	70,000	35,000	70,000	80,000	10,000	14%
	<i>Subtotal</i>	\$ 75,000	\$ 35,000	\$ 70,000	\$ 85,000	\$ 10,000	13%
Total		\$ 2,262,393	\$ 1,333,659	\$ 2,668,147	\$ 2,414,696	\$ 152,304	7%

**Rivanna Solid Waste Authority
Fiscal Year 2021-2022 Draft Budget
Expense Detail by Department
CONVENIENCE CENTER - IVY**

Object Code	Line Item	Adopted Budget FY 2020-2021	Current Year Activity		Draft Budget FY 2021-2022	FY 2021 vs. FY 2022 Variance \$	FY 2021 vs. FY 2022 Variance %
			Six Months Actual 12/31/2020	Projected Yearend 6/30/21			
10000	Salaries and Benefits						
11000	Salaries	\$ 118,500	\$ 59,751	\$ 119,502	\$ 125,000	\$ 6,500	
11010	Holiday & Overtime Pay	10,000	9,445	18,891	15,000	5,000	
12010	FICA	9,830	5,132	10,265	10,710	880	
12020	Health Insurance	33,200	15,220	30,440	36,900	3,700	
12026	Employee Assistance Program	50	20	39	50	-	
12030	Retirement	11,364	5,342	10,684	11,988	623	
12040	Life Insurance	1,588	718	1,436	1,675	87	
12050	Fitness Program	-	103	206	-	-	
12060	Worker's Comp Insurance	7,400	4,770	6,360	7,400	-	
	Subtotal	\$ 191,932	\$ 100,501	\$ 197,822	\$ 208,723	\$ 16,790	
13000	Other Personnel Costs						
13100	Employee Dues & Licenses	\$ -	\$ 17	\$ 35	\$ -	\$ -	
13150	Education & Training	500	32	63	500	-	
13200	Travel & Lodging	100	-	-	100	-	
13250	Uniforms	4,000	810	1,620	2,000	(2,000)	
13325	Recruiting and Medical Testing	150	108	215	150	-	
13350	Other	200	180	360	200	-	
	Subtotal	\$ 4,950	\$ 1,146	\$ 2,293	\$ 2,950	\$ (2,000)	
	Professional Services						
20100	Legal Fees	\$ -	\$ -	\$ -	\$ -	\$ -	
20200	Financial & Admin. Services	-	-	-	-	-	
20300	Engineering Consultants	-	-	-	-	-	
	Subtotal	\$ -	\$ -	\$ -	\$ -	\$ -	
	Other Services and Charges						
21100	General Liability/Property Insurance	\$ 2,000	\$ 889	\$ 1,185	\$ 2,000	\$ -	
21150	Advertising / Communication / Outreach	800	452	905	800	-	
21250	Administrative Services RWSA	-	-	-	-	-	
21252	EMS Programs/Supplies	-	-	-	-	-	
21253	Safety Programs/Supplies	1,000	541	1,081	1,000	-	
21300	Authority Dues/Permits/Fees	-	-	-	-	-	
21350	Laboratory Analysis	-	-	-	-	-	
21400	Utilities	5,000	291	582	5,000	-	
21420	General Other Services	11,000	-	-	-	(11,000)	
21430	Governance & Strategic Support	-	-	-	-	-	
21450	Bad Debt Write-Offs	-	-	-	-	-	
	Subtotal	\$ 19,800	\$ 2,173	\$ 3,753	\$ 8,800	\$ (11,000)	
22000	Communication						
22100	Radio	\$ -	\$ 115	\$ 230	\$ -	\$ -	
22150	Telephone & Data Service	-	64	128	-	-	
22200	Cell Phones & Pagers	-	58	116	-	-	
	Subtotal	\$ -	\$ 237	\$ 474	\$ -	\$ -	
31000	Information Technology						
31100	Computer Hardware	\$ -	\$ -	\$ -	\$ -	\$ -	
31200	Maintenance & Support Services	-	-	-	-	-	
31250	Software Purchases	-	-	-	-	-	
	Subtotal	\$ -	\$ -	\$ -	\$ -	\$ -	
32000	Vehicles and Equipment Maint.						
32100	Vehicle Maintenance & Repair	\$ 10,000	\$ 6,034	\$ 12,068	\$ 10,000	\$ -	
32150	Equipment Maint. & Repair	15,000	3,939	7,878	15,000	-	
32200	Fuel	30,000	2,962	5,924	30,000	-	
32300	Trailer Maint & Repairs	5,000	319	638	5,000	-	
	Subtotal	\$ 60,000	\$ 13,254	\$ 26,508	\$ 60,000	\$ -	

**Rivanna Solid Waste Authority
Fiscal Year 2021-2022 Draft Budget
Expense Detail by Department
CONVENIENCE CENTER - IVY**

Object Code	Line Item	Adopted Budget FY 2020-2021	Current Year Activity		Draft Budget FY 2021-2022	FY 2021 vs. FY 2022 Variance \$	FY 2021 vs. FY 2022 Variance %
			Six Months Actual 12/31/2020	Projected Yearend 6/30/21			
33000	Supplies						
33100	Office Supplies	\$ -	\$ 69	\$ 138	\$ -	\$ -	
33150	Subscriptions/Reference Material	-	-	-	-	-	
33350	Postage	-	-	-	-	-	
	Subtotal	\$ -	\$ 69	\$ 138	\$ -	\$ -	
41000	Operation & Maintenance						
41100	Facility Maintenance/Repairs/Replacements	\$ 2,000	\$ 7,215	\$ 14,430	\$ 2,000	\$ -	
41160	Forestry Services	-	-	-	-	-	
41400	Materials, Supplies & Tools	2,000	-	-	2,000	-	
41450	HHW Disposal	-	1,385	2,769	-	-	
41500	Contracted Labor	-	-	-	-	-	
41550	Material Purchases	-	750	1,500	-	-	
41650	Wood Grinding	-	-	-	-	-	
41700	Building Rental	-	-	-	-	-	
41750	Leach Treatment	-	-	-	-	-	
41760	Tire Disposal	-	-	-	-	-	
	Subtotal	\$ 4,000	\$ 9,350	\$ 18,699	\$ 4,000	\$ -	
43000	Disposal Contracts						
43100	MSW - Ivy Transfer	\$ -	\$ -	\$ -	\$ -	\$ -	
	Subtotal	\$ -	\$ -	\$ -	\$ -	\$ -	
51000	Ivy Remediation						
41350	Ground Water Systems Maintenance	\$ -	\$ -	\$ -	\$ -	\$ -	
41360	Gas Systems Maintenance	-	-	-	-	-	
51101	Settlement Agreement (Air & Groundwater)	-	-	-	-	-	
51110	Compliance Ground Water Well Monitoring	-	-	-	-	-	
51200	Surface Water Monitoring	-	-	-	-	-	
51225	Cap Replacement and Repair	-	-	-	-	-	
51224	O&M Cell 3 and P.Plant place holder	-	-	-	-	-	
51300	Paint Pit Remed. - Gas & Vapor Extraction	-	-	-	-	-	
51649	Full Scale EBR - Monitoring	-	-	-	-	-	
51651	Full Scale EBR - Injection & Reporting	-	-	-	-	-	
51660	Greenhouse Gas Monitoring & Reporting	-	-	-	-	-	
51670	Cobalt MNA Monitoring	-	-	-	-	-	
41900	Closure Costs	-	-	-	-	-	
51800	Contingency	-	-	-	-	-	
	Subtotal	\$ -	\$ -	\$ -	\$ -	\$ -	
81000	Equipment						
81200	Rental & Leases	\$ -	\$ -	\$ -	\$ -	\$ -	
	Depreciation	20,000	10,000	20,000	30,000	10,000	
	Subtotal	\$ 20,000	\$ 10,000	\$ 20,000	\$ 30,000	\$ 10,000	
	Total	\$ 300,682	\$ 136,730	\$ 269,687	\$ 314,473	\$ 13,790	

Rivanna Solid Waste Authority
Fiscal Year 2021-2022 Draft Budget
Expense Detail by Department
RECYCLING

Object Code	Line Item	Adopted Budget FY 2020-2021	Current Year Activity		Draft Budget FY 2021-2022	FY 2021 vs. FY 2022 Variance \$	FY 2021 vs. FY 2022 Variance %
			Six Months Actual 12/31/2020	Projected Yearend 6/30/21			
10000	Salaries and Benefits						
11000	Salaries	\$ 177,830	\$ 89,627	\$ 179,254	\$ 188,000	\$ 10,170	5.72%
11010	Holiday & Overtime Pay	15,000	14,168	28,336	15,000	-	0%
12010	FICA	14,751	7,698	15,397	15,530	778	5%
12020	Health Insurance	52,250	22,830	45,660	57,300	5,050	10%
12026	Employee Assistance Program	40	29	59	40	-	0%
12030	Retirement	17,054	8,013	16,026	18,029	975	6%
12040	Life Insurance	2,383	1,077	2,154	2,519	136	6%
12050	Fitness Program	250	154	309	250	-	0%
12060	Worker's Comp Insurance	10,900	7,856	10,198	12,000	1,100	10%
	Subtotal	\$ 290,458	\$ 151,453	\$ 297,392	\$ 308,668	\$ 18,210	6%
13000	Other Personnel Costs						
13100	Employee Dues & Licenses	\$ 100	\$ 26	\$ 52	\$ 100	\$ -	0%
13150	Education & Training	1,000	47	95	1,000	-	0%
13200	Travel & Lodging	100	-	-	100	-	0%
13250	Uniforms	4,000	1,215	2,430	4,000	-	0%
13325	Recruiting and Medical Testing	-	161	323	-	-	#DIV/0!
13350	Other	200	270	540	200	-	0%
	Subtotal	\$ 5,400	\$ 1,720	\$ 3,439	\$ 5,400	\$ -	0%
	Professional Services						
20100	Legal Fees	\$ -	\$ -	\$ -	\$ -	\$ -	
20200	Financial & Admin. Services	-	-	-	-	-	
20300	Engineering Consultants	-	8,936	17,872	-	-	
	Subtotal	\$ -	\$ 8,936	\$ 17,872	\$ -	\$ -	
	Other Services and Charges						
21100	General Liability/Property Insurance	\$ 3,900	\$ 1,733	\$ 2,311	\$ 3,900	\$ -	0%
21150	Advertising / Communication / Outreach	5,000	17,435	34,871	15,000	10,000	200%
21250	Administrative Services RWSA	-	-	-	-	-	
21252	EMS Programs/Supplies	-	-	-	-	-	
21253	Safety Programs/Supplies	-	1,608	3,216	-	-	
21300	Authority Dues/Permits/Fees	-	-	-	-	-	
21350	Laboratory Analysis	-	-	-	-	-	
21400	Utilities	12,200	10,127	20,254	12,200	-	0%
21420	General Other Services	11,000	12,618	25,236	11,000	-	0%
21430	Governance & Strategic Support	-	-	-	-	-	
21450	Bad Debt Write-Offs	-	-	-	-	-	
	Subtotal	\$ 32,100	\$ 43,522	\$ 85,888	\$ 42,100	\$ 10,000	31%
22000	Communication						
22100	Radio	\$ -	\$ 173	\$ 346	\$ -	\$ -	
22150	Telephone & Data Service	2,000	963	1,926	2,000	-	0%
22200	Cell Phones & Pagers	150	815	1,630	150	-	0%
	Subtotal	\$ 2,150	\$ 1,951	\$ 3,902	\$ 2,150	\$ -	0%
31000	Information Technology						
31100	Computer Hardware	\$ -	\$ -	\$ -	\$ -	\$ -	
31200	Maintenance & Support Services	-	-	-	-	-	
31250	Software Purchases	-	-	-	-	-	
	Subtotal	\$ -	\$ -	\$ -	\$ -	\$ -	
32000	Vehicles and Equipment Maint.						
32100	Vehicle Maintenance & Repair	\$ 25,000	\$ 15,799	\$ 31,598	\$ 25,000	\$ -	0%
32150	Equipment Maint. & Repair	15,000	15,547	31,094	15,000	-	0%
32200	Fuel	15,000	5,090	10,180	15,000	-	0%

Rivanna Solid Waste Authority
Fiscal Year 2021-2022 Draft Budget
Expense Detail by Department
RECYCLING

Object Code	Line Item	Adopted Budget FY 2020-2021	Current Year Activity		Draft Budget FY 2021-2022	FY 2021 vs. FY 2022 Variance \$	FY 2021 vs. FY 2022 Variance %
			Six Months Actual 12/31/2020	Projected Yearend 6/30/21			
32300	Trailer Maint & Repairs	5,000	1,523	3,046	5,000	-	0%
	<i>Subtotal</i>	\$ 60,000	\$ 37,959	\$ 75,918	\$ 60,000	\$ -	0%
33000	Supplies						
33100	Office Supplies	\$ 50	\$ 104	\$ 208	\$ 50	\$ -	0%
33150	Subscriptions/Reference Material	1,000	990	1,980	1,000	-	0%
33350	Postage	-	-	-	-	-	-
	<i>Subtotal</i>	\$ 1,050	\$ 1,094	\$ 2,188	\$ 1,050	\$ -	-
41000	Operation & Maintenance						
41100	Facility Maintenance/Repairs/Replacements	\$ 16,000	\$ 12,688	\$ 25,377	\$ 16,000	\$ -	0%
41160	Forestrty Services	-	-	-	-	-	-
41400	Materials, Supplies & Tools	6,000	-	-	6,000	-	0%
41450	HHW Disposal	-	1,421	2,842	-	-	-
41500	Contracted Labor	5,000	-	-	5,000	-	0%
41550	Material Purchases	5,000	5,909	11,818	5,000	-	0%
41650	Wood Grinding	-	1,458	2,916	-	-	-
41700	Building Rental	40,000	16,200	32,400	40,000	-	0%
41750	Leach Treatment	-	-	-	-	-	-
41760	Tire Disposal	-	-	-	-	-	-
	<i>Subtotal</i>	\$ 72,000	\$ 37,677	\$ 75,353	\$ 72,000	\$ -	0%
43000	Disposal Contracts						
43100	MSW - Ivy Transfer	\$ -	\$ -	\$ -	\$ -	\$ -	-
	<i>Subtotal</i>	\$ -	\$ -	\$ -	\$ -	\$ -	-
51000	Ivy Remediation						
41350	Ground Water Systems Maintenance	\$ -	\$ -	\$ -	\$ -	\$ -	-
41360	Gas Systems Maintenance	-	-	-	-	-	-
51101	Settlement Agreement (Air & Groundwater)	-	-	-	-	-	-
51110	Compliance Ground Water Well Monitoring	-	-	-	-	-	-
51200	Surface Water Monitoring	-	-	-	-	-	-
51225	Cap Replacement and Repair	-	-	-	-	-	-
51224	O&M Cell 3 and P.Plant place holder	-	-	-	-	-	-
51300	Paint Pit Remed. - Gas & Vapor Extraction	-	-	-	-	-	-
51649	Full Scale EBR - Monitoring	-	-	-	-	-	-
51651	Full Scale EBR - Injection & Reporting	-	-	-	-	-	-
51660	Greenhouse Gas Monitoring & Reporting	-	-	-	-	-	-
51670	Cobalt MNA Monitoring	-	-	-	-	-	-
41900	Closure Costs	-	-	-	-	-	-
51800	Contingency	-	-	-	-	-	-
	<i>Subtotal</i>	\$ -	\$ -	\$ -	\$ -	\$ -	-
81000	Equipment						
81200	Rental & Leases	\$ -	\$ -	\$ -	\$ -	\$ -	-
	Depreciation	90,000	45,000	90,000	90,000	-	0%
	<i>Subtotal</i>	\$ 90,000	\$ 45,000	\$ 90,000	\$ 90,000	\$ -	0%
Total		\$ 553,158	\$ 329,311	\$ 651,952	\$ 581,368	\$ 28,210	5.1%

**Rivanna Solid Waste Authority
Fiscal Year 2021-2022 Draft Budget
Expense Detail by Department
ADMINISTRATION**

Object Code	Line Item	Adopted Budget FY 2020-2021	Current Year Activity		Draft Budget FY 2021-2022	FY 2021 vs. FY 2022 Variance \$	FY 2021 vs. FY 2022 Variance %
			Six Months Actual 12/31/2020	Projected Yearend 6/30/21			
10000	Salaries and Benefits						
11000	Salaries	\$ 106,960	\$ 56,782	\$ 113,565	\$ 114,000	\$ 7,040	7%
11010	Holiday & Overtime Pay	-	-	-	-	-	-
12010	FICA	8,182	4,010	8,019	8,721	539	7%
12020	Health Insurance	12,300	8,297	16,594	13,100	800	7%
12026	Employee Assistance Program	25	9	18	25	-	0%
12030	Retirement	10,257	5,373	10,746	10,933	675	7%
12040	Life Insurance	1,433	703	1,407	1,528	94	7%
12050	Fitness Program	-	-	-	-	-	-
12060	Worker's Comp Insurance	6,300	4,552	5,906	6,300	-	0%
	Subtotal	\$ 145,458	\$ 79,727	\$ 156,255	\$ 154,606	\$ 9,148	6%
13000	Other Personnel Costs						
13100	Employee Dues & Licenses	\$ 500	\$ 446	\$ 892	\$ 500	\$ -	0%
13150	Education & Training	1,000	1,190	2,380	1,000	-	0%
13200	Travel & Lodging	1,000	-	-	1,000	-	0%
13250	Uniforms	1,000	-	500	1,000	-	0%
13325	Recruiting and Medical Testing	500	-	-	500	-	0%
13350	Other	4,000	57	114	4,000	-	0%
	Subtotal	\$ 8,000	\$ 1,693	\$ 3,886	\$ 8,000	\$ -	0%
	Professional Services						
20100	Legal Fees	\$ 15,000	\$ 4,004	\$ 8,007	\$ 15,000	\$ -	0%
20200	Financial & Admin. Services	15,000	339	678	15,000	-	0%
20300	Engineering Consultants	20,000	-	-	20,000	-	0%
	Subtotal	\$ 50,000	\$ 4,343	\$ 8,685	\$ 50,000	\$ -	0%
	Other Services and Charges						
21100	General Liability/Property Insurance	\$ 2,200	\$ 978	\$ 1,303	\$ 2,200	\$ -	0%
21150	Advertising / Communication / Outreach	1,500	1,622	3,244	1,500	-	0%
21250	Administrative Services RWSA	543,000	271,500	543,000	554,000	11,000	2%
21252	EMS Programs/Supplies	-	-	-	-	-	-
21253	Safety Programs/Supplies	10,000	-	-	10,000	-	0%
21300	Authority Dues/Permits/Fees	10,000	10,252	20,503	25,000	15,000	150%
21350	Laboratory Analysis	-	-	-	-	-	-
21400	Utilities	-	-	-	-	-	-
21420	General Other Services	6,000	645	1,289	6,000	-	0%
21430	Governance & Strategic Support	5,000	638	1,275	5,000	-	0%
21450	Bad Debt Write-Offs	5,000	-	-	5,000	-	0%
	Subtotal	\$ 582,700	\$ 285,633	\$ 570,615	\$ 608,700	\$ 26,000	4%
22000	Communication						
22100	Radio	\$ 1,000	\$ -	\$ -	\$ 3,000	\$ 2,000	-
22150	Telephone & Data Service	4,700	2,444	4,888	4,700	-	0%
22200	Cell Phones & Pagers	500	-	-	500	-	0%
	Subtotal	\$ 6,200	\$ 2,444	\$ 4,888	\$ 8,200	\$ 2,000	32%
31000	Information Technology						
31100	Computer Hardware	\$ 1,000	\$ 1,009	\$ 2,018	\$ 1,000	\$ -	0%
31200	Maintenance & Support Services	2,000	783	1,566	2,000	-	0%
31250	Software Purchases	500	-	-	500	-	0%
	Subtotal	\$ 3,500	\$ 1,792	\$ 3,584	\$ 3,500	\$ -	0%
32000	Vehicles and Equipment Maint.						
32100	Vehicle Maintenance & Repair	\$ -	\$ -	\$ -	\$ -	\$ -	-
32150	Equipment Maint. & Repair	-	-	-	-	-	-
32200	Fuel	-	-	-	-	-	-
32300	Trailer Maint & Repairs	-	-	-	-	-	-
	Subtotal	\$ -	\$ -	\$ -	\$ -	\$ -	-
33000	Supplies						
33100	Office Supplies	\$ 1,500	\$ 337	\$ 674	\$ 1,500	\$ -	0%
33150	Subscriptions/Reference Material	-	-	-	-	-	-
33350	Postage	-	61	122	-	-	-
	Subtotal	\$ 1,500	\$ 398	\$ 796	\$ 1,500	\$ -	0%
41000	Operation & Maintenance						
41100	Facility Maintenance/Repairs/Replacements	\$ -	\$ -	\$ -	\$ -	\$ -	-

Rivanna Solid Waste Authority
Fiscal Year 2021-2022 Draft Budget
Expense Detail by Department
ADMINISTRATION

Object		Budget		Actual	Yearend	Budget	Variance	Variance
Code	Line Item	FY 2020-2021		12/31/2020	6/30/21	FY 2021-2022	\$	%
41160	Forestrty Services							
41400	Materials, Supplies & Tools	-		-	-	-	-	
41450	HHW Disposal	-		-	-	-	-	
41500	Contracted Labor	-		-	-	-	-	
41550	Material Purchases	-		-	-	-	-	
41650	Wood Grinding	-		-	-	-	-	
41700	Building Rental	-		-	-	-	-	
41750	Leach Treatment	-		-	-	-	-	
41760	Tire Disposal	-		-	-	-	-	
Subtotal		\$	-	\$	-	\$	-	-
43000	Disposal Contracts							
43100	MSW - Ivy Transfer	\$	-	\$	-	\$	-	-
Subtotal		\$	-	\$	-	\$	-	-
51000	Ivy Remediation							
41350	Ground Water Systems Maintenance	\$	-	\$	-	\$	-	-
41360	Gas Systems Maintenance	-		-	-	-	-	
51101	Settlement Agreement (Air & Groundwater)	-		-	-	-	-	
51110	Compliance Ground Water Well Monitoring	-		-	-	-	-	
51200	Surface Water Monitoring	-		-	-	-	-	
51225	Cap Replacement and Repair	-		-	-	-	-	
51224	O&M Cell 3 and P.Plant place holder	-		-	-	-	-	
51300	Paint Pit Remed. - Gas & Vapor Extraction	-		-	-	-	-	
51649	Full Scale EBR - Monitoring	-		-	-	-	-	
51651	Full Scale EBR - Injection & Reporting	-		-	-	-	-	
51660	Greenhouse Gas Monitoring & Reporting	-		-	-	-	-	
51670	Cobalt MNA Monitoring	-		-	-	-	-	
41900	Closure Costs	-		-	-	-	-	
51800	Contingency	-		-	-	-	-	
Subtotal		\$	-	\$	-	\$	-	-
81000	Equipment							
81200	Rental & Leases	\$	-	\$	-	\$	-	-
	Depreciation	-		-	-	-	-	
Subtotal		\$	-	\$	-	\$	-	-
Total		\$	797,358	\$	376,029	\$	834,506	\$ 37,148 5%

Rivanna Solid Waste Authority
Fiscal Year 2021-2022 Draft Budget
Expense Detail by Department
Department: Authoritywide Detail

Object Code	Line Item	Adopted Budget FY 2020-2021	Current Year Activity		Draft Budget FY 2021-2022	FY 2021 vs. FY 2022 Variance \$	FY 2021 vs. FY 2022 Variance %
			Six Months Actual 12/31/2020	Projected Yearend 6/30/21			
10000	Salaries and Benefits						
11000	Salaries	\$ 956,240	\$ 483,576	\$ 967,153	\$ 1,036,500	\$ 80,260	8%
11010	Holiday & Overtime Pay	76,000	67,467	134,935	81,000	5,000	7%
12010	FICA	78,966	40,669	81,338	85,489	6,522	8%
12020	Health Insurance	239,600	117,011	234,022	283,200	43,600	18%
12026	Employee Assistance Program	250	149	298	250	-	0%
12030	Retirement	91,703	43,530	87,060	99,400	7,697	8%
12040	Life Insurance	12,814	5,831	11,662	13,889	1,075	8%
12050	Fitness Program	1,100	735	1,471	1,100	-	0%
12060	Worker's Comp Insurance	58,800	41,987	65,054	72,700	13,900	24%
	Subtotal	\$ 1,515,473	\$ 800,956	\$ 1,582,991	\$ 1,673,528	\$ 158,055	10%
13000	Other Personnel Costs						
13100	Employee Dues & Licenses	\$ 920	\$ 570	\$ 1,140	\$ 920	\$ -	0%
13150	Education & Training	5,000	1,415	2,830	5,000	-	0%
13200	Travel & Lodging	1,800	-	-	1,800	-	0%
13250	Uniforms	21,300	5,786	12,072	17,300	(4,000)	-19%
13325	Recruiting and Medical Testing	1,850	1,008	2,016	1,850	-	0%
13350	Other	5,900	1,342	2,684	5,900	-	0%
	Subtotal	\$ 36,770	\$ 10,121	\$ 20,742	\$ 32,770	\$ (4,000)	-11%
	Professional Services						
20100	Legal Fees	\$ 15,000	\$ 4,004	\$ 8,007	\$ 15,000	\$ -	0%
20200	Financial & Admin. Services	15,000	339	678	15,000	-	0%
20300	Engineering Consultants	20,000	8,936	17,872	20,000	-	0%
	Subtotal	\$ 50,000	\$ 13,279	\$ 26,557	\$ 50,000	\$ -	0%
	Other Services and Charges						
21100	General Liability/Property Insurance	\$ 19,900	\$ 8,976	\$ 15,166	\$ 19,900	\$ -	0%
21150	Advertising / Communication / Outreach	11,800	20,929	41,857	20,300	8,500	72%
21250	Administrative Services RWSA	543,000	271,500	543,000	554,000	11,000	2%
21252	EMS Programs/Supplies	-	-	-	-	-	-
21253	Safety Programs/Supplies	26,000	9,328	18,655	26,000	-	0%
21300	Authority Dues/Permits/Fees	23,600	17,971	35,941	38,600	15,000	64%
21350	Laboratory Analysis	1,000	-	-	1,000	-	-
21400	Utilities	38,200	16,067	32,134	38,200	-	0%
21420	General Other Services	119,650	54,763	109,527	127,650	8,000	7%
21430	Governance & Strategic Support	5,000	798	1,595	5,000	-	0%
21450	Bad Debt Write-Offs	5,000	-	-	5,000	-	0%
	Subtotal	\$ 793,150	\$ 400,331	\$ 797,876	\$ 835,650	\$ 42,500	5%
22000	Communication						
22100	Radio	\$ 1,000	\$ 822	\$ 1,645	\$ 3,000	\$ 2,000	-
22150	Telephone & Data Service	9,600	4,560	9,119	9,600	-	0%
22200	Cell Phones & Pagers	2,550	1,882	3,765	2,550	-	0%
	Subtotal	\$ 13,150	\$ 7,264	\$ 14,529	\$ 15,150	\$ 2,000	15%
31000	Information Technology						
31100	Computer Hardware	\$ 2,500	\$ 1,101	\$ 2,202	\$ 2,500	\$ -	0%
31200	Maintenance & Support Services	5,275	1,896	3,792	20,275	15,000	284%
31250	Software Purchases	500	-	-	500	-	0%
	Subtotal	\$ 8,275	\$ 2,997	\$ 5,994	\$ 23,275	\$ 15,000	181%
32000	Vehicles and Equipment Maint.						
32100	Vehicle Maintenance & Repair	\$ 57,000	\$ 51,341	\$ 102,682	\$ 57,000	\$ -	0%
32150	Equipment Maint. & Repair	75,000	40,794	81,587	75,000	-	0%
32200	Fuel	68,600	21,804	43,607	68,600	-	0%
32300	Trailer Maint & Repairs	14,000	2,077	4,154	14,000	-	0%
	Subtotal	\$ 214,600	\$ 116,015	\$ 232,030	\$ 214,600	\$ -	0%
33000	Supplies						
33100	Office Supplies	\$ 5,550	\$ 3,691	\$ 7,382	\$ 5,550	\$ -	0%

Rivanna Solid Waste Authority
Fiscal Year 2021-2022 Draft Budget
Expense Detail by Department
Department: Authoritywide Detail

Expense Detail by Department						FY 2021	FY 2021
Department: Authoritywide Detail						vs.	vs.
Object Code	Line Item	Adopted Budget	Current Year Activity		Draft Budget	FY 2022	FY 2022
		FY 2020-2021	Six Months Actual 12/31/2020	Projected Yearend 6/30/21	FY 2021-2022	Variance \$	Variance %
33150	Subscriptions/Reference Material	1,000	990	1,980	1,000	-	0%
33350	Postage	-	61	122	-	-	
	Subtotal	\$ 6,550	\$ 4,742	\$ 9,484	\$ 6,550	\$ -	0%
41000	Operation & Maintenance						
41100	Facility Maintenance/Repairs/Replacements	\$ 66,000	\$ 36,086	\$ 72,172	\$ 66,000	\$ -	0%
41160	Forestrty Services	-	1,176	2,352	-	-	
41400	Materials, Supplies & Tools	20,500	14,428	28,856	20,500	-	0%
41450	HHW Disposal	155,000	97,898	195,796	155,000	-	0%
41500	Contracted Labor	5,000	-	-	5,000	-	0%
41550	Material Purchases	5,000	6,659	13,318	5,000	-	0%
41650	Wood Grinding	80,000	54,014	108,028	100,000	20,000	25%
41700	Building Rental	40,000	16,200	32,400	40,000	-	0%
41750	Leach Treatment	5,000	1,046	2,092	5,000	-	0%
41760	Tire Disposal	16,000	13,955	27,910	16,000	-	0%
	Subtotal	\$ 392,500	\$ 241,462	\$ 482,924	\$ 412,500	\$ 20,000	5%
43000	Disposal Contracts						
43100	MSW - Ivy Transfer	\$ 1,454,000	\$ 907,959	\$ 1,815,918	\$ 1,544,580	\$ 90,580	6%
	Subtotal	\$ 1,454,000	\$ 907,959	\$ 1,815,918	\$ 1,544,580	\$ 90,580	6%
51000	Ivy Remediation						
41350	Ground Water Systems Maintenance	\$ 6,500	\$ 8,334	\$ 10,000	\$ 6,500	-	0%
41360	Gas Systems Maintenance	30,000	21,751	30,000	40,000	10,000	33%
51101	Settlement Agreement (Air & Groundwater)	7,000	3,499	7,000	8,500	1,500	21%
51110	Compliance Ground Water Well Monitoring	75,000	71,915	75,000	75,000	-	0%
51200	Surface Water Monitoring	15,000	5,053	10,000	18,000	3,000	20%
51225	Cap Replacement and Repair	200,000	23,208	200,000	-	(200,000)	-100%
51224	O&M Cell 3 and P.Plant place holder	-	-	-	-	-	
51300	Paint Pit Remed. - Gas & Vapor Extraction	-	-	-	-	-	
51649	Full Scale EBR - Monitoring	35,000	20,379	35,000	45,000	10,000	29%
51651	Full Scale EBR - Injection & Reporting	-	-	-	-	-	
51660	Greenhouse Gas Monitoring & Reporting	5,000	-	5,000	12,000	7,000	140%
51670	Cobalt MNA Monitoring	5,000	3,000	5,000	10,000	5,000	100%
41900	Closure Costs	3,500	-	-	3,500	-	0%
51800	Contingency	20,000	-	-	15,000	(5,000)	-25%
	Subtotal	\$ 402,000	\$ 157,139	\$ 377,000	\$ 233,500	\$ (168,500)	
81000	Equipment						
81200	Rental & Leases	\$ 5,000	\$ 630	\$ 1,260	\$ 5,000	\$ -	
	Depreciation	260,000	130,000	260,000	390,000	130,000	50%
	Subtotal	\$ 265,000	\$ 130,630	\$ 261,260	\$ 395,000	\$ 130,000	49%
	Total	\$ 5,151,468	\$ 2,792,895	\$ 5,627,306	\$ 5,437,103	\$ 285,635	6%

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Capital Program

Rivanna Solid Waste Authority

Fiscal Year 2021-2022

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Capital Program Expense Projections Detail

	FY 2021					FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2022-2026 TOTALS
	Adopted	Changes	Adjusted Budget	Dec 2020 Actual-Expenses	Projected Expenses June						
Ivy Operations											
Replace Loader 908	\$ 150,000		\$ 150,000	\$ 104,086	\$ 104,086	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Replace CAT 973	-		-	-	-	275,000	-	-	-	-	275,000
General Improvements - Building Ivy	-		-	-	-	20,000	-	-	-	-	20,000
Allocated Equipment	8,000	20,250	28,250	24,905	24,905	75,000	28,500	-	-	37,500	141,000
Subtotal	158,000	20,250	178,250	128,991	128,991	370,000	28,500	-	-	37,500	436,000
Ivy Transfer Station											
Fans for Transfer Station	30,000	(30,000)	-	-	-	-	30,000	-	-	-	30,000
Tunnel Scales	60,000		60,000	-	47,000	-	-	-	-	-	-
General Improvements - Building Ivy	-		-	-	-	40,000	-	-	-	-	40,000
Rehab Barn	-		-	-	-	75,000	-	-	-	-	75,000
Replace Skid Steer	-		-	-	-	-	-	80,000	-	-	80,000
Yard Jockey	-		-	-	-	110,000	-	100,000	-	125,000	335,000
Allocated Equipment	8,000	20,250	28,250	24,905	24,905	32,500	28,500	-	-	50,000	111,000
Subtotal	98,000	(9,750)	88,250	24,905	71,905	257,500	58,500	180,000	-	175,000	671,000
Ivy Environmental											
Pond impoundment improvements - Alternative 2	100,000	50,000	150,000	28,588	150,000	-	-	-	-	-	-
Ditches, Berms Storm Water	-	240,000	240,000	19,299	240,000	-	-	-	-	-	-
Asphalt repair on back lot (asbestos)	-		-	-	-	-	-	200,000	-	-	200,000
Landfill Gas Repair	-		-	-	-	-	-	-	200,000	-	200,000
Communication control SCADA (lift stations)	30,000	(30,000)	-	-	-	30,000	-	-	-	-	30,000
Allocated Equipment	4,000	67,000	71,000	33,207	73,207	-	35,500	-	-	50,000	85,500
Subtotal	134,000	327,000	461,000	81,094	463,207	30,000	35,500	200,000	-	250,000	515,500
County Convenience Centers											
Southern Convenience Center						1,100,000	-	-	-	-	1,100,000
Allocated Equipment	-	27,000	27,000	33,207	33,207	17,000	28,000	-	-	37,500	82,500
Subtotal	-	27,000	27,000	33,207	33,207	1,117,000	28,000	-	-	37,500	1,182,500
Recycling - McIntire / Paper Sort											
Replace OCC Compactor	-		-	-	-	-	50,000	-	-	-	50,000
Forklift and Bale Clamp	20,000		20,000	38,625	38,625	-	-	-	-	-	-
Asphalt Paving	25,000	(25,000)	-	-	-	-	-	-	-	-	-
Roll-off containers	15,000	(15,000)	-	-	-	15,000	15,000	-	-	-	30,000
Replace Trailers	30,000	(30,000)	-	-	-	30,000	30,000	30,000	-	-	90,000
Allocated Equipment	-	40,500	40,500	49,811	49,811	25,500	49,500	-	-	75,000	150,000
Subtotal	90,000	(29,500)	60,500	88,436	88,436	70,500	144,500	30,000	-	75,000	320,000
Total 5-Year CIP	\$ 480,000	\$ 335,000	\$ 815,000	\$ 356,634	\$ 785,747	\$ 1,845,000	\$ 295,000	\$ 410,000	\$ -	\$ 575,000	\$ 3,125,000
											\$ 3,125,000
Allocated Equipment											
Above Ground Storage Tanks AST - Ivy	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 85,000	\$ -	\$ -	\$ -	\$ -	\$ 85,000
New Road Tractor	-	135,000	135,000	136,452	136,452	-	140,000	-	-	-	140,000
Tanker - Lechate	-	40,000	40,000	-	40,000	-	-	-	-	-	-
Replace Scales	-		-	-	-	65,000	-	-	-	-	65,000
Replace Vehicle - Ranger	-		-	-	-	-	30,000	-	-	-	30,000
Replace Vehicle - Explorer	20,000		20,000	29,584	29,584	-	-	-	-	-	-
Replace Roll-off truck	-		-	-	-	-	-	-	-	250,000	250,000
Roll-off containers - Ivy and McIntire split	-		-	-	-	-	-	-	-	-	-
Total Equipment to allocate	20,000	175,000	195,000	166,036	206,036	150,000	170,000	-	-	250,000	570,000
Allocation:											
Ivy Operations	8,000	20,250	28,250	24,905	24,905	75,000	28,500	-	-	37,500	141,000
Ivy Transfer Station	8,000	20,250	28,250	24,905	24,905	32,500	28,500	-	-	50,000	111,000
Ivy Environmental	4,000	67,000	71,000	33,207	73,207	-	35,500	-	-	50,000	85,500
Ivy CC	-	27,000	27,000	33,207	33,207	17,000	28,000	-	-	37,500	82,500
Recycling	-	40,500	40,500	49,811	49,811	25,500	49,500	-	-	75,000	150,000
Total Cost Center Allocations	\$ 20,000	\$ 175,000	\$ 195,000	\$ 166,036	\$ 206,036	\$ 150,000	\$ 170,000	\$ -	\$ -	\$ 250,000	\$ 570,000

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Appendices

Rivanna Solid Waste Authority

Fiscal Year 2021-2022

**Rivanna Solid Waste Authority
Fiscal Year 2021-2022**

General Definitions

MSW	Municipal Solid Waste, a.k.a. non-hazardous household, commercial refuse and construction debris
Operating Revenue Categories:	
Ivy Tipping Fees	Fees for items received at Ivy, either per ton or per item
Transfer Station Tipping Fees	Fees per ton of MSW delivered to the Ivy transfer station for all wastes.
Material Sales - Ivy	Sales of mulch, wood chips, metal, and encore items
Recycling Revenues	Material sales primarily from McIntire / Paper Sort collections
Recycling Revenues - Ivy C.C.	Material sales primarily from the Ivy Convenience Center material collections
Other Revenues	Grants, fees for services, and finance charges
Interest	Interest earned on operating and escrow funds
Operating Expenses:	
Ivy Operations	Operations and maintenance costs for all non-Transfer Station services (Yard/Veg waste, Tires, Clean fill, etc.)
Ivy Environmental	Ground water and gas remediation costs
MSW - Transfer	Personnel costs, maintenance, and contract costs for the Transfer Station
Recycling Operations	Operations and maintenance costs for McIntire and Paper Sort
Recycling Operations - Ivy C.C.	Operations and maintenance costs for Ivy Convenience Center
Administration	Administrative overhead
Tipping Fees:	
Clean Fill Material	Mixed dirt, bricks, concrete, road materials
Grindable Vegetative Material	Wood waste suitable for chipping
Tires (Split or Whole)	Vehicle & equipment tires
White Goods (Freon & non-Freon)	Large appliances
IVY - MSW TS	MSW tipping fee per ton at Ivy Transfer

Rivanna Solid Waste Authority
Fiscal Year 2021-2022

Authority Staffing Plan

		FY 2022 (FTE) FULL- TIME EQUIVALENT	FY 2021 Approved FTE	CHANGE FROM FY 2021	
Administrative	Operations Support Administrator	1.00	1.00	0.00	
Ivy Operations and Environmental	Manager	1.00	1.00	0.00	
	Heavy Equipment Operator/Attendant	1.00	1.00	0.00	
	Operator/Attendant - Ivy / grounds maintenance	1.00	0.00	1.00	
Allocated Positions between Ivy Operations, Ivy MSW and Recycling	<u>Ivy - MUC</u>				
	Assistant Manager	1.00	1.00	0.00	
	Operator/Attendant - Ivy	4.00	3.00	1.00	
	<u>Ivy - Convenience Center</u>				
	Operator/Attendant	1.00	1.00	0.00	
	Operator/Attendant (0.5 shared with McIntire)*	0.50	0.50	0.00	
	<u>Recycling - McIntire / Paper Sort</u>				
	Operator/Attendant - McIntire*	0.50	0.50	0.00	
	Operator/Attendant - Paper Sort	1.00	1.00	0.00	
	Operator/Attendant - McIntire	1.00	1.00	0.00	
	Scale Clerks	2.50	2.50	0.00	
	Driver/Equipment Operator (allocated to all Cost Centers)	6.00	6.00	0.00	
	<i>Subtotal</i>	21.50	19.50	2.00	10%

					FTE Split		
					RWSA	SWA	
Joint Administrative Staff	Executive Director	1.00	1.00	0.00	0.85	0.15	1.00
	Communications Manager/Executive Coordinator	1.00	1.00	0.00	0.60	0.40	1.00
	Director of Finance & Administration	1.00	1.00	0.00	0.80	0.20	1.00
	Office/HR Manager	1.00	1.00	0.00	0.80	0.20	1.00
	Senior Accountant	1.00	1.00	0.00	0.80	0.20	1.00
	Accounting Associate	1.00	0.00	1.00	0.90	0.10	1.00
	Payroll & Benefits Coordinator	1.00	1.00	0.00	0.75	0.25	1.00
	Accounts Payable/Purchasing Technician	1.00	1.00	0.00	0.75	0.25	1.00
	Accounts Receivable Technician	1.00	1.00	0.00	0.30	0.70	1.00
	Administrative Assistant	1.00	1.00	0.00	0.75	0.25	1.00
	Administrative Office Technician	1.00	1.00	0.00	0.70	0.30	1.00
	Safety Manager	1.00	1.00	0.00	0.70	0.30	1.00
	<u>IT/SCADA</u>						
	Information Systems Administrator	1.00	1.00	0.00	0.60	0.40	1.00
	Information Systems Asst. Administrator	1.00	1.00	0.00	0.60	0.40	1.00
	GIS Coordinator	1.00	1.00	0.00	1.00	0.00	1.00
	Software Analyst	1.00	1.00	0.00	0.80	0.20	1.00
	IT Specialist - SCADA	1.00	1.00	0.00	1.00	0.00	1.00
	IT Administrator	1.00	0.00	1.00	1.00	0.00	1.00
	SCADA Technician	1.00	1.00	0.00	1.00	0.00	1.00
	<i>Subtotal</i>	19.00	17.00	2.00	14.70	4.30	19.00

FTE Split with RWSA

FY 2022
FY 2021

SWA FTEs

4.30
4.20

**Rivanna Solid Waste Authority
Fiscal Year 2021-2022**

Cost Allocation for Administrative Services Provided by RWSA

	<u>Base</u>	<u>Percentage</u>	<u>FY 2022 SWA Share</u>	<u>FY 2021 SWA Share</u>
Salaries Total Admin.				
SWA share	\$ 1,554,300	22%	\$ 341,946	\$ 334,840
Benefits Total Admin.				
SWA share	577,500	22%	127,050	125,400
Other Personnel Costs	46,500	22%	10,230	9,394
Professional Services	60,000	22%	13,200	14,400
General Other Services	20,900	22%	4,598	3,600
Building and Grounds	62,300	22%	13,706	11,400
Communications	21,000	15%	3,150	3,225
Technology	145,900	22%	32,098	34,040
Office Supplies and Postage	31,500	22%	6,930	6,063
Vehicles	21,500	5%	1,475	1,300
			\$ 554,383	\$ 543,662
Rounded to	{Total shared costs to RSWA}		\$ 554,000	\$ 544,000
All other costs			280,506	
Less Interest revenue			(10,400)	
Administrative cost to allocate			\$ 824,106	

Administration costs allocated to cost centers

Ivy Operations	\$ 206,027	25.00%
MOU Environmental	247,232	30.00%
Ivy Transfer/MSW	206,027	25.00%
Ivy Convenience Center	-	0.00%
Recycling	164,821	20.00%
	<u>\$ 824,106</u>	<u>100.00%</u>

Rivanna Solid Waste Authority
Material Analysis Report
Waste Tonnages
Fiscal Years 2017-2021

	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021 (Jul-Dec)	FY 2021 Projected
Ivy Waste Tonnage Categories						
Clean Fill Material	6,354	4,819	7,764	11,368	4,721	9,442
Grindable Vegetative Material	2,864	2,199	2,988	4,556	2,037	4,074
Compost		174	443	379	94	188
Pallets	72	77	73	21	-	-
Tires, Whole	87	58	171	77	147	294
White Goods (Non-Freon)	10	11	13	5	14	28
Total Non-MSW	9,387	7,338	11,452	16,406	7,013	14,026
MSW Tonnages						
Ivy:						
Ivy MSW TS	8,341	8,423	16,404	29,364	20,027	40,054
Total Ivy MSW	8,341	8,423	16,404	29,364	20,027	40,054
Total	17,728	15,761	27,856	45,770	27,040	54,080

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Rivanna Solid Waste Authority Historical Material Tonnage Report - Recycling Fiscal Years 2017-2021
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Fiscal Year 2017	Fiscal Year 2018	Fiscal Year 2019	Fiscal Year 2020	Fiscal Year 2021 (Jul-Dec)
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In U.S. Tons**Fiber Products**

Newspaper, Magazines, Catalogs	419	424	427	120	-
Cardboard (Corrugated)	812	763	807	560	441
Mixed Paper and Phone Books	156	186	265	792	371
File Stock (Office Paper)	122	111	128	77	22
Total Fiber Products	1,509	1,484	1,627	1,549	834

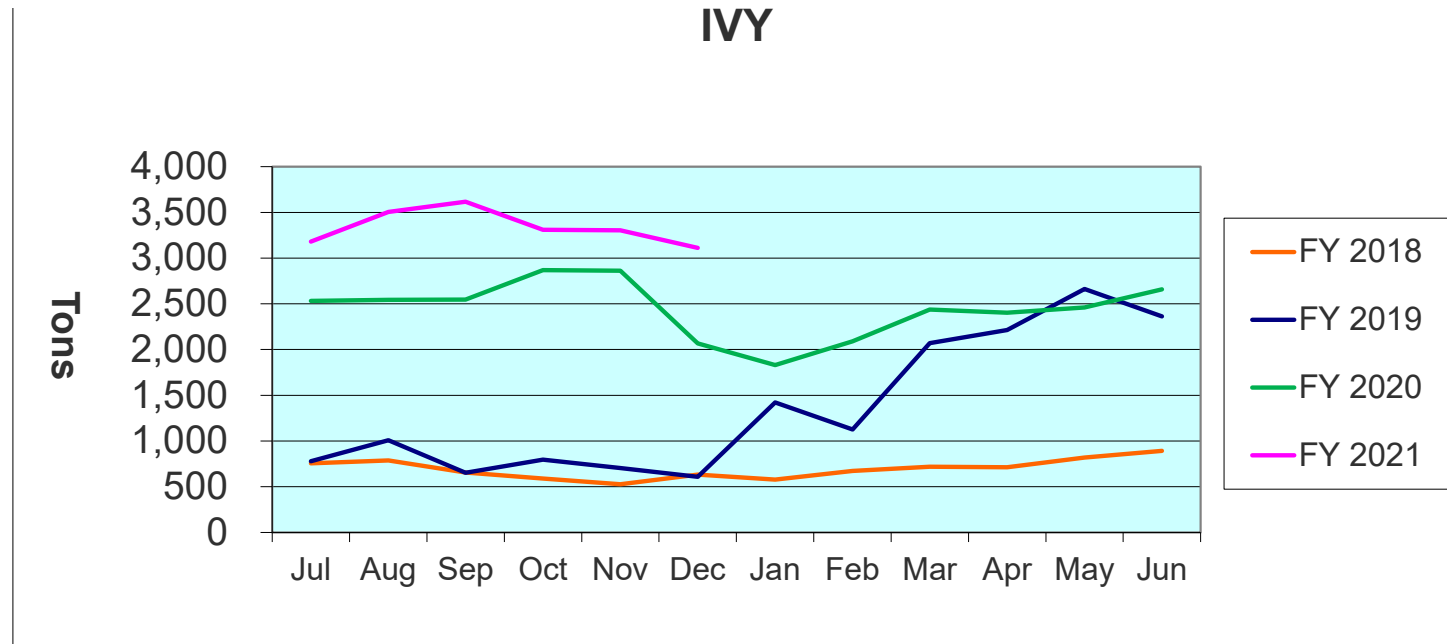
Other Products

Glass	252	252	411	467	253
Metal Cans	31	41	58	54	42
Plastic	86	103	127	114	77
Total Other Products	369	396	596	635	372
Total	1,878	1,880	2,223	2,184	1,206

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**Rivanna Solid Waste Authority
MSW Transfer Tonnages
FY 2018 - 2021**

Appendix 6



Rivanna Solid Waste Authority
Fiscal Year 2021-2022

Cash Reserve Balances

Operating Cash Accounts

December 2020 Ending Balance	<u>\$ 1,990,175</u>
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Capital Cash Reserves

December 2020 Ending Balance	\$ 978,001
Estimated additions	130,000
Estimated expenditures	(516,000)
Estimated Ending Balance	<u>\$ 592,001</u>

Total Discretionary Funds	<u>\$ 2,582,176</u>
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<u>Trust Fund with DEQ</u>	<u>\$ 127,474</u>
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Liabilities

Closure and Post Closure *	\$ 5,646,403
Estimated Accounts Payable	303,400
Estimated Accrued Leave	37,700
Estimated Accrued VERIP	38,500
Net OPEB Liability	54,400
Net Pension Liability	222,900

Total Liabilities	<u>\$ 6,303,303</u>
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* The City and County are currently using a local guarantee option as financial assurance to DEQ with the exception of the \$127,474 trust fund for the Transfer Station Closure.

**Rivanna Solid Waste Authority
Fiscal Year 2021-2022**

Local & MOU Support

	Annual FY 2022	Annual FY 2021	\$ Change	% Change
<u>County</u>				
Local Support - Ivy	\$ 974,346	\$ 828,038	\$ 146,307	18%
Local Support - Ivy C. C.	294,473	280,682	13,790	5%
Local Support - Recycling	426,922	396,235	30,687	8%
MOU - Environmental	574,381	502,465	71,916	14%
	\$ 2,270,122	\$ 2,007,421	\$ 262,701	13%
<u>City</u>				
Local Support - Recycling	\$ 182,967	\$ 169,815	\$ 13,152	8%
MOU - Environmental	316,132	276,551	39,582	14%
	\$ 499,099	\$ 446,366	\$ 52,734	12%