






Board of Directors Meeting

March 22, 2022

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 22, 2022

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 November 16, 2021*
- b. Minutes of the Regular Meeting of the Board on January 25, 2022*

4. ELECTION OF CHAIR, VICE CHAIR & SECRETARY-TREASURER

Mr. Gaffney is currently the Chair, Mr. Richardson is the Vice Chair, and the Secretary-Treasurer position has been vacant since the departure of Mr. Boyles in October 2021.

A motion, second and vote would be in order to elect new Officers for a two-year term starting on May 1, 2022.

5. RECOGNITION

6. EXECUTIVE DIRECTOR'S REPORT

7. ITEMS FROM THE PUBLIC

8. RESPONSES TO PUBLIC COMMENTS

9. CONSENT AGENDA

- a. Staff Report on Finance*
- b. Staff Report on Ivy Material Utilization Center/Recycling Operations Update*

10. OTHER BUSINESS

- a. Presentation, Public Hearing and Approval: Revised Rate Schedule, Large Clean Fill Program; Phil McKalips, Director of Solid Waste*
- b. Presentation and Approval: Introduction of the FY 2022 – 2023 Budget and Adoption of the Preliminary Rate Schedule for Public Hearing; Bill Mawyer, Executive Director*

11. OTHER ITEMS FROM BOARD/STAFF NOT ON AGENDA

12. CLOSED MEETING

13. 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.

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 22, 2022 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. Andrews: Please state your full name and location.

Mr. Pinkston: Please state your full name and location.

Mr. Richardson: Please state your full name and location.

Mr. Rogers: Please state your full name and location.

Mr. Smalls: 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 and consultants:

Bill Mawyer, Phil McKalips, Lonnie Wood, Jennifer Whitaker, John Hull, Jeff Southworth, and Deborah Anama.

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



RSWA BOARD OF DIRECTORS
Minutes of Regular Meeting
November 16, 2021

A regular meeting of the Rivanna Solid Waste Authority (RSWA) Board of Directors was held on Tuesday, November 16, 2021, at 2:00 p.m. via Zoom.

Board Members Present: Mike Gaffney, Jeff Richardson, Dr. Liz Palmer, Lloyd Snook, Samuel Sanders, Jr. (arrived at 2:07 p.m.), Lance Stewart.

Board Members Absent: None.

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

Attorney(s) Present: Carrie Stanton.

1. CALL TO ORDER

Mr. Gaffney convened the November 16, 2021, regular meeting of the Board of Directors of the Rivanna Solid Waste Authority at 2:01 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.

Dr. Liz Palmer stated she was located at 2958 Mechum Banks Drive in Albemarle County.

Mr. Jeff Richardson stated he was located at the County Office Building at 401 McIntire Road in Charlottesville, VA.

Mr. Sanders, Jr. had not yet joined the meeting and was absent from the roll call.

Mr. Lloyd Snook stated he was located at 408 East Market Street, Charlottesville, VA.

Mr. Stewart stated he was located at 401 McIntire Road, 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, Phil McKalips, Lonnie Wood, Jennifer Whitaker, John Hull, Liz Coleman, Katie McIlwee, and Deborah Anama.

Mr. Gaffney stated they were also joined electronically by Carrie Stanton, Counsel to the Authority.

3. MINUTES OF PREVIOUS BOARD MEETING

a. Minutes of the Regular Meeting of the Board on September 28, 2021.

Ms. Stanton noted the same code section reference revisions as were made for the RWSA minutes from the prior month. She stated that in line 562, the code section should be Section 2.2-3711-A(1) of the Code of Virginia. She stated on line 578, it should be Section 2.2-3712(D) of the Code of Virginia.

Dr. Palmer moved that the board approve the minutes of the previous board meeting as amended. Mr. Stewart seconded the motion, which passed unanimously (5-0). (Mr. Sanders, Jr. was absent from the vote.)

4. RECOGNITION

a. Resolution of Appreciation for Mr. Chip Boyles

Mr. Gaffney read the following resolution:

“WHEREAS, Mr. Boyles has served as a member of the Rivanna Water & Sewer Authority and Rivanna Solid Waste Authority Board of Directors since February of 2021; and

“WHEREAS, over that same period Mr. Boyles has demonstrated leadership in water and sewer, solid waste and recycling services; and has been a valuable member of the Boards of Directors and a resource to the Authorities; and

“WHEREAS, Mr. Boyles’s understanding of the water, sewer, solid waste and recycling operations of the City of Charlottesville, the Water & Sewer Authority and the Solid Waste Authority has supported a strategic decision-making process that provided benefits to the customers served by the City of Charlottesville as well as the community as a whole; and

“WHEREAS, the Water & Sewer Authority and Solid Waste Authority Boards of Directors are most grateful for the professional and personal contributions Mr. Boyles has provided to both Authorities and to the community.

“NOW, THEREFORE, BE IT RESOLVED that the Rivanna Water & Sewer Authority and the Rivanna Solid Waste Authority Boards of Directors recognize, thank, and commend Mr. Boyles for his distinguished service, efforts, and achievements as a member of the Rivanna Water & Sewer

Authority and the Rivanna Solid Waste Authority, and present this Resolution as a token of esteem, with their best wishes in his future endeavors.

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

Mr. Snook moved to approve the Resolution of Appreciation. Dr. Palmer seconded the motion, which passed unanimously (6-0).

b. Resolution of Appreciation for Dr. Liz Palmer

Mr. Gaffney read the following resolution:

“WHEREAS, Dr. Palmer has served as a member of the Rivanna Solid Waste Authority and the Rivanna Water & Sewer Authority Boards of Directors since 2016; and

“WHEREAS, since 1998 Dr. Palmer has been an active and valuable contributor and has demonstrated leadership in solid waste, recycling, drinking water and wastewater services as a member of the community and as a member of the Boards of Directors; and

“WHEREAS, Dr. Palmer’s understanding of solid waste and recycling as well as drinking water and sewer operations of Albemarle County and the Rivanna Authorities has supported a strategic decision-making process that provided benefits to the customers served by Albemarle County as well as the community as a whole. During Dr. Palmer’s tenure and through her efforts, major projects were completed including:

- a modern refuse Transfer Station at the Ivy Material Utilization Center
- the first recycling and refuse Convenience Centers located at the Ivy MUC as well as in Keene
- a Community Water Supply Plan to ensure an adequate water supply for the next 50 years
- the regional “Wastewater Projects Cost Allocation Agreement”
- Odor Control Improvements at the Moores Creek Advanced Water Resource Recovery Facility
- Granular Activated Carbon Filters for the water treatment plants
- a Strategic Plan for both Authorities; and

“WHEREAS, the Solid Waste Authority and Water & Sewer Authority Boards of Directors are most grateful for the professional and personal contributions Dr. Palmer has provided to both Authorities and to the community.

“NOW, THEREFORE, BE IT RESOLVED that the Rivanna Solid Waste Authority and Rivanna Water & Sewer Authority Boards of Directors recognize, thank, and commend Dr. Palmer for her distinguished service, efforts, and achievements and present this Resolution as a token of esteem, with their best wishes in her future endeavors.

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

Mr. Richardson moved to approve the Resolution of Appreciation. Mr. Stewart seconded the motion, which passed unanimously (6-0).

Mr. Gaffney offered his appreciation to Dr. Palmer.

Dr. Palmer asked if she could take some time to say a few words about the Solid Waste Authority. She stated Mr. Gaffney is the only person on the board who was present when there was an effort to go from privatizing solid waste in the County to having a municipally owned, modern transfer station. She stated she wanted to say a few words of importance of how this happened. She stated she particularly wanted to talk about the importance of the SWAAC Committee in that effort and how it can be equally as important going forward.

Dr. Palmer stated that prior to 2014, the Board of Supervisors was planning on privatizing solid waste. She stated her predecessor on the RSWA that was the representative on the Board of Supervisors thought it was very important to get the County out of solid waste. She stated he wanted to privatize it and was very clear about it. She stated they had a different viewpoint.

Dr. Palmer stated that when she got on the Board of Supervisors in 2014, she knew absolutely nothing about solid waste and was a blank slate. She stated she knew some things about the history, but she did not know anything about trash. She stated the rest of her board colleagues were likely equally in the dark about the business. She stated they resurrected what used to be the Citizens Advisory Board for Rivanna and made this a County committee. She stated they worked hard to populate it with people who understood the business such as a hauler, someone who ran a transfer station in the past, and people that understood the business.

Dr. Palmer stated that for a variety of reasons, there were many roadblocks thrown at the committee. She stated Mr. McKalips would recall explaining to her one of the roadblocks – that if they built the transfer station where they have it today, it would be so heavy that it would potentially push out toxic groundwater and contaminate the surrounding water. She stated she had expressed that this was crazy but that no one was going to listen to her. She stated Rivanna stepped in and wrote a letter to correct this misinformation. She stated Mr. McKalips explained to her how well they understood the landfill and how this would not happen.

Dr. Palmer stated there had been misconceptions about the permitting process on the side of the County staff, and she would note that all the County staff were different at the time. She stated there was a different County Executive and County Attorney, and it was a different world then. She stated the current County staff, in her opinion, has been wonderful, and she was incredibly appreciative of everyone on the County staff who has helped get to this point as well as everyone on the Rivanna staff.

Dr. Palmer stated this committee explained very clearly what was needed in a commercially viable transfer station. She stated that very early on, they had a spoke and wheel design where they would get the transfer station up and running and have it open six days a week, adding that she had always wanted it to be open seven days a week and had talked to Mr. McKalips in the past about how perhaps this would happen someday, that it would have competitive tipping fees, and that people had to be able to get in and out very fast. She stated this was all very common, and she remembers one hauler telling her, "Build it, and they will come. It will take approximately three years for the numbers to ramp up." She stated this hauler was exactly right.

Dr. Palmer stated that currently, the committee has more recycling-oriented people on it, but at some point, as she has discussed with some County staff, the County will have to put a transfer station up Route 29 North, perhaps doing so with Greene County. She stated she would encourage anyone who is dealing with the committee to think about moving some of those commercial operators or retired operators on to the SWAAC Committee to get advice. She stated this was

197 incredibly helpful in getting herself and other Board members to understand what was required to
198 make this work.

199
200 Dr. Palmer stated she had one more thing to say which she felt was interesting. She stated in her
201 incredible frustration those first couple of years, she finally called Graham Simmerman at the DEQ
202 and asked to meet with him. She stated she drove to Harrisonburg and explained to him what was
203 happening in Albemarle County. She stated she asked him to give her a bigger picture on what
204 happens at the state level in other communities, as she was so cloistered in her own community and
205 did not know who to believe.

206
207 Dr. Palmer stated Mr. Simmerman was extremely helpful and told her, "You guys are the bad
208 actors. There is only one other community that has an open-air transfer station like yours in the
209 state." She stated Mr. Simmerman told her that this was a small, economically disadvantaged
210 community, pointing out that Albemarle County is a wealthy one and asking her why the solution
211 could not be supplied there. She stated she then asked Mr. Simmerman why the DEQ had not closed
212 the transfer station if they had been out of compliance for 14-15 years, to which Mr. Simmerman
213 replied, "Because I couldn't do that to the community. I couldn't do that to the people of the
214 community because this is a core, essential service. You need to supply this for your community."

215
216 Dr. Palmer stated she walked away from the conversation knowing that this was what they had to
217 do. She stated this story is important, going forward, as they grow as a County and make sure that
218 they provide this service to the community. She stated she never advocated getting into the trash
219 collection business, but she thinks it is incredibly important that the County provides commercial
220 and residential spaces for people to bring their trash. She stated as one hauler did say to her very
221 early on, "The only thing you can depend on in life is death, taxes, and trash."

222
223 Dr. Palmer stated the RSWA and the RWSA were the two organizations she would miss the most
224 about being on the Board of Supervisors. She stated it had been a pleasure working with everyone
225 over the years.

226 227 **5. EXECUTIVE DIRECTOR'S REPORT**

228 Mr. Mawyer stated that to follow up on Dr. Palmer's comments, he found it interesting that as he
229 read the CAFR, the RSWA in the 12-month period of FY 21 handled about 100 million pounds of
230 refuse and recycling materials. He stated they handled 14 million pounds of waste that was diverted
231 into recycling and reuse programs and an additional 83 million pounds of refuse that they had
232 transferred and disposed. He stated this was quite an accomplishment, and he would thank Dr.
233 Palmer and the Board for all the leadership they provided through the years, as Dr. Palmer recanted,
234 from the doldrums of the early 2000s up to where they currently are as a vibrant, progressive Solid
235 Waste Authority. He stated this was reflected in the chart in his report.

236
237 Mr. Mawyer stated there was a month in September where they had averaged 175 tons per day
238 coming through the transfer station. He stated this is a significant gain from where they were three
239 short years ago, when they were averaged 30 or 40 tons per day and 64 tons in January of 2019. He
240 stated when the transfer station was built, the goal was to try to get this up to 89 tons per day, and
241 they are far exceeding this objective. He stated RSWA has gone back to DEQ to request a permit
242 increase so they can increase the maximum transfer from 300 tons per day to 450 tons per day
243 through the transfer station.

Mr. Mawyer congratulated and thanked the board as well as the staff of 20 people at the landfill and those at McIntire who manage the Transfer and Paper Sort facilities. He reiterated that there was 100 million pounds of waste and recyclable materials processed in FY2021.

Mr. Mawyer stated there had been successful Household Hazardous Waste and Bulky Waste Amnesty Days that fall, with thousands of pounds of furniture, mattresses, appliances, and tires as well as household hazardous waste materials being properly disposed.

Mr. Mawyer stated the RSWA is continuing its design of the Keene Convenience Center and coordinating with the County site plan review process to get that project designed properly and ready for construction, with an opening date planned for the end of 2022.

Mr. Mawyer stated that as the newspaper reported, there was a solar project at the Ivy MUC that was approved by the Albemarle County Board of Supervisors for a special use permit. He stated this was a great thing for the Community Power Group, who is leasing the property at the Ivy MUC from Rivanna. He stated it was reported that the group expects to start construction of the solar arrays in 2023.

Mr. Mawyer stated Rivanna also celebrates that 100% of Solid Waste staff have been vaccinated against the COVID virus. He stated one staff member needs a second shot and then, they will be 100% fully vaccinated. He stated he would applaud that group, adding that there was a time that they had the lowest vaccination percentage in the Rivanna Authorities.

Mr. Mawyer stated he was working on the VDEQ Solid Waste Fee Study Committee where the General Assembly asked the DEQ to increase its permit fees to be a 100% recoverable expense. He stated Mr. McKalips pinch-hit for him in two meetings, which he appreciated. He stated that ultimately, it appeared that the group came up with the annual transfer station fee, which would stay relatively unchanged at \$6,500 per year, but that the post-closure annual fee will increase from about \$1,176 per year to about \$7,500 per year.

6. ITEMS FROM THE PUBLIC

Mr. Gaffney opened Items from the Public. He asked Mr. Hull if there was anyone from the public who wished to speak.

There were no public comments.

Mr. Gaffney closed Items from the Public.

7. RESPONSES TO PUBLIC COMMENT

As there were no items from the public, there were no responses.

8. CONSENT AGENDA

a. Staff Report on Finance

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

c. Staff Report on the Control of Firearms and Ammunition – General Administrative Procedure #2

d. Staff Report on the Use of Credit Cards – General Administrative Procedure #3

e. Award of Contract for Vegetative Waste Grinding

f. *Approval of Calendar Year 2022 Meeting Schedule*

Dr. Palmer moved that the board approve the Consent Agenda as presented. That was seconded by Mr. Stewart and passed unanimously (6-0).

9. OTHER BUSINESS

a. *Presentation: FY 21 CAFR and Audit Report; Matthew McLearen, Robinson, Farmer, Cox Associates*

Mr. Matthew McLearen of Robinson, Farmer, Cox Associates stated his firm performs the FY 2021 Financial Statement Audit. He stated he would briefly review the Annual Financial Report, which also contains the Independent Auditors Report, which is the firm's opinion on the financial statements.

Mr. McLearen stated that prior to doing this, he had issued a letter entitled "Communication with Those Charged with Governance," which is a required communication between an auditor and government body. He stated it can be a written document, and it can also be communicated orally in person to the board or those charged with governance. He stated this is a two-page letter that he believed was in the board's possession and authority, but he would briefly highlight the points from that letter.

Mr. McLearen stated he would start with responsibilities. He stated that under the audit, management is responsible for the preparation of the financial statements, including the Annual Financial Report. He stated management is also responsible for the design and implementation of internal controls. He stated the auditor is responsible for testing those controls, evaluating accounting principles, and conducting tests to substantiate the figures and amounts reported in the financial statements as presented by management.

Mr. McLearen stated the second item was Difficulties Encountered in Performing the Audit. He stated the firm is required by professional standards to disclose any difficulties they had, which could include incomplete records, inability to access certain records they would necessarily need to opine on financial statements. He stated he was pleased to report that they had no such difficulties.

Mr. McLearen stated the third item described in the letter was Corrected and Uncorrected Misstatements. He stated that as with most audits, the firm proposes audit adjustments and if those audit adjustments are included in the financial statements, they are considered corrected misstatements. He stated uncorrected misstatements are those that are proposed and not included in the financial statement, and the firm is required by professional standards to disclose any uncorrected misstatements. He stated he was pleased to report that there were no uncorrected misstatements.

Mr. McLearen stated the next item was Applying Accounting Principles, which was a summary overview of any accounting principles that may have applied to the FY 21 audit. He stated there was a significant accounting principle that was enacted for all governmental entities and did not apply to the Authority. He stated this was GASB Reporting Standard #84 and was not included in the financial statements. He stated that in the future, the accounting standards coming up were GASB Reporting Standard #87, which has been talked about for quite a few years and is the government's mirror of the GASB or financial reporting standards for for-profit entities regarding lease

accounting. He stated this will be implemented in FY 22, assuming that the GASB does not delay it again.

Mr. McLearen stated lastly, in the letter, one will find any mention of significant audit findings. He stated an auditor is required to disclose any audit findings that they found during the course of the audit field work. He stated he was pleased to report that there were no significant audit findings disclosed for FY 21.

Mr. McLearen stated the Annual Financial Report contains a wealth of information. He stated this report also includes the Independent Auditors Report, which is included under the Financial section. He stated his review of the Financial Report would focus solely on the Financial section and the Compliance section, which also includes a report from the independent auditors.

Mr. McLearen stated that in the Annual Financial Report, on page 13 (or PDF pages 19 and 20), this was the Independent Auditors Report, which is the opinion of the Annual Financial Statement and the material accuracy of the numbers as presented. He stated the firm has issued an unmodified, clean report, dated October 25, 2021.

Mr. McLearen stated that immediately following the Independent Auditors Report is a section entitled "Management's Discussion and Analysis." He stated this section (commonly referred to as the MD&A) is a narrative overview of the financial statements where management presents the increases or decreases, along with a comparative analysis of the significant financial information included in the financial statements as presented. He stated this is very similar to an executive summary of the financial report.

Mr. McLearen stated that immediately following the MD&A are the three core financial statements, starting with Exhibit 1 (found on page 24 of the bound document, or on PDF pages 30 and 31). He stated the statement in that position is similar to a balance sheet for a for-profit entity. He stated it spans the course of two pages. He stated the second page of this exhibit reports the net position, which is the term for equity in a governmental setting, and there are total net equities of \$7.4 million as of June 30, 2021.

Mr. McLearen stated the second of the three exhibits is the Statement of Revenue Expenses and Changes in that Position (found on page 26, or page 32 of the PDF). He stated this is similar to an income statement for a for-profit entity and reports the increase or decrease in the equity, including the total revenues and expenses of the Authority for the year ending June 30, 2021. He stated one would see that the change in that position is the third number from the bottom when looking at the statement and is a decrease of approximately \$214,000 for the fiscal year ending June 30, 2021. He stated the analysis of the information presented on the statement can be found in the MD&A section, which speaks to the increase or decrease in that position.

Mr. McLearen stated finally, the third financial statement is the Statement of Cash Flows, which is Exhibit 3 (page 27, or page 33 of the PDF). He stated this reports the ending cash position of the Authority, and it also presents the increases or decreases and provides a summary of how that increase or decrease was comprised. He stated about halfway down the page, one would see that the Authority had a past position of \$3.2 million on June 30, 2021, which represented a decrease of \$523,000 for the fiscal year. He stated there is a lot of information on that page, and a large part of that decrease can be found in the capital assets under the cash flow related activities.

Mr. McLearen stated he wanted to briefly review the Compliance section, found at the rear of the audit document report. He stated this was found on pages 83 and 84, or on pages 89 and 90 of the PDF. He stated this is the Report on Internal Controls Over Financial Reporting, where an auditor would describe any significant deficiencies or material weaknesses that are found in the financial reporting structure. He stated the firm reported no significant deficiencies nor material weaknesses for the fiscal year ending June 30, 2021.

Mr. McLearen stated this concluded his remarks and offered to take questions from the board.

Dr. Palmer stated this was another good job.

Mr. Gaffney stated he appreciated the thoroughness of the report. He asked Ms. Stanton if the board needed to accept the report in the presentation.

Ms. Stanton replied that the board could accept the report.

At 2:35 p.m., Dr. Palmer moved to recess the RSWA Board meeting. The motion was seconded by Mr. Stewart and passed unanimously (6-0).

At 3:02 p.m., Mr. Gaffney called to order the joint session of the Rivanna Solid Waste Authority and Rivanna Water and Sewer Authority.

(See RWSA Board minutes for the joint presentation on safety program updates.)

The joint session concluded at 3:09 p.m. with the RWSA Board adjournment and the RSWA Board meeting continuing.

b. Presentation: Buffer Management Update; Director of Solid Waste, Phil McKalips

Mr. Phil McKalips, Director of Solid Waste, stated he had previously brought to the board the Buffer Management Plan, and at the end of the presentation, he wanted the board to approve the plan he would present.

Mr. McKalips stated to recap, in 2019, the Department of Forestry helped Rivanna prepare a Forestry Stewardship Plan, and the idea behind this was to help the buffers (which are at the Ivy site and located around the landfill cells) stay healthy, vibrant, and effective for many years to come.

Mr. McKalips stated that in May of 2020, Rivanna hired a consulting forester to help them implement this strategy. He stated that in December of 2020, they signed a contract with a local logging company to harvest a portion of the timber. He stated in that area, it was a pine stand that was part of an old pine plantation. He stated Rivanna is now looking around at the remaining borders of the landfill at what are primarily hardwoods.

Mr. McKalips stated the reason they are doing this is to help keep a vibrant, wooded buffer around the facility. He stated they are currently focusing on the hardwood stands that most people see as they drive around the facility. He stated the foresters helped Rivanna come up with a strategy called a "shelterwood harvest".

Mr. McKalips stated the board has probably heard of clear cuts, where everything is cut down, but a shelterwood harvest is not that strategy. He stated the idea with a shelterwood harvest is to identify the healthiest select species of trees and leave them, although they are probably the most valuable timber wood in the stand. He stated these trees function as shade and seed producers for the future regrowth of the forest. He stated they will leave 25 to 35 of these select trees per acre. He stated these will be the parents of the future growth of the forest.

Mr. McKalips stated to give the board an idea of the sense of scale, it takes about 50 to 70 years to complete this cycle, so when they kick off the shelterwood harvest plan, they will harvest many trees. He stated these trees will reseed and grow, and 20 or 30 years from now, they will take out these select parent trees. He stated the buffer will grow back where it is now with a diverse forest in about 50 to 70 years. He stated the slide on the screen showed a simplified graphic of how the process works.

Mr. McKalips stated the reason he was presenting this was that he wanted the board to have a visual idea of what this will look like. He stated as seen in the picture on the slide, this was a normal Eastern Hardwood forest stand. He stated on the right, one could still see a lot of trees, but one could also see that some of the trees left are significantly large trees. He stated they still have a lot of broken shade into the forest floor, but those trees will then be the seed trees for the nursery area.

Mr. McKalips presented another picture of the same concept, noting that one could see (especially due to the skylight) how this has thinned out the forest in this area, with still a lot of trees left.

Mr. McKalips stated there are other considerations at Ivy, which he has seen since he began working there in 2002. He stated "assault" may be a strong word, but it feels that way when walking around parts of the site. He stated there are some invasive species, primarily Autumn Olive and Oriental Bittersweet, which are making inroads into parts of the forest. He stated one of the reasons he was bringing this up was that with the strategy of doing something with the forest buffer, they will need to think about doing it reasonably soon before these invasive species truly do take over the whole understory of the forest.

Mr. McKalips presented some pictures of what he meant. He stated the left-most picture showed an open, mature forest area. He stated the center picture showed a couple of stems of the Autumn Olive, and the right-most picture showed how the Autumn Olive was starting to dominate the forest floor. He stated if they do not get the next generation of trees coming, the parent trees (larger trees) could drop all the seed they want on the forest floor, and none of them will grow past 2 feet tall because they will be shaded out and outcompeted by the Autumn Olive. He stated this is one thing that was pushing his request to take action in the near term.

Mr. McKalips stated in terms of this all working together so they can achieve their goals, he thinks the shelterwood strategy is a viable way to move forward. He stated they will specifically segregate out and keep the good trees they want to have in the future. He stated they will need to do some prep work once they harvest out the remaining trees, including some chemical treatments to help control the Autumn Olives, until the other trees can come back.

Mr. McKalips stated if the board approves this, the next step will be to prepare an RFP, much like they did with the pine clear cut, and put it out on the market to enter into a timber sales agreement. He stated like with the pine cut, it will probably be a two-year term for the contractor to actually implement the harvest.

Mr. McKalips stated that in about 20 years, they can consider harvesting the remaining trees out of the area and thinning out the next-generation trees to select the best of those.

Mr. McKalips concluded his presentation and asked if there were any questions.

Dr. Palmer asked who will be removing and treating the invasive species.

Mr. McKalips replied that they would hire a company to do it, and they would get help with this through the consulting forester. He stated there are different strategies, and in the area where the pine clear cut is (where it will be one large 42-acre area), they can contract with a helicopter to come in and spray it en-masse. He stated in places like in some of the pictures he showed with the select Autumn Olive growing, there are people who can come in with backpack sprayers and machetes, which is called "squirt and slash." He stated they go through and either spray, slash, or do both to the trees or bushes that are left in order to control those, but it is a very select roaming treatment by a contractor.

Dr. Palmer stated she did not know if this was planned to be done or possible, but as someone who spends a lot of time removing invasive species from her own property, she knows that the timing is extremely important, and this is one of the best times of year to slash and spray. She stated there is a group in the area of volunteer invasive species specialists, and it may be helpful to have a conversation with them if Mr. McKalips had not already and cared to do that.

Mr. McKalips stated that he would definitely like to get in touch with the group. He stated there are people who are adamant about not using chemicals that will run goats through.

Dr. Palmer stated there are, but her opinion was that they must use chemicals.

Mr. McKalips stated this was something he could look at in terms of cost.

Dr. Palmer stated if there is only a little Autumn Olive, it can be dug up, but this was not practical here, and she was not suggesting that they not use chemical sprays. She stated one could use a lot less chemical spray, though, if it is done in certain ways and if timing is appropriate. She stated she could email the contact information to Mr. McKalips. She added that goats are great, and she was not belittling them, but this is not always effective in the long term for getting rid of the invasive species, and it can also take several years to get this under control. She stated attacking it aggressively for a couple of years is typically what is needed.

Dr. Palmer stated she wholeheartedly approved the plan and believed it was a great idea.

Mr. Mawyer stated staff would like the board to approve the plan for the shelterwood.

Dr. Palmer moved that the board approve the request for the shelterwood harvesting plan for the IMUC vegetative buffer. Mr. Snook seconded the motion, which carried unanimously (6-0).

10. OTHER ITEMS FROM BOARD/STAFF NOT ON AGENDA

Mr. Gaffney asked if there were any other items from Board or staff not on the agenda.

There were no other items.

543 ***11. CLOSED MEETING***

544 There was no closed meeting.

545

546 ***12. ADJOURNMENT***

547 **At 3:24 p.m., Dr. Palmer moved to adjourn the meeting of the Rivanna Solid Waste**
548 **Authority. Mr. Snook seconded the motion, which passed unanimously (6-0).**

549

DRAFT



RSWA BOARD OF DIRECTORS
Minutes of Regular Meeting
January 25, 2022

A regular meeting of the Rivanna Solid Waste Authority (RSWA) Board of Directors was held on Tuesday, January 25, 2022, at 2:00 p.m. via Zoom.

Board Members Present: Mike Gaffney, Jeff Richardson, Jim Andrews, Brian Pinkston, Stacey Smalls, Lance Stewart.

Board Members Absent: Samuel Sanders, Jr.

Rivanna Staff Present: Bill Mawyer, Lonnie Wood, Deborah Anama, Betsy Nemeth, David Tungate, John Hull, Phil McKalips, Jennifer Whitaker.

Attorney(s) Present: Valerie Long.

1. CALL TO ORDER

Mr. Gaffney convened the January 25, 2022 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:

“This is Mike Gaffney, Chair of the Rivanna Solid Waste Authority. I would like to call the January 25, 2022 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.”

Mr. Gaffney called the roll.

Mr. James H. Andrews stated he was located at Spoon Hill Farm in the Samuel Miller District of Charlottesville.

Mr. Brian Pinkston stated he was located at 1108 St. Charles Court in Charlottesville, VA.

Mr. Jeff Richardson stated he was located at the McIntire County Office Building in Charlottesville, VA.

Mr. Stacey Smalls stated he was located at his home in Chantilly, VA.

Mr. Stewart stated he was located at 401 McIntire Road, Charlottesville, VA (County Office Building).

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, Phil McKalips, Lonnie Wood, Jennifer Whitaker, John Hull, Betsy Nemeth, and Deborah Anama.

Mr. Gaffney stated they were also joined electronically by Valerie Long, Counsel to the Authority.

3. MINUTES OF PREVIOUS BOARD MEETING

a. Minutes of the Regular Meeting of the Board on November 16, 2021

Mr. Gaffney asked Mr. Mawyer if there was a quorum to approve the minutes.

Mr. Mawyer replied that there were only three members who were present at the November meeting.

Mr. Gaffney asked Ms. Long for her assistance.

Ms. Long stated she would recommend waiting until the next meeting to approve the minutes.

(Because of the matter of the quorum, a vote was not taken on the minutes.)

4. RECOGNITION

There were no recognitions.

5. EXECUTIVE DIRECTOR'S REPORT

Mr. Mawyer stated he gave the Board an update on the Strategic Plan goal for solid waste services and in that, he noted that they received about 148 tons per day of MSW (municipal solid waste) and construction demolition debris in November, and about 145 tons per day in December. He stated as they have talked about over several months, this is probably the highest rate they have had. He presented a graph showing an orange line. He stated 2021 was the highest tonnage received at the new transfer station and likely, the old transfer station. He stated the Board is meeting its goal of increasing tonnage through the transfer facility.

Mr. Mawyer stated he wanted to recognize Mr. Chuck Fuss, who is an employee of Solid Waste who recently obtained his CDL driver's license. He stated now, Mr. Fuss can drive the roll-off trucks that transport the large metal recycling containers at McIntire and Ivy. He stated the

Authority appreciates Mr. Fuss doing this, adding that this is a state license he had to acquire through the DMV. He stated licensed operators are very tough to find and hire, so the Authority appreciates Mr. Fuss showing the initiative to get his CDL license.

Mr. Mawyer stated the Authority received a small grant of \$38,120 from the Department of Environmental Quality (DEQ) Division of Land Protection and Revitalization for the FY 22 Litter Prevention and Recycling Program. He stated the Authority appreciates Mr. McKalips' effort in applying for the grant.

Mr. Mawyer stated work continues on the Keene Convenience Center and hope to have the construction complete and the center open for use towards the end of calendar 2022.

Mr. Mawyer stated he also wanted to thank Mr. McKalips (Director of Solid Waste), Mr. David Rhoades (IMUC Facility Manager), and Mr. Russ Blankenstein (Assistant Manager) for working along with Mr. Stewart and Mr. Smalls to pull together the Vegetative Debris Disposal Program that was hosted at Ivy. He stated through the program, they had over 1,100 vehicles from the City and County bring about 400 tons of vegetative debris to the landfill, where the debris is made into mulch and sold. He complimented Mr. McKalips and his staff for pulling this program together rather quickly, after the large snow. He stated this was the first week in January, when all the trees came down, and the program was a great success.

Mr. Mawyer concluded his report.

Mr. Gaffney stated 400 tons is a lot of tonnage. He asked if there were any comments or questions for Mr. Mawyer.

Mr. Stewart asked if the grant will be applied to the current fiscal year or to a future fiscal year.

Mr. Mawyer replied it was the current fiscal year.

Mr. Richardson stated he wanted to thank the solid waste and recycling staff at Ivy MUC. He stated Mr. Mawyer came before the Board of Supervisors to give his quarterly report and as always, did a good job of connecting with the Supervisors and staff on the important things that are happening at Rivanna.

Mr. Richardson stated aside from that, as the Board knows, there was a significant amount of debris from the winter storm on January 3, and the County Board of Supervisors made a decision to waive fees at Ivy through January 24 to help with the debris cleanup. He stated as always is the case, Mr. Mawyer and his staff were extremely responsive and helpful. He stated the last report the County had from the prior week was that there were 911 County residents who had brought 330 tons of material. He stated this was quite the response and a lot of work for Mr. Mawyer, Mr. McKalips, and their team, and he wanted to give them a public thank-you to them for their response.

Mr. Mawyer stated if he had not made it clear, the residents who brought the debris did not have to pay any fee. He stated the County and the City are sponsoring those costs.

Mr. Gaffney stated this is a great program.

6. ITEMS FROM THE PUBLIC

Mr. Gaffney opened Items from the Public. He asked any speakers to identify themselves for the public record and noted that they each had three minutes to speak. He asked Mr. Hull if there was anyone from the public who wished to speak.

Mr. Hull replied that Ms. Kimber Hawkeye wished to speak.

Mr. Gaffney stated Ms. Dede Smith sent him a message stating that she wished to speak at the RWSA Board meeting and perhaps not at the RSWA Board meeting.

Mr. Gaffney asked Ms. Hawkeye if she wanted to speak at the RWSA Board.

Ms. Hawkeye replied yes and asked if this was not the right time to talk.

Mr. Gaffney replied no as the meeting was currently of the RSWA.

Ms. Hawkeye apologized and stated she would check in later.

7. RESPONSES TO PUBLIC COMMENT

As there were no items from the public, there were no responses.

8. CONSENT AGENDA

a. Staff Report on Finance

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

c. Approval of Cost-of-Living Increase

Mr. Mawyer requested that the Board defer Item C ("Approval of Cost-of-Living Increase") as they would talk about this with the RWSA Board during the discussion of the Classification and Compensation Study.

Mr. Gaffney stated they would move Consent Agenda Item C to RWSA Board Agenda Item 9b. He asked if anyone wanted to pull the remaining items for comments or questions and heard none.

Mr. Stewart moved that the Board approve the Consent Agenda as presented. The motion was seconded by Mr. Andrews and passed unanimously (6-0). (Mr. Sanders was absent.)

9. OTHER BUSINESS

a. Presentation: Large Clean Fill Project Program

Mr. Phil McKalips, Director of Solid Waste, stated he wanted to speak about the Large Clean Fill Project Program for the Board's consideration. He stated it has been developed, and RSWA would like to run a pilot, as well as see if they can institute a rate change in the fee schedule.

Mr. McKalips stated for background, RSWA has been approached about three times in the past 12 months by regional and local large construction firms (i.e., Faulkner Construction, Curtis Construction), and the firms have been looking to find a site for disposal of clean fill from some large projects. He stated the firms feel that the \$10 fee that is normally charged at the IMUC is prohibitive for these large projects, so they wanted to see if there was some way that if they did all the grading, placement, and backfill they can come up with a reduced fee.

196
197 Mr. McKalips stated staff has looked at this and thought about different options. He stated they
198 spoke with counsel, and for a variety of reasons (including maintaining transparency and equal
199 opportunities in the community, as well as avoiding public procurement conflicts), they decided that
200 a rate change would be the preferred way to go forward.
201

202 Mr. McKalips stated the Large Clean Fill Project rate would be targeted towards large-scale
203 projects, such as those that generate 10,000 tons of clean fill material. He explained that clean fill is
204 different from MSW or construction debris. He stated the County refers to clean fill as “inert fill” in
205 their ordinances, and it includes things like brick block, asphalt, dirt, and uncontaminated soil. He
206 stated it does not include roots, grass, or any organics as this is inert material.
207

208 Mr. McKalips stated staff is looking at larger projects and thinks that they want to stick with
209 projects that have a project life of 90 to 120 days. He stated these would be projects where the
210 contractor would not be put off by helping with stormwater controls, obtaining performance bonds,
211 and the like.
212

213 Mr. McKalips stated the reason they expect someone would be interested in this is because the \$10
214 fee is high for many local contractors. He stated in addition to this, and where staff sees this as
215 providing a public service and meeting a need in the community, Albemarle County has instituted
216 an ordinance to control the placement of clean fill around the County. He stated contractors are
217 looking to find a place where they can place the material appropriately. He stated staff thinks this is
218 a very valuable opportunity for the local community.
219

220 Mr. McKalips stated they are looking at projects with a 10,000-ton minimum. He stated contractors
221 will place the fill, at least initially, in the old Cell 4 excavation area, which was a landfill cell that
222 was excavated but never constructed and is to the north of Cell 3.
223

224 Mr. McKalips stated the contractor would provide all the compaction and placement effort, which
225 RSWA currently does for the clean fill that comes in now, so RSWA would not have any of those
226 costs. He stated the contractor will also provide stormwater controls, seeding, and compaction. He
227 stated that to ensure this would all get done adequately, the contractor would have to post a
228 performance bond through the life of the project.
229

230 Mr. McKalips presented a map of Ivy, with the entrance down on the lower edge of the figure. He
231 explained that Cell 4 was going to be a landfill cell but was never constructed.
232

233 Mr. McKalips presented a detailed map of the area. He stated that over the next three slides, he
234 would show the Board how this fill operation would progress. He stated they would start in the
235 clean fill area to the western side, bringing fill in and up, then also wrapping slowly around to the
236 east.
237

238 Mr. McKalips stated stormwater controls are being integrated into this. He stated these have been
239 designed by RSWA’s landfill engineer.
240

241 Mr. McKalips presented a map showing how the whole area would be built out. He stated they are
242 looking at the area containing, more or less, 200,000 cubic yards of material, which equates to about
243 400,000 tons, at the recommended tipping fee of \$3.50 per ton, which would be about \$1.4 million
244 worth of revenue. He stated staff believes that based on what contractors are saying in the area, this
245 would last about five to ten years, so this would be filled up by about 2033.

246
247 Mr. McKalips stated there needs to be a public hearing for a rate schedule change at the next RSWA
248 Board meeting on March 22. He stated there is a project from Faulkner Construction that staff
249 would like to use as a pilot, which is the Upper-Class Housing 2 project that will produce 20,000
250 tons, although the latest he had heard was that it may produce 40,000 tons of clean fill material. He
251 stated the project is expected to start at the beginning of February. He stated staff would like to use
252 this as a pilot for the concept and see if they need to adapt or modify the program to make it viable.

253
254 Mr. McKalips asked the Board if there were any questions.

255
256 Mr. Gaffney asked if the level of the fill will be even with the existing road or if it will go higher.

257
258 Mr. McKalips replied that he would like it to be even with the existing road. He stated this would
259 fill in the old cell and not bring it up any higher. He stated it would not be as high as the adjacent
260 landfill cell.

261
262 Mr. Gaffney asked if there will be someone out there hired by each of the contractors to do the
263 compaction study.

264
265 Mr. McKalips stated this was correct and would happen every day. He stated compaction is a
266 somewhat difficult thing to specify when talking about clean fill because it can be soil, for which
267 there are specifications for compaction. He stated sometimes, there can be unsuitable soil, meaning
268 that it chemically or geologically does not compact well, and RSWA takes this material now. He
269 stated clean fill also includes things like concrete and asphalt, and they do not have a well-defined
270 ability to make a specification for compaction, so he could not say that this would all be compacted,
271 for instance, to 95% of standard proctor, but would be compacted.

272
273 Mr. McKalips stated that in the clean fill, they will make sure they do not have major settlement or
274 voids where if they do get plastic or softer material, they spread it out so that it does not create a
275 management problem over the long haul.

276
277 Mr. Gaffney asked if no rebar would be put in.

278
279 Mr. McKalips replied that rebar is allowed, but it is not allowed to stick outside of the concrete
280 more than 4 inches. He stated this is what DEQ has specified all along. He stated if one has seen
281 rebar from a demolition site and sees long stringer of rebar hanging out, those need to be cut off
282 before they are brought to the facility.

283
284 Mr. Stewart stated he had a question he would ask for the group as much as anything, with new
285 Board members present. He asked Mr. McKalips if he could clarify where those revenues go and
286 what the impact is on budgets for the City, County, and UVA.

287
288 Mr. Lonnie Wood stated that clean fill is a revenue source for the Ivy Operations cost center. He
289 stated revenues would reduce the net deficit the County pays for now. He stated the City is not part
290 of that cost center.

291
292 Mr. Gaffney stated there was a request for a resolution and asked if a Board member wanted to
293 make this request.

294

295 **Mr. Stewart moved to authorize the advertisement of a public hearing on March 22, 2022 to**
296 **revise the tipping fee schedule and include a new Large Project Clean Fill fee of \$3.50 per ton,**
297 **and to authorize the Executive Director to develop a new Large Project Clean Fill Program**
298 **and move forward immediately with a pilot project with Faulkner Construction Company.**
299 **The motion was seconded by Mr. Andrews and passed unanimously (6-0). (Mr. Sanders was**
300 **absent.)**

301
302 Mr. Mawyer thanked the Board members as well as Mr. McKalips and his staff for coming up with
303 another good idea in coordination with the Strategic Plan goal to optimize operations.

304
305 *(recess RSWA in a JOINT SESSION with the RWSA)*
306

307 **At 2:28 p.m., moved to recess the meeting of the Rivanna Solid Waste Authority Board. Mr.**
308 **Smalls seconded the motion, which passed unanimously (6-0). (Mr. Sanders was absent.)**

309
310 **At 3:55 p.m., Mr. Pinkston moved to reconvene the Rivanna Solid Waste Authority Board.**
311 **Mr. Andrews seconded the motion, which passed unanimously (6-0). (Mr. Sanders was**
312 **absent.)**

313
314 (See RWSA Board minutes for joint meeting presentations and motions.)
315

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

317
318 Mr. Gaffney asked if there were any other items from Board or staff not on the agenda.

319
320 Ms. Long pointed out that the RSWA had not yet approved the minutes from the prior month due to
321 the procedural question that they had earlier. She stated if the Board liked, she could provide some
322 guidance on that, or they could carry that over to the next month.

323
324 Mr. Gaffney suggested to carry it over to the next meeting.
325

326 ***11. CLOSED MEETING***

327 There was no closed meeting.
328

329 ***12. ADJOURNMENT***

330 **At 5:10 p.m., Mr. Andrews moved to adjourn the meeting of the Rivanna Solid Waste**
331 **Authority. Mr. Smalls seconded the motion, which passed unanimously (6-0). (Mr. Sanders**
332 **was absent.)**
333

MEMORANDUM

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

FROM: BILL MAWYER, EXECUTIVE DIRECTOR

SUBJECT: EXECUTIVE DIRECTOR'S REPORT

DATE: MARCH 22, 2022

STRATEGIC PLAN GOAL: SOLID WASTE SERVICES

Use of the Ivy Materials Utilization Center:

January 2022

Vehicles

5,029

Avg MSW & CDD Tons/Day

114

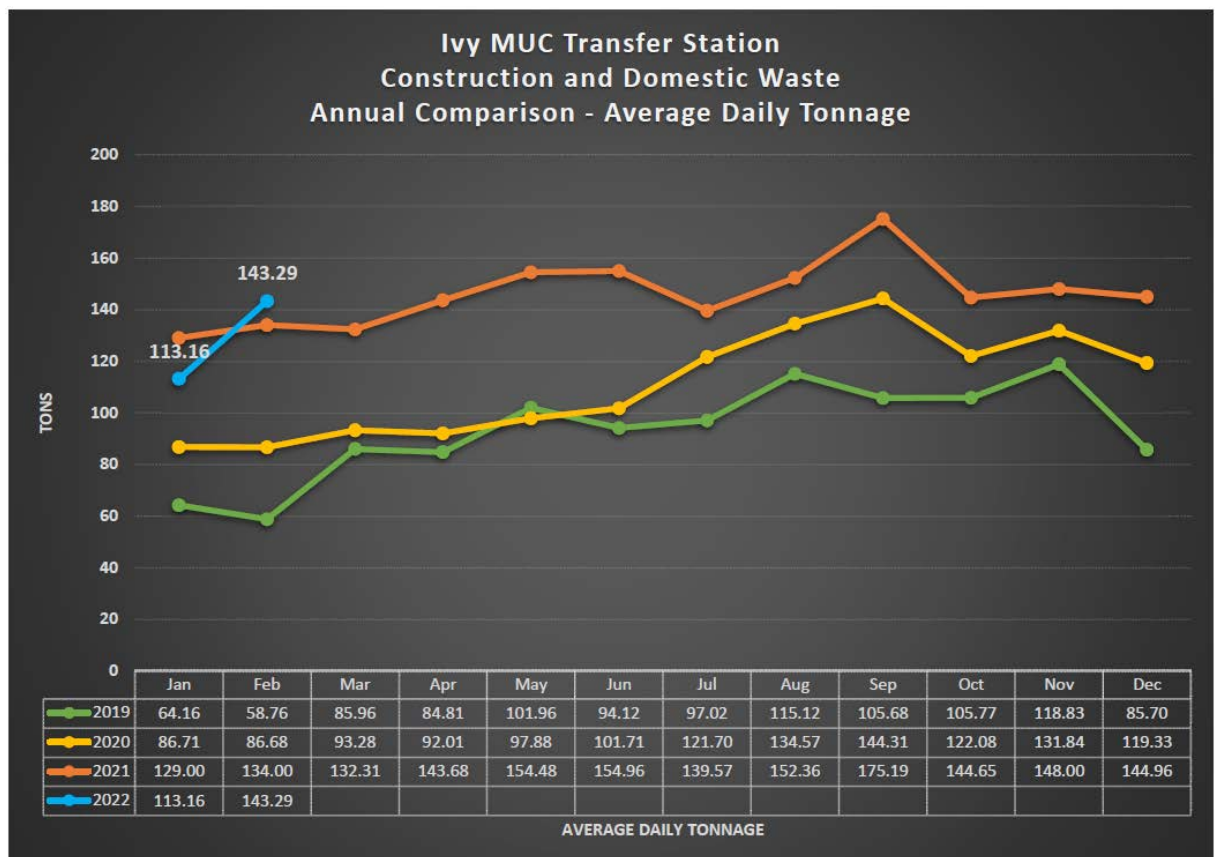
February 2022

Vehicles

6056

Avg MSW & CDD Tons/Day

144



STRATEGIC PLAN GOAL: WORKFORCE DEVELOPMENT

Safety Certification: Liz Coleman, Safety Manager

We congratulate Liz in completing a professional safety certification. This is a designation for occupational safety and health specialists to be successful in preventing safety violations and promoting a safe work environment. The Certified Safety Professional certification is offered by the Board of Certified Safety Professionals, and is considered one of the top ten best Environmental Health and Safety certifications available. RWSA supported Liz with reimbursement of eligible expenses through our “Advanced Development Training” program.

STRATEGIC PLAN GOAL: ENVIRONMENTAL STEWARDSHIP

“Mulch Madness” Mulch Give-Away

Starting on March 5, RSWA began a “Mulch Madness” mulch give-away program to help reduce our stocks of double-ground mulch resulting from the free storm debris disposal program sponsored by the City and the County. Through April 16, we are offering up to two tons of mulch free to each customer. As of March 15, 2022, we have given away 695 tons.

STRATEGIC PLAN GOAL: INFRASTRUCTURE AND MASTER PLANNING

Large Clean Fill Project Pilot

Initiated on February 18, 2022 with Faulconer Construction, the Large Clean Fill Project Pilot has been proceeding successfully. This pilot was developed to evaluate the potential to create a new Large Clean Fill Project tipping fee on our Fee Schedule that would allow contractors bringing in greater than 10,000 tons from one project to apply for approval to utilize a tipping fee of \$3.50 per ton for disposal of clean fill material. So far, this pilot is indicating that this program is viable. As of March 15, 2022, Faulconer has brought in 14,139 tons of clean fill during the pilot. This has generated \$49,486 in additional revenue.



MEMORANDUM

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

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

REVIEWED: BILL MAWYER, EXECUTIVE DIRECTOR

SUBJECT: JANUARY 2022 FINANCIAL SUMMARY

DATE: MARCH 22, 2022

The results of operations and remediation activities for the first 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	\$ 2,077,757	\$ -	\$ 2,077,757
Total Expenses	<u>(3,080,078)</u>	<u>(518,819)</u>	<u>(3,598,897)</u>
Net operating results	(1,002,321)	(518,819)	(1,521,140)
Support - MOU & Local	<u>1,409,033</u>	<u>747,866</u>	<u>2,156,899</u>
Surplus/(Deficit)	<u><u>\$ 406,712</u></u>	<u><u>\$ 229,047</u></u>	<u><u>\$ 635,759</u></u>

Total operating revenue through January was \$597,000 over budget, and total operating expenses were \$510,000 over budget. The Authority has processed 41,207 tons of waste and recycling products this fiscal year. A breakdown of net revenue or cost per ton, including overhead and administrative support costs, is shown below.

	<u>Ivy MSW</u>	<u>Ivy - Other</u>	<u>Recycling</u>	<u>Total</u>
Tonnage	26,116	13,561	1,530	41,207
Net operating revenue (costs)	\$ (483,680)	\$ (66,723)	\$ (451,917)	\$ (1,002,320)
Net revenue (cost) per ton	\$ (18.52)	\$ (4.92)	\$ (295.37)	\$ (24.32)

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	\$ 334,800	310,797	\$ 334,800	310,797	1,833,400 1,431,006							
Ivy MSW Transfer Tipping Fees	1,833,400	1,431,006			1,833,400 1,431,006							
Material Sales-Ivy	110,000	53,640	110,000	53,640								
Recycling Revenues	156,300	203,852					20,000	21,866	136,300	181,986		
Other Revenues	93,000	63,754			93,000	63,754						
Interest & Fees	10,400	14,709									10,400	14,709
Total Revenues Budget vs. Actual*	\$ 2,537,900	\$ 2,077,757 81.87%	\$ 444,800	\$ 364,437 81.93%	\$ 1,926,400	\$ 1,494,760 77.59%	\$ 20,000	\$ 21,866 109.33%	\$ 136,300	\$ 181,986 133.52%	\$ 10,400	\$ 14,709 141.43%
EXPENSES												
Ivy Operations	518,796	318,539	518,796	318,539								
Ivy MSW Transfer	2,414,696	1,865,820			2,414,696	1,865,820						
Ivy Convenience Center	314,473	193,756					314,473	193,756				
Recycling Operations	581,368	371,917							581,368	371,917		
Administration	834,506	465,189									834,506	465,189
Total Expenses Budget vs. Actual*	\$ 4,663,839	\$ 3,215,222 68.94%	518,796	318,539 61.40%	2,414,696	1,865,820 77.27%	314,473	193,756 61.61%	581,368	371,917 63.97%	834,506	465,189 55.74%
Net Results Before Administrative Allocation	\$ (2,125,939)	\$ (1,137,465)	\$ (73,996)	\$ 45,897	\$ (488,296)	\$ (371,060)	\$ (294,473)	\$ (171,890)	\$ (445,068)	\$ (189,931)	\$ (824,106)	\$ (450,480)
Administrative allocations: Administrative costs to Envir. MOU (below)	247,232	135,144									247,232	135,144
Administrative costs to Operations	-	-	(206,027)	(112,620)	(206,027)	(112,620)	-	-	(164,821)	(90,096)	576,874	315,336
Net Operating Income (Loss)	\$ (1,878,707)	\$ (1,002,320)	\$ (280,023)	\$ (66,723)	\$ (694,323)	\$ (483,680)	\$ (294,473)	\$ (171,890)	\$ (609,889)	\$ (280,027)	\$ -	\$ -
Other Funding Sources												
Local Government Contributions	1,878,707	1,409,033										
County Contribution - Capital Grant	1,100,000	-										
Transfer to Capital Fund - Southern Recycling Center	(1,100,000)	-										
Surplus (Deficit) - Operations	\$ -	\$ 406,713										

<u>Environmental Programs</u>		
	Budget	Actual Y-T-D
REVENUES		
Remediation Support	1,020,496	747,866
Total Revenues	1,020,496	747,866
Budget vs. Actual*		73.28%
EXPENSES		
Ivy Environmental	773,264	383,675
Administrative Allocation	247,232	135,144
	1,020,496	518,819
Budget vs. Actual*		50.84%
Cash Reserves Used	-	-
Surplus (Deficit) - Environmental	\$ -	\$ 229,047
Total Surplus (Deficit)	\$ -	\$ 635,759

**Rivanna Solid Waste Authority
Monthly Financial Status Report
FY 2022**

	July	August	September	October	November	December	January	Year-to-Date
<u>Revenues</u>								
Ivy Operations Tipping Fees	\$ 35,994	\$ 38,495	\$ 39,946	\$ 38,191	\$ 62,475	\$ 43,706	\$ 51,990	\$ 310,797
Ivy MSW Transfer Tipping Fees	197,270	217,069	239,559	208,308	205,042	208,081	155,677	1,431,006
Ivy Material Sales	7,680	9,230	10,013	8,972	7,272	6,049	4,424	53,640
Ivy Convenience Center	-	-	9,176	-	-	12,690	-	21,866
Recycling	12,816	16,292	10,331	28,198	33,568	59,341	21,439	181,986
Other Revenues	16,510	9,031	9,570	7,508	6,879	7,770	6,486	63,754
Interest & Late Fees	2,463	1,914	2,783	3,492	1,133	414	2,509	14,709
Total Revenues	\$ 272,733	\$ 292,031	\$ 321,377	\$ 294,670	\$ 316,369	\$ 338,051	\$ 242,526	\$ 2,077,757
<u>Expenses</u>								
Ivy Operations	\$ 33,561	\$ 33,911	\$ 104,383	\$ 44,749	\$ 35,402	\$ 29,580	\$ 36,952	\$ 318,539
Ivy Environmental	37,298	50,978	53,561	71,467	32,769	92,418	45,185	383,675
Ivy MSW Transfer	145,425	351,638	226,868	335,377	263,567	216,721	326,225	1,865,820
Ivy Convenience Center	23,687	22,962	29,206	36,397	26,709	28,379	26,417	193,756
Recycling Operation	57,427	47,534	62,637	54,115	41,028	51,212	57,963	371,917
Administration	64,067	62,839	63,892	70,088	64,676	65,339	74,289	465,189
Total Expenses	\$ 361,466	\$ 569,861	\$ 540,547	\$ 612,192	\$ 464,152	\$ 483,648	\$ 567,031	\$ 3,598,897
Net Operating Income (Loss)	\$ (88,733)	\$ (277,830)	\$ (219,170)	\$ (317,522)	\$ (147,782)	\$ (145,597)	\$ (324,506)	\$ (1,521,140)
<u>Other Funding Sources</u>								
Local Government Contributions	\$ 423,936	\$ 45,742	\$ -	\$ 469,678	\$ -	\$ -	\$ 469,678	\$ 1,409,033
Remediation Support and Revenue	223,577	79,033	-	222,628	-	-	222,628	747,866
<u>Use of Cash Reserves</u>	-	-	-	-	-	-	-	-
Surplus (Deficit)	\$ 558,780	\$ (153,056)	\$ (219,170)	\$ 374,783	\$ (147,782)	\$ (145,597)	\$ 367,800	\$ 635,759

Rivanna Solid Waste Authority
Fiscal Year 2022
January 2022
Revenue Detail Report

Revenue Line Item

IVY TIPPING FEES

	Budget FY 2022	Actual YTD
Clean Fill Material	9,000	9,671
Grindable Vegetative Material	4,000	3,620
Tires, Whole	120	59
Tires/White Good (per item)		
<i>Subtotal</i>	13,120	13,350

IVY TRANSFER STATION

Compost Services	500	206
MSW Transfer Station	33,200	26,117
<i>Subtotal</i>	33,700	26,323

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		

Revenue

Budget FY 2022	Budget YTD	Actual YTD	Budget vs. Actual	Variance %
\$ 90,000	\$ 52,500	\$ 96,270	\$ 43,770	83.37%
192,000	112,000	176,327	64,327	57.43%
22,800	13,300	11,260	(2,040)	-15.34%
30,000	17,500	26,940	9,440	53.94%
\$ 334,800	\$ 195,300	\$ 310,797	\$ 115,497	59.14%

\$ 89,000	\$ 51,917	\$ 36,637	\$ (15,280)	-29.43%
1,744,400	1,017,567	1,394,369	376,802	37.03%
\$ 1,833,400	\$ 1,069,483	\$ 1,431,006	\$ 361,523	33.80%

\$ 20,000	\$ 11,667	\$ 5,328	\$ (6,339)	-54.33%
40,000	23,333	22,575	(759)	-3.25%
30,000	17,500	18,137	637	3.64%
20,000	11,667	7,600	(4,067)	-34.86%
-	-	-	-	
\$ 110,000	\$ 64,167	\$ 53,640	\$ (10,527)	-16.41%

\$ 20,000	\$ 11,667	\$ 21,866	\$ 10,199	87.42%
\$ 20,000	\$ 11,667	\$ 21,866	\$ 10,199	87.42%

\$ 105,300	\$ 61,425	\$ 137,284	\$ 75,859	123.50%
6,000	3,500	4,582	1,082	30.91%
25,000	14,583	40,120	25,537	175.11%
\$ 136,300	\$ 79,508	\$ 181,986	\$ 102,477	128.89%

\$ 85,000	\$ 49,583	\$ 52,034	\$ 2,451	4.94%
8,000	4,667	11,720	7,053	151.14%
\$ 93,000	\$ 54,250	\$ 63,754	\$ 9,504	17.52%

\$ 2,200	\$ 1,283	\$ 49	\$ (1,234)	-96.15%
1,200	700	11,945	11,245	1606.47%
2,000	1,167	898	(269)	-23.02%
5,000	2,917	1,816	(1,101)	-37.74%
\$ 10,400	\$ 6,067	\$ 14,709	\$ 8,642	142.45%
\$ 2,537,900	\$ 1,480,442	\$ 2,077,757	\$ 597,315	40.35%

\$ 79,982	\$ 46,656	\$ 79,982	\$ 33,326	71.43%
574,381	335,056	430,785	95,729	28.57%
316,132	184,410	237,099	52,689	28.57%
50,000	29,167	-	(29,167)	
\$ 1,020,495	\$ 595,289	\$ 747,866	\$ 152,577	25.63%

Rivanna Solid Waste Authority Historical Material Tonnage Report - Recycling Fiscal Years 2018-2022
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Fiscal Year 2018	Fiscal Year 2019	Fiscal Year 2020	Fiscal Year 2021	Fiscal Year 2022 (Jul-Jan)
------------------------	------------------------	------------------------	------------------------	-------------------------------------

In U.S. Tons

Fiber Products

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

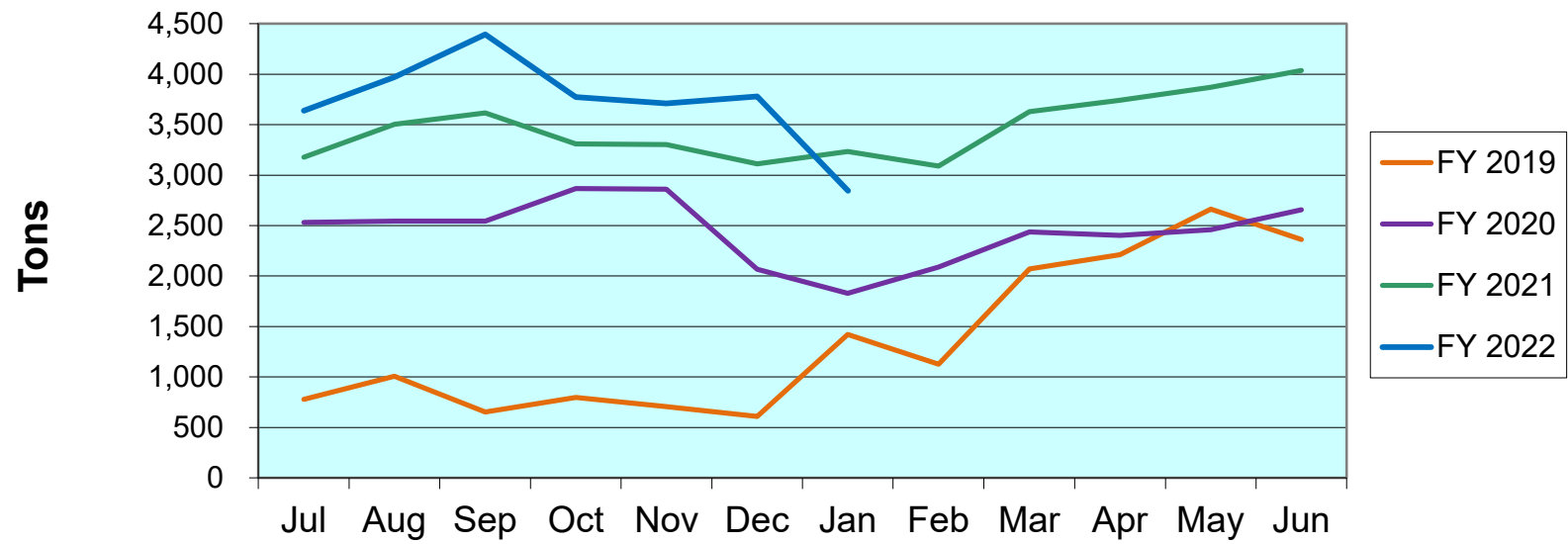
424	427	120	-	-
763	807	560	843	548
187	265	792	777	444
111	128	77	22	-
Total Fiber Products	1,485	1,627	1,549	1,642
				992

Other Products

Glass
Metal Cans
Plastic

252	411	467	564	400
41	58	54	92	53
103	127	114	146	85
Total Other Products	396	596	635	802
Total	1,881	2,223	2,184	2,444
				1,530

**Rivanna Solid Waste Authority
Ivy MSW Transfer Tonnages
FY 2019 - 2022**



January 1-31, 2022

Days of

Operation: 25

Operation: 25		MSW collected at Transfer Station (tons)						Non-MSW
	Vehicles	Count	Citizen-Can	Construction	Domestic	MSW Total	Total Tons	
01/01/22	Saturday					-		
01/02/22	Sunday					-		
01/03/22	Monday	3	3	-	-	1.14	1.14	
01/04/22	Tuesday	40	39	0.87	0.10	54.70	55.67	
01/05/22	Wednesday	119	133	0.45	0.84	95.03	96.32	
01/06/22	Thursday	211	234	0.76	28.88	100.89	130.53	
01/07/22	Friday	136	167	0.53	11.00	69.35	80.88	
01/08/22	Saturday	270	377	1.45	7.68	21.38	30.51	
01/09/22	Sunday					-		
01/10/22	Monday	339	447	0.73	32.38	251.54	284.65	
01/11/22	Tuesday	313	361	0.40	24.17	91.78	116.35	
01/12/22	Wednesday	337	423	0.57	37.40	103.02	140.99	
01/13/22	Thursday	391	467	0.62	32.32	183.26	216.20	
01/14/22	Friday	422	488	0.97	49.24	114.91	165.12	
01/15/22	Saturday	470	559	1.30	10.72	34.07	46.09	
01/16/22	Sunday					-		
01/17/22	Monday	21	21		1.62	9.41	11.03	
01/18/22	Tuesday	93	102	0.55	11.31	117.18	129.04	
01/19/22	Wednesday	135	156	0.23	33.30	80.59	114.12	
01/20/22	Thursday	129	158	0.34	38.56	99.00	137.90	
01/21/22	Friday	162	184	0.52	18.09	114.57	133.18	
01/22/22	Saturday	178	262	0.68	5.49	22.71	28.88	
01/23/22	Sunday					-		
01/24/22	Monday	224	259	0.48	30.03	192.54	223.05	
01/25/22	Tuesday	204	233	0.42	38.84	68.51	107.77	
01/26/22	Wednesday	203	254	0.48	52.96	95.92	149.36	
01/27/22	Thursday	172	208	0.47	18.64	112.97	132.08	
01/28/22	Friday	191	235	0.31	41.97	71.84	114.12	
01/29/22	Saturday	92	106	0.39	0.37	9.69	10.45	
01/30/22	Sunday					-		
01/31/22	Monday	174	200	0.38	28.40	158.65	187.43	
Total		5,029	6,076	13.90	554.31	2,274.65	2,842.86	
Average		201	243	0.56	22.17	90.99	113.71	
Median		178	233	0.52	26.29	95.03	116.35	
Maximum		470	559	1.45	52.96	251.54	284.65	
Minimum		3	3	0.23	0.10	1.14	1.14	

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

February 1-28, 2022

Days of

Operation: 24

Operation: 24			MSW collected at Transfer Station (tons)				Non-MSW
	Vehicles	Count	Citizen-Can	Construction	Domestic	MSW Total	Total Tons
02/01/22 Tuesday	179	244	0.38	55.64	81.88	137.90	50.26
02/02/22 Wednesday	227	319	0.47	37.28	93.32	131.07	103.84
02/03/22 Thursday	133	172	0.17	24.51	156.51	181.19	20.28
02/04/22 Friday	141	147	0.38	59.56	74.39	134.33	2.10
02/05/22 Saturday	271	364	0.88	10.25	28.70	39.83	30.11
02/06/22 Sunday						-	
02/07/22 Monday	232	271	0.59	78.15	171.13	249.87	200.41
02/08/22 Tuesday	243	283	0.43	40.93	115.15	156.51	233.82
02/09/22 Wednesday	219	296	0.34	43.11	63.02	106.47	186.80
02/10/22 Thursday	247	264	0.43	48.57	110.95	159.95	76.41
02/11/22 Friday	274	378	0.45	65.01	89.94	155.40	61.42
02/12/22 Saturday	347	432	0.25	7.72	43.06	51.03	31.51
02/13/22 Sunday						-	
02/14/22 Monday	197	251	0.33	51.75	176.53	228.61	124.04
02/15/22 Tuesday	194	215	0.41	24.88	99.13	124.42	113.58
02/16/22 Wednesday	211	228	0.38	43.49	100.60	144.47	54.30
02/17/22 Thursday	227	254	0.30	41.07	137.63	179.00	64.61
02/18/22 Friday	297	387	0.43	52.71	127.20	180.34	542.79
02/19/22 Saturday	377	408	0.76	8.34	31.64	40.74	728.03
02/20/22 Sunday						-	
02/21/22 Monday	374	403	0.32	55.95	181.56	237.83	1,009.44
02/22/22 Tuesday	254	260	0.26	35.92	95.38	131.56	747.18
02/23/22 Wednesday	230	243	0.38	35.61	94.12	130.11	263.51
02/24/22 Thursday	268	302	0.40	31.00	111.56	142.96	761.53
02/25/22 Friday	271	335	0.56	40.35	64.33	105.24	635.17
02/26/22 Saturday	343	432	0.90	21.51	29.81	52.22	25.41
02/27/22 Sunday						-	
02/28/22 Monday	300	312	0.32	68.85	179.17	248.34	256.64
						-	
						-	
						-	
						-	
Total	6,056	7,200	10.52	982.16	2,456.71	3,449.39	6,323.19
Average	252	300	0.44	40.92	102.36	143.72	263.47
Median	245	290	0.39	41.00	97.26	140.43	118.81
Maximum	377	432	0.90	78.15	181.56	249.87	1,009.44
Minimum	133	147	0.17	7.72	28.70	39.83	2.10

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 22, 2022

Ivy Material Utilization Center (IMUC) : DEQ Permit 132: 450 tons/day MSW limit

January 2022

- **5,029 vehicles crossed the scales**
- The IMUC transfer station operated 25 days and received a total of 2,842.86 tons of municipal solid waste (MSW), an average of 113.71 tons per day of operation. The monthly transfer station tonnage figures are attached to this report.
- 1,828.55 tons of non-MSW materials were received
- 4,671.41 tons were received as a combined total tonnage (MSW + non-MSW)

February 2022

- **6,056 vehicles crossed the scales**
- The IMUC transfer station operated 24 days and received a total of 3,449.39 tons of municipal solid waste (MSW), an average of 143.72 tons per day of operation. The monthly transfer station tonnage figures are attached to this report.
- 6,323.19 tons of non-MSW materials were received
- 9,772.58 tons were received as a combined total tonnage (MSW + non-MSW)

Paint Collection:

As of February 7, 2022, the Ivy MUC has shipped 44 containers of paint cans. Each container holds about 4,200 one-gallon paint cans; therefore, we have shipped about 184,800 paint cans since the program began in August 2016. 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.

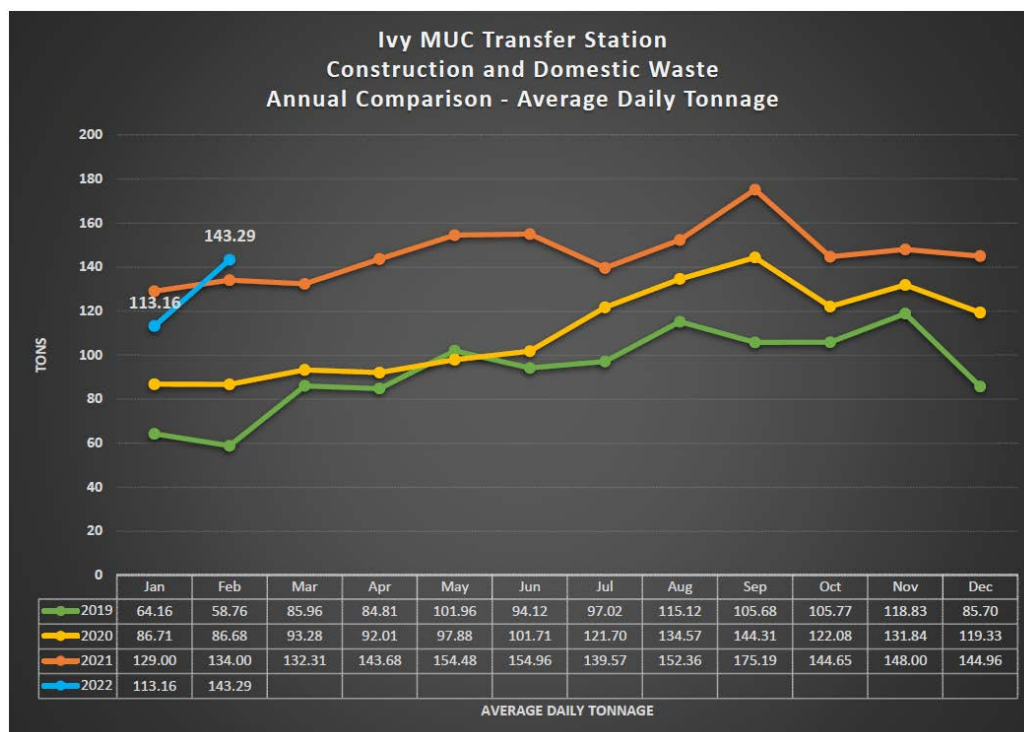
The McIntire Recycle Center received 9.76 tons of compostable materials from residents in January. The McIntire Recycle Center received 9.00 tons of compostable materials from residents in February. The Ivy Convenience Center received 0.48 tons of compostable materials from residents in January. The Ivy Convenience Center received 0.30 tons of compostable materials from residents in February.

Compost Sales at Ivy:

On April 17, 2020, compost sales began at Ivy (McGill Composting SoilBuilder®). As of March 5, 2022, 336 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 \$51.87 per ton, as well as defray other costs including administration, equipment, fuel, labor, etc.

Transfer Station Update

Our average daily tonnages generally continue to follow seasonal trends as shown on the following figure.



“Mulch Madness” Mulch Give-Away

Starting on March 5, RSWA began a “Mulch Madness” mulch give-away program to help reduce our stocks of double-ground mulch. Through April 16, we are offering up to two tons of mulch free to each customer. We would like to reduce our stocks of mulch by 750 to 1,000 tons. As of March 8, 2022, we have given away 282.06 tons.

Our reason for wanting to reduce our mulch stocks is two-fold. One we need the space to continue to receive vegetative waste from the community. And two, ending in January 2022, we ground 3,261 tons of vegetation. In past years this number would be approximately 2,400 tons or less. This has in turn caused us to have much greater quantities of mulch on hand than we really want to. It takes significant effort to maintain the ground mulch to avoid generating hot-spots and even fires.

These are Photos of the Existing Mulch Piles at Ivy.



Large Clean Fill Project Pilot

Initiated on February 18, 2022 with Faulconer Construction, the Large Clean Fill Project Pilot has been proceeding successfully. This pilot was developed to evaluate the potential to create a new Large Clean Fill Project tipping fee on our Fee Schedule that would allow contractors bringing in greater than 10,000 tons from one project to apply for approval to utilize a tipping fee of \$3.50 per ton for disposal of clean fill material. To obtain access to this tipping fee, the contractor must provide all the labor, materials, and equipment to place and compact the clean fill materials, establish defined stormwater controls, maintain site roads, and establish post-project vegetation.

So far, this pilot is indicating that this program is viable. The only concerns that have arisen so far are a need to maintain clear communication with the contractor so that the number of trucks arriving each day can be well spaced and, if needed, limited to some degree. So far this communication with Faulconer has worked well but we'll need to be aware of this issue as new contractors utilize this program.

As of March 8, 2022, Faulconer has brought in 8,537.17 tons of clean fill during the pilot. This has generated \$29,880.10 in additional revenue.

Photo 1: UVA Upper Class 2 Housing Site where clean fill is coming from.



Photo 2: Clean Fill Coming from Upper Class 2 Housing Project



Photo 3: Fill extending into Cell 4 area.



Photo 4: Stormwater Controls established in fill area.





Large Clean Fill Program Update

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

March 22, 2022



Background

- At the January 25, 2022 Board of Director's Meeting, staff requested authorization to begin a Large Clean Fill Project pilot program.
- This pilot program was intended to evaluate the feasibility and desirability of establishing a new tipping rate for large clean fill projects.
- These projects would have to meet specific tonnage criteria as well as obligate the contractor to defined fill placement, grading, stormwater, and stabilization requirements.

How has the pilot been going?

- Faulconer Construction has (as of 3/15/2022) delivered almost 15,000 tons of clean fill. They have been acceptably managing traffic, grading, compaction, and care of site roads.
- It is estimated that they will deliver a total of 30,000 to 40,000 tons by the end of the pilot on May, 27 2022.
- We have learned that we may need to moderate the number of trucks per day due to traffic through our scales, as well as have assurance that roads will be maintained.
- Pilot has earned almost \$50,000 as of 3/15/2022.

Source of some of
the Clean Fill Material
from the UVA Upper
Class 2 Housing
Project.



Stormwater Controls constructed as part of the Large Clean Fill Pilot. These are in addition to existing site stormwater controls.



Panoramic Photo of clean fill being placed in to the, unconstructed, Cell 4 area. Note, since this photo, fill has now established a working slope that is compacted throughout the day.



Clean fill tipping area
showing graveled
driving surface to
working face at right.



The pilot has been successful


Staff believes the pilot has been successful and the service has value to the community.

Questions?

Notice of a Public Hearing was advertised on February 25 and March 4, 2022

Action Requested:

Conduct a public hearing, and consider adoption of the revised rate schedule.



MEMORANDUM

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

FROM: BILL MAWYER, EXECUTIVE DIRECTOR

**SUBJECT: PRESENTATION, PUBLIC HEARING AND APPROVAL: REVISED
RATE SCHEDULE, LARGE CLEAN FILL PROGRAM**

DATE: MAY 22, 2022

A new program was proposed and approved at the January 25, 2022 Board of Director's meeting to revise our Schedule of Tipping Fees and include a new disposal fee (\$3.50/ton) for contractors to dispose of large quantities (>10,000 tons) of clean fill (soil, concrete without extended rebar, asphalt) in the undeveloped Cell 4 area at the Ivy Material Utilization Center (IMUC). Participating contractors would be required to comply with integrated stormwater controls, compaction, grading, and seeding requirements. This area would serve the large-project market for many years and would generate revenue of approximately \$1,000,000 for the RSWA. A brief review will be provided this month followed by a Public Hearing and consideration for approval.

A pilot program to further evaluate the Large Clean Fill Program is ongoing and has shown to be successful. As of March 8, 2022, Faulconer Construction has brought in 8,537 tons of clean fill during the pilot, which has generated \$29,880 in additional revenue. With the exception of the addition of a Large Clean Fill Project tipping fee of \$3.50 per ton, the remaining Tipping fees for materials delivered to, or sold from, the Ivy MUC will remain unchanged.

Board Action Requested:

Conduct a Public Hearing and consider adoption of the revised Rate Schedule to be effective on March 23, 2022.

Attachment



**RESOLUTION
TO ADOPT THE REVISED RATE SCHEDULE
FOR FISCAL YEAR 2022, EFFECTIVE MARCH 23, 2022
BY THE RIVANNA SOLID WASTE AUTHORITY**

WHEREAS, Rivanna Solid Waste Authority Board of Directors has reviewed the revised Rate Schedule for Fiscal Year 2022; and

WHEREAS, Section 15.2-5136(G) of the Code of Virginia, requires the adoption of the revised 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

WHEREAS, the revised Rate Schedule public notices were published in a local newspaper on February 25, 2022 and March 4, 2022, and a Public Hearing was held on March 22, 2022.

NOW, THEREFORE, BE IT RESOLVED that the Rivanna Solid Waste Authority Board of Directors hereby adopts the accompanying Rate Schedule, to be effective March 23, 2022.

Rate Schedule

<u>Tipping Fees (Per Ton):</u>				<u>Tipping Fees (Per Item):</u>			
Clean Fill Material		\$10.00		Freon Appliances		\$17.00	
Clean Fill - Project > than 10,000 tons*		\$3.50		Non-Freon Appliances		\$9.00	
Vegetation/Yard Waste		\$48.00		Passenger Veh. Tire, Off Rim		\$6.00	
Non-Freon Appliances		\$105.00		Passenger Veh. Tire, With Rim		\$13.00	
Domestic Waste (MSW)		\$52.00		Large Truck Tire, Off Rim		\$17.00	
Construction Debris (CDD)		\$52.00		Large Truck Tire, With Rim		\$33.00	
Compostable Waste (Commercial Only)		\$178.00					
Tires		\$190.00					
<u>Other Charges:</u>							
Minimum Charge Per Load		\$6.00		Service Fee Per Ticket -			
Mulch, Sold (per ton)		\$30.00		Albemarle County Customers		\$1.00	
Compost, Sold (per ton)		\$75.00		Other Customers		\$10.00	
Trash Stickers (each)		\$2.00		Credit Application Fee (each)		\$35.00	
Ticket Request (per copy)		\$1.00					
* Project requires advanced approval by RSWA and agreement to special terms and conditions							

Proposed Budget

FY 2022- 2023

Presented to the RSWA Board of Directors



by Bill Mawyer, Executive Director

March 22, 2022

Budget Summary

FY 2022-2023

➤ Total Budget: \$6.8 M

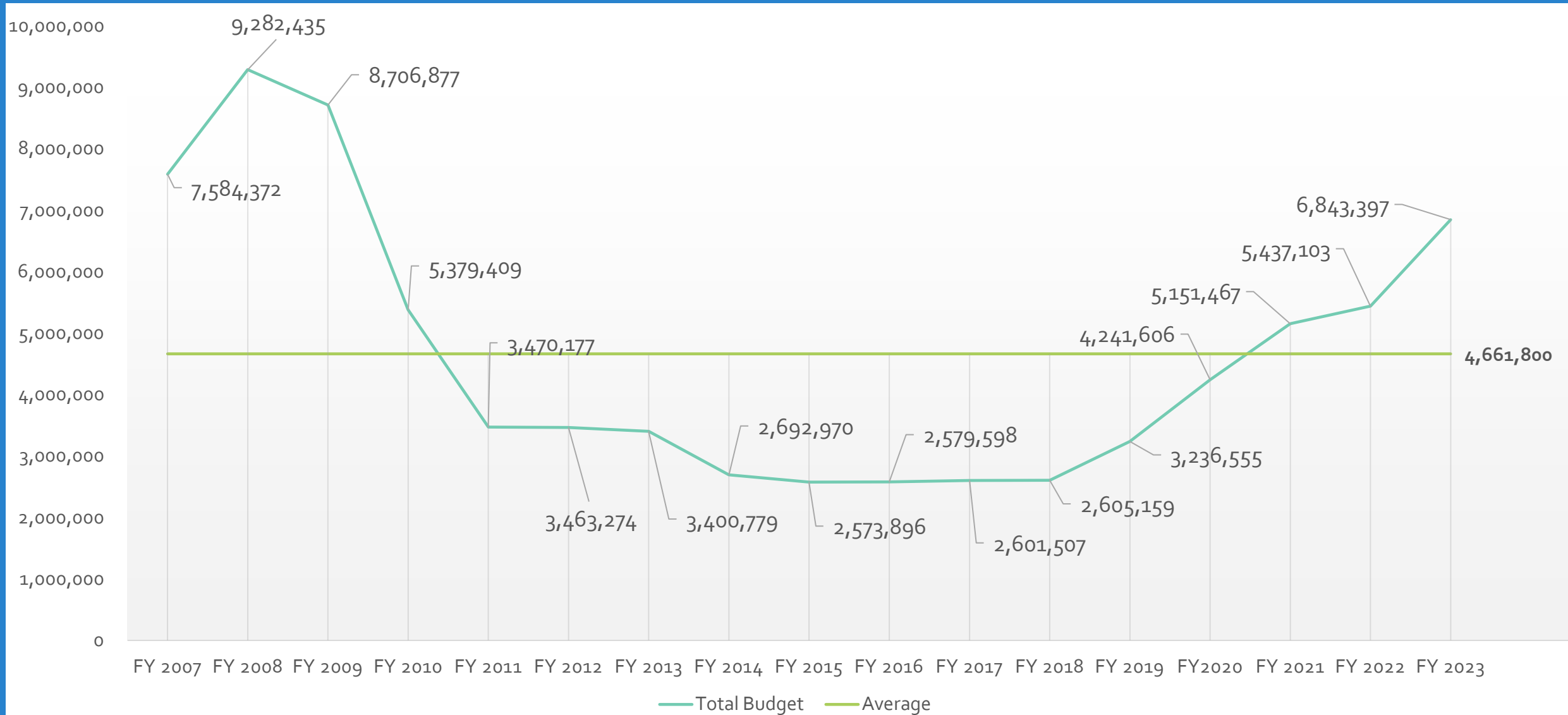
Expenses	\$6,843,397	\$1,406,294	25.8 % increase
Revenues	\$3,534,100	\$946,200	36.5 % increase
<hr/>			
Net	\$3,309,297	\$460,094	16.1 % increase

➤ County Contribution: \$2,720,951 \$450,830 19.8% increase

➤ City Contribution: \$508,364 \$9,266 1.8% increase

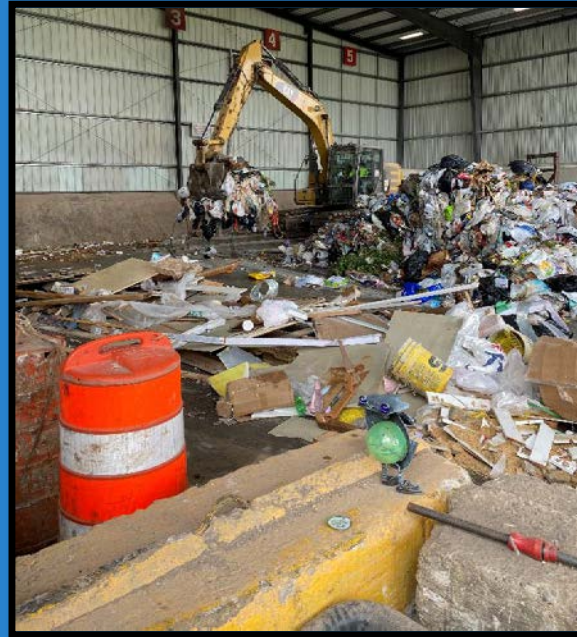
➤ UVA Contribution: \$79,982 (thru FY 2035)

17 Year Budget History



Accomplishments in FY 2022

- Increased VDEQ transfer permit from 300 to 450 tons/day & operating hours
- Modified irrigation pond dam
- Completed Buffer Management Plan, Phase One, at IMUC
- Continued HHW, eWaste, and Compost Programs

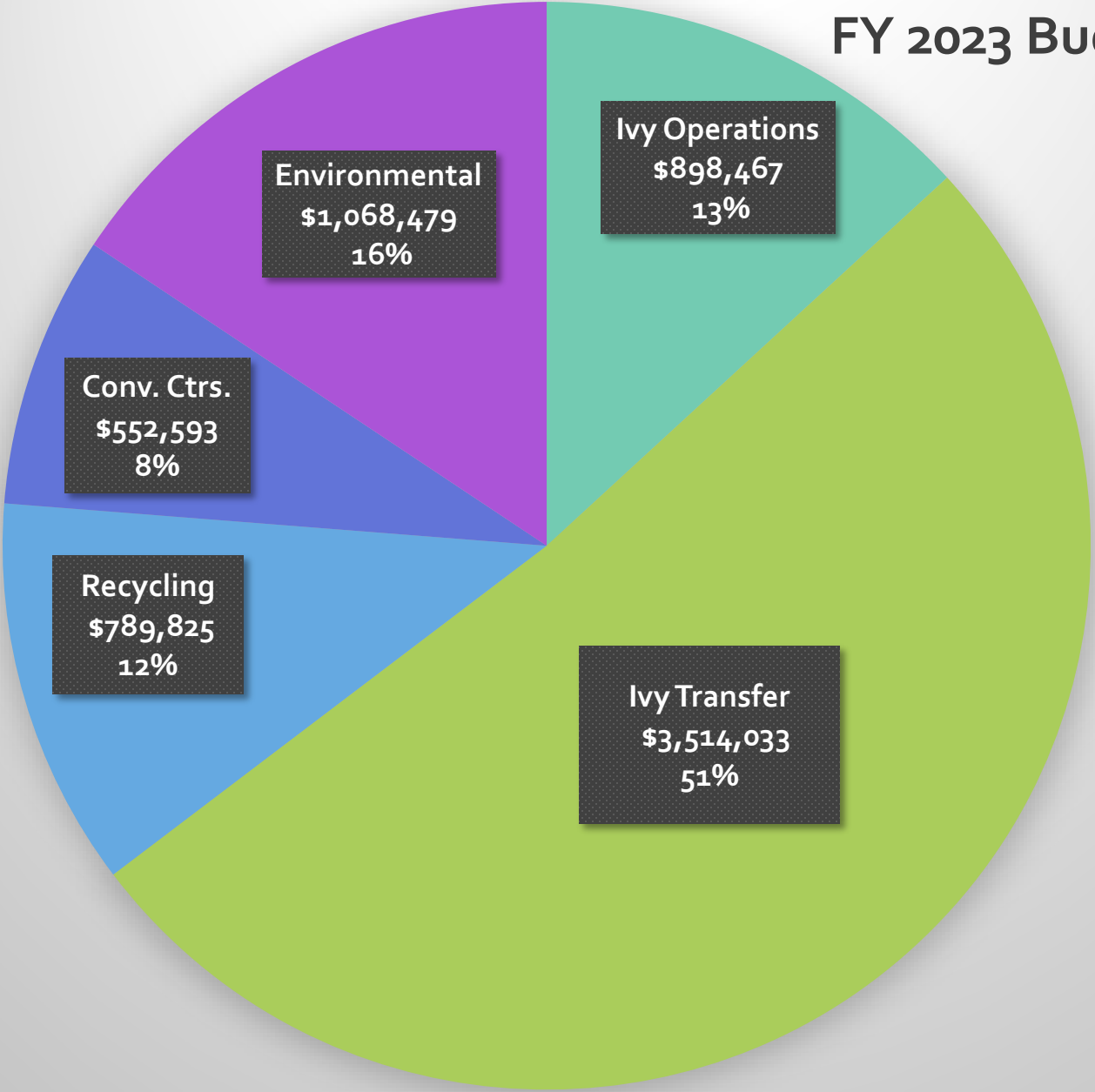


Looking Ahead to FY 2023

- Complete preliminary engineering and Co/City allocation agreement for new Baling Facility
- Open the Keene Convenience Center (3rd quarter)
- Implement large, clean fill program



FY 2023 Budget: \$6.8 M



Solid Waste Program Expenses

Programs

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

• Revenue:	\$0	Support*	
• <u>Expenses:</u>	<u>\$(1,068,479)</u>	• UVA:	\$ 79,982 fixed
		• County:	\$637,581 64.5%
• Net:	<u>\$(1,068,479)</u>	• <u>City:</u>	<u>\$350,917 35.5%</u>
			<u>\$1,068,479</u>

- * 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

Recycling – McIntire Recycling Center and Paper Sort Facility

• Revenues:	\$265,000	• Support*	
• <u>Expenses:</u>	<u>\$(789,825)</u>	• County:	\$367,378 70%
• Net:	\$(524,825)	• <u>City:</u>	<u>\$157,448 30%</u>
			\$524,825

*Local Government Support Agreement for Recycling Programs (2011)

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

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: \$2,557,300
- Expenses: \$(3,514,033)
- Net: \$(956,733)
- Support: 100% County*

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

Programs

Ivy Operations – Vegetation/Mulch; Furniture, Tires, Appliances
Recycling and Disposal; Clean Fill

- Revenue: \$631,800
- Expenses: \$(898,467)
- Net: \$(266,667)
- Support: 100% County*

*Ivy Material Utilization Center Programs Agreement (2011)

Supports 25% of total Administrative Services expenses of the Authority

Programs

Convenience Centers – Recycling and Bagged Refuse Collection

- Revenues: \$60,000
- Expenses: \$(552,593)
- Net: \$(492,593)
- Support: 100% County*

*Ivy Convenience Center Agreement (2019)

Allocation Summary

FY 2022-2023

Programs	City	County	UVA
1. Environmental	350,917	637,581	79,982
2. Recycling	157,448	367,378	0
3. Transfer	0	956,733	0
4. Operations	0	266,667	0
5. Convenience Ctrs	0	492,593	0
	\$508,364	\$2,720,951	\$79,982

Investments & Expense Increases

- Infrastructure

- Building Repairs, Equipment/Vehicles Replacement \$40k
- Building/Equipment Depreciation \$145k

- Workforce

- 3 Additional Positions (Keene Conv. Ctr., mid-yr) \$60k
 - Operator Attendant(2); Driver/Equipment Operator (1)
- 4% Merit Pool + mid-year FY 22 cola \$128k
- Administrative Services (Information Technology) \$100k
- Health Insurance, Workers Compensation \$45k

- Operational

- Transfer of Additional Refuse (12,800 tons) \$175k
- Fuel for Vehicles and Equipment \$60k
- Wood Grinding \$50k

- *No Change in Tip Fees*

Rivanna Solid Waste Authority

Organizational Chart

FY 2022-2023 Proposed Budget

One employee per position unless noted in parenthesis ()

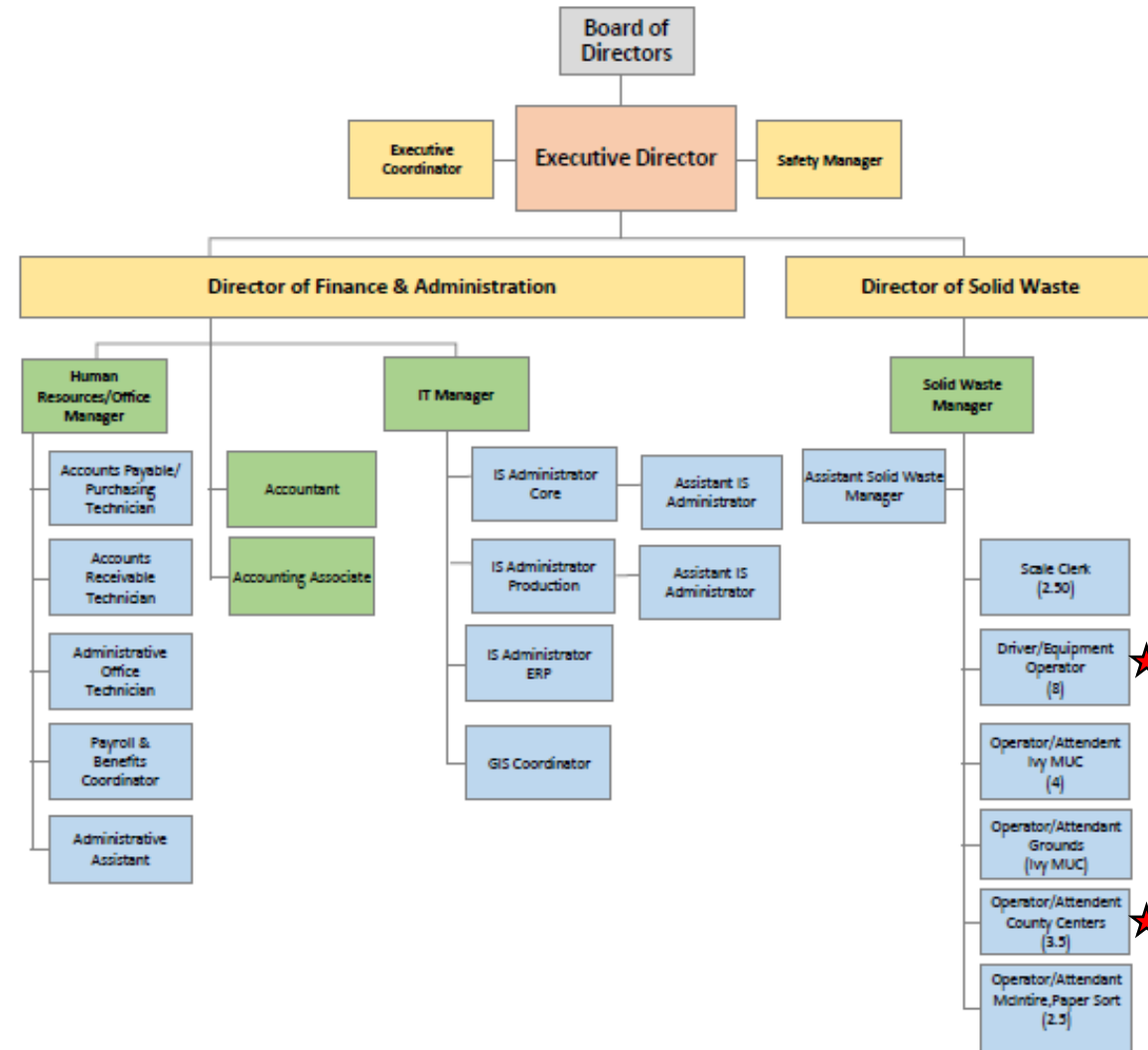
FTE Positions by Department			
Department	FY 21-22 FTE	FY 22-23 FTE	Change + / (-)
Ivy & Recycling Operations	21.50	24.50	3.00
* Joint Administrative Staff	19.00	19.00	0.00

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

FTE = Full Time Employee



FY 2022-2023 FTE Changes
Operator Attendant (2)
Driver/Equipment Operator



Budget Summary

FY 2022-2023

➤ Total Budget: \$6.8 M

Expenses	\$6,843,397	\$1,406,294	25.8 % increase
Revenues	\$3,534,100	\$946,200	36.5 % increase
<hr/>			
Net	\$3,309,297	\$460,094	16.1 % increase

➤ County Contribution: \$2,720,951 \$450,830 19.8% increase

➤ City Contribution: \$508,364 \$9,266 1.8% increase

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

**RESOLUTION
TO ADOPT THE PRELIMINARY RATE SCHEDULE
FOR FISCAL YEAR 2022 - 2023
BY THE RIVANNA SOLID WASTE AUTHORITY**

WHEREAS, Rivanna Solid Waste Authority Board of Directors has reviewed the proposed budget and associated rates for Fiscal Year 2022 - 2023; 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.

NOW, THEREFORE, BE IT RESOLVED that the Rivanna Solid Waste Authority Board of Directors hereby approves the accompanying Preliminary Rate Schedule for the purpose of notification of a public hearing to be held on May 24, 2022 at 2:00 p.m. during the regularly scheduled Board of Directors meeting.

Preliminary Rate Schedule

<u>Tipping Fees (Per Ton):</u>			<u>Tipping Fees (Per Item):</u>		
Clean Fill Material		\$10.00	Freon Appliances		\$17.00
Clean Fill - Project > than 10,000 tons*		\$3.50	Non-Freon Appliances		\$9.00
Vegetation/Yard Waste		\$48.00	Passenger Veh. Tire, Off Rim		\$6.00
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Domestic Waste (MSW)		\$52.00	Large Truck Tire, Off Rim		\$17.00
Construction Debris (CDD)		\$52.00	Large Truck Tire, With Rim		\$33.00
Compostable Waste (Commercial Only)		\$178.00			
Tires		\$190.00			
<u>Other Charges:</u>					
Minimum Charge Per Load		\$6.00	Service Fee Per Ticket -		
Mulch, Sold (per ton)		\$30.00	Albemarle County Customers		\$1.00
Compost, Sold (per ton)		\$75.00	Other Customers		\$10.00
Trash Stickers (each)		\$2.00	Credit Application Fee (each)		\$35.00
Ticket Request (per copy)		\$1.00			

* Project requires advanced approval by RSWA and agreement to special terms and conditions

Questions?

Action to be Considered by the Board:

Approval of the Resolution to adopt the Preliminary Rate Schedule and authorize advertisement of the Preliminary Rate Schedule for a Public Hearing during the regular meeting of the Board of Directors on May 24, 2022.

Fiscal Year 2022-2023

Proposed Budget

Board of Directors

Draft

3/22/2022



Rivanna Solid Waste Authority

FY 2023 Proposed Budget

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Board of Directors Draft

Prepared March 8, 2022

Adopted Draft 2

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MEMORANDUM

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

FROM: BILL MAWYER, EXECUTIVE DIRECTOR

**SUBJECT: INTRODUCTION OF FISCAL YEAR 2022-2023 BUDGET,
AND ADOPTION OF PRELIMINARY RATE SCHEDULE**

DATE: MARCH 22, 2022

Fiscal Year 2022-2023 will be another dynamic year for the Rivanna Solid Waste Authority. A budget totaling \$6.8 million is proposed to provide our essential refuse disposal and recycling services. We will complete a new recycling and refuse collection Convenience Center located in southern Albemarle County, at the request of the Albemarle Board of Supervisors, in the third quarter of FY 2023. In addition, solar energy facilities may be installed on the capped landfill cells in calendar 2023 by the Community Power Group, a company to whom we leased space in 2017. The Transfer Station continues to receive about 146 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 2022-2023 budget totaling \$6.8 million is proposed. This budget represents an increase in operating expenses of \$1.4 million (25.8%), largely due to the additional costs to process more tonnage through the Transfer Station, as well as investments in building repairs and equipment replacement, along with support for our workforce. Revenues from tip fees and product sales are estimated to be \$3.5 million, a 37% increase above FY 2021-2022 levels, resulting in a net budget increase of \$0.46 million. Estimated capital expenses totaling \$1 million are included to replace essential equipment (roll-off containers (3), trailers (2), tractor (1), scale (outbound) and small pickup truck), along with exhaust fans and leachate pumping/piping for the transfer station. These capital expenses are funded through depreciation charges in the operating budget. Funds totaling \$1.1 million for construction of the Keene Convenience Center were approved in the FY 2022 budget. Three additional mid-year positions are proposed primarily to support the Keene Convenience Center. A 4% merit performance pool for all eligible employees is also proposed. The estimated support required to provide our programs includes \$2.7 million from Albemarle County, an increase of \$450,000, \$508,000 from the City, an increase of \$9,200, 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 Requested:

Adopt the attached Preliminary Rate Schedule and authorize advertisement for a public hearing during the Board's regular meeting on May 24, 2022.

Attachments



**RESOLUTION
TO ADOPT THE PRELIMINARY RATE SCHEDULE
FOR FISCAL YEAR 2022 - 2023
BY THE RIVANNA SOLID WASTE AUTHORITY**

WHEREAS, Rivanna Solid Waste Authority Board of Directors has reviewed the proposed budget and associated rates for Fiscal Year 2022 - 2023; 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.

NOW, THEREFORE, BE IT RESOLVED that the Rivanna Solid Waste Authority Board of Directors hereby approves the accompanying Preliminary Rate Schedule for the purpose of notification of a public hearing to be held on May 24, 2022 at 2:00 p.m. during the regularly scheduled Board of Directors meeting.

Preliminary Rate Schedule

<u>Tipping Fees (Per Ton):</u>				<u>Tipping Fees (Per Item):</u>			
Clean Fill Material		\$10.00		Freon Appliances		\$17.00	
Clean Fill - Project > than 10,000 tons*		\$3.50		Non-Freon Appliances		\$9.00	
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Compostable Waste (Commercial Only)		\$178.00					
Tires		\$190.00					
<u>Other Charges:</u>							
Minimum Charge Per Load		\$6.00		Service Fee Per Ticket -			
Mulch, Sold (per ton)		\$30.00		Albemarle County Customers		\$1.00	
Compost, Sold (per ton)		\$75.00		Other Customers		\$10.00	
Trash Stickers (each)		\$2.00		Credit Application Fee (each)		\$35.00	
Ticket Request (per copy)		\$1.00					
* Project requires advanced approval by RSWA and agreement to special terms and conditions							

Attachment



**RIVANNA SOLID WASTE AUTHORITY
PUBLIC HEARING CONCERNING
THE PRELIMINARY RATE SCHEDULE
FOR FY 2022 - 2023, EFFECTIVE JULY 1, 2022**

Public Hearing:

Rivanna Solid Waste Authority will hold a public hearing on Tuesday, May 24, 2022 at 2:00p.m. during the regular Rivanna Solid Waste Authority Board of Directors meeting. The purpose of the public hearing is to consider the following fees and charges, to be effective July 1, 2022:

Preliminary Rate Schedule

<u>Tipping Fees (Per Ton):</u>				<u>Tipping Fees (Per Item):</u>			
Clean Fill Material			\$10.00	Freon Appliances			\$17.00
Clean Fill - Project > than 10,000 tons*			\$3.50	Non-Freon Appliances			\$9.00
Vegetation/Yard Waste			\$48.00	Passenger Veh. Tire, Off Rim			\$6.00
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Domestic Waste (MSW)			\$52.00	Large Truck Tire, Off Rim			\$17.00
Construction Debris (CDD)			\$52.00	Large Truck Tire, With Rim			\$33.00
Compostable Waste (Commercial Only)			\$178.00				
Tires			\$190.00				
<u>Other Charges:</u>							
Minimum Charge Per Load			\$6.00	Service Fee Per Ticket -			
Mulch, Sold (per ton)			\$30.00	Albemarle County Customers			\$1.00
Compost, Sold (per ton)			\$75.00	Other Customers			\$10.00
Trash Stickers (each)			\$2.00	Credit Application Fee (each)			\$35.00
Ticket Request (per copy)			\$1.00				
* Project requires advanced approval by RSWA and agreement to special terms and conditions							

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.

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Rivanna Solid Waste Authority
Proposed Budget FY 2022-2023
Budget Summary

	Adopted Budget FY 2021-2022	Estimated Year-end FY 2021-2022	Proposed Budget FY 2022-2023	FY 2022 vs. FY 2023 Variance \$	FY 2022 vs. FY 2023 Variance %
<u>Revenues</u>					
Ivy Tipping Fees	\$ 444,800	\$ 639,784	\$ 631,800	\$ 187,000	42.04%
Ivy Environmental Revenues	50,000	-	-	(50,000)	-100.00%
Ivy MSW Transfer Tipping	1,926,400	2,700,194	2,557,300	630,900	32.75%
County Convenience Centers	20,000	78,732	60,000	40,000	200.00%
Recycling Revenues	136,300	280,974	265,000	128,700	94.42%
Other Revenues - Administration	10,400	24,398	20,000	9,600	92.31%
<hr/>					
Total Revenues	\$ 2,587,900	\$ 3,724,082	\$ 3,534,100	\$ 946,200	36.56%
<u>Expenses</u>					
Ivy Operations	\$ 518,796	\$ 572,733	\$ 668,327	\$ 149,531	28.82%
Ivy Environmental	773,264	719,564	792,311	19,047	2.46%
MSW Transfer Ivy	2,414,696	3,084,367	3,283,892	869,196	36.00%
County Convenience Centers	314,473	313,888	552,593	238,120	75.72%
Recycling Operations	581,368	626,903	605,713	24,345	4.19%
Administration	834,506	819,186	940,562	106,056	12.71%
<hr/>					
Total Expenses	\$ 5,437,103	\$ 6,136,641	\$ 6,843,397	\$ 1,406,294	25.86%
<hr/>					
Operating Net Income (Loss)	\$ (2,849,203)	\$ (2,412,559)	\$ (3,309,297)	\$ (460,094)	16.1%
<u>Other Funding Sources & Adjustments</u>					
Local Contributions-Operations	\$ 1,878,707	\$ 1,454,559	\$ 2,240,818	\$ 362,111	19.27%
Environmental Support - Local - MOU	970,495	970,495	1,068,479	97,984	10.10%
<hr/>					
Total Local Support*	\$ 2,849,202	\$ 2,425,054	\$ 3,309,297	\$ 460,095	16.15%
<hr/>					
<u>Local Support Detail</u>					
County - Ivy Operations	\$ 280,023	\$ 131,646	\$ 266,667	\$ (13,356)	-4.77%
County - Ivy Transfer	694,323	582,870	956,733	262,409	37.79%
County - Convenience Centers	294,473	235,156	492,593	198,120	67.28%
County - Recycling	426,922	353,421	367,378	(59,544)	-13.95%
County - Environmental MOU	574,381	574,381	637,581	63,200	11.00%
	<hr/>	<hr/>	<hr/>	<hr/>	<hr/>
	\$ 2,270,122	\$ 1,877,474	\$ 2,720,951	\$ 450,830	19.86%
<hr/>					
City - Recycling	\$ 182,966	\$ 151,466	\$ 157,448	\$ (25,519)	-13.95%
City - Environmental MOU	316,132	316,132	350,917	34,785	11.00%
	<hr/>	<hr/>	<hr/>	<hr/>	<hr/>
	\$ 499,098	\$ 467,598	\$ 508,364	\$ 9,266	1.86%
<hr/>					
UVa - Environmental MOU	\$ 79,982	\$ 79,982	\$ 79,982	\$ -	
<hr/>					
Total Local Support*	\$ 2,849,202	\$ 2,425,054	\$ 3,309,297	\$ 460,095	16.15%

Financial Budgets by Cost Center

Rivanna Solid Waste Authority

Fiscal Year 2022-2023

Rivanna Solid Waste Authority
FY 2023 Proposed Budget

FY 2022			FY 2023	Budget ton/\$ Change	Budget % Change
Budgeted FY 2022	Actual for 6 months	Projected 12 months	Proposed Budget		

Ivy Operations

Tipping fees & Tonnage Information

Operations Rate / Tipping Fees						
Clean fill material	\$	10.00		\$	10.00	\$ - 0.00%
Bulk Clean fill		-			3.50	
Grindable material		48.00			48.00	- 0.00%
Tires whole - per ton		190.00			190.00	- 0.00%
Tires - per item (various rates per item)		-			-	
White goods per ton		148.00			148.00	- 0.00%
White goods per item w/freon		17.00			17.00	- 0.00%
White goods per item wihtout/freon		9.00			9.00	- 0.00%
Estimated tonnage						
Clean fill material		9,000	8,670	17,340	15,000	6,000 66.67%
Bulk Clean fill		-		10,000	10,000	10,000
Grindable material		4,000	2,793	5,586	5,500	1,500 37.50%
Tires whole - per ton		120	59	118	120	- 0.00%

Projected Revenues

Revenues						
Clean fill material	\$ 90,000	\$ 86,315	\$ 207,630	\$ 200,000	110,000	122.22%
Grindable material	192,000	136,188	272,376	264,000	72,000	37.50%
Tires whole	22,800	11,260	11,260	22,800	-	0.00%
Tires and white good per item	30,000	25,044	50,088	45,000	15,000	50.00%
Material Sales	110,000	49,215	98,430	100,000	(10,000)	-9.09%
Total Operations Revenues	\$ 444,800	\$ 308,022	\$ 639,784	\$ 631,800	\$ 187,000	42.04%

Projected Expenses

Personnel Cost	\$ 228,221	\$ 120,243	\$ 239,651	\$ 274,552	46,331	20.30%
Professional Services	-	-	-	-	-	
Other Services and Charges	27,700	13,931	29,061	27,700	-	0.00%
Communications	1,800	872	1,745	1,800	-	0.00%
Information Technology	6,275	517	4,039	6,275	-	0.00%
Vehicles and Equip. Maintenance	43,800	14,854	35,898	47,000	3,200	7.31%
Supplies	1,000	797	1,593	1,000	-	0.00%
Operations and Maintenance	125,000	87,873	175,746	175,000	50,000	40.00%
Environmental Remediations	-	-	-	-	-	
Equipment Replacement	85,000	42,500	85,000	135,000	50,000	58.82%
Subtotal Before Allocations	\$ 518,796	\$ 281,587	\$ 572,733	\$ 668,327	\$ 149,531	28.82%
Allocation of Adminstration Costs	206,027	94,675	198,697	230,141	24,114	11.70%
Total Operations Expenses	\$ 724,823	\$ 376,262	\$ 771,430	\$ 898,467	\$ 173,644	23.96%
Net Deficit	\$ (280,023)	\$ (68,240)	\$ (131,646)	\$ (266,667)	13,356	-4.77%

Summary of Local Support Payments						
County	\$ (280,023)	\$ (68,240)	\$ (131,646)	\$ (266,667)	\$ 13,356	-4.77%
City	-	-	-	-	-	
Uva	-	-	-	-	-	
	\$ (280,023)	\$ (68,240)	\$ (131,646)	\$ (266,667)	\$ 13,356	-4.77%

Rivanna Solid Waste Authority
Fiscal Year 2022-2023 Proposed Budget
Expense Detail by Department
IVY OPERATIONS

Y OPERATIONS		Current Year Activity			vs.		vs.	
		Adopted Budget FY 2021-2022	Six Months Actual 12/31/2021	Projected Yearend 6/30/2022	Proposed Budget FY 2022-2023	FY 2023 Variance \$	FY 2023 Variance %	
Object Code	Line Item							
10000	Salaries and Benefits							
11000	Salaries	\$ 137,100	\$ 68,524	\$ 137,048	\$ 176,200	\$ 39,100	28.5%	
11010	Holiday & Overtime Pay	12,000	10,100	20,201	12,000	-	0%	
12010	FICA	11,406	5,741	11,482	14,397	2,991	26%	
12020	Health Insurance	38,200	21,098	42,196	46,500	8,300	22%	
12026	Employee Assistance Program	30	26	52	30	-	0%	
12030	Retirement	13,148	6,823	13,647	8,563	(4,585)	-35%	
12040	Life Insurance	1,837	916	1,831	2,361	524	29%	
12050	Fitness Program	200	123	247	200	-	0%	
12060	Worker's Comp Insurance	10,000	5,116	9,396	10,000	-	0%	
	Subtotal	\$ 223,921	\$ 118,468	\$ 236,100	\$ 270,252	\$ 46,331	21%	
13000	Other Personnel Costs							
13100	Employee Dues & Licenses	\$ 100	\$ 99	\$ 198	\$ 100	\$ -	0%	
13150	Education & Training	700	458	917	700	-	0%	
13200	Travel & Lodging	200	-	-	200	-	0%	
13250	Uniforms	2,600	1,098	2,197	2,600	-	0%	
13325	Recruiting and Medical Testing	200	25	51	200	-	0%	
13350	Other	500	94	189	500	-	0%	
	Subtotal	\$ 4,300	\$ 1,776	\$ 3,551	\$ 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	\$ 954	\$ 1,909	\$ 3,000	\$ -	0%	
21150	Advertising / Communication / Outreach	-	49	98	-	-	-	
21250	Administrative Services RWSA	-	-	-	-	-	-	
21252	EMS Programs/Supplies	-	-	-	-	-	-	
21253	Safety Programs/Supplies	-	115	229	-	-	-	
21300	Authority Dues/Permits/Fees	1,200	-	1,200	1,200	-	0%	
21350	Laboratory Analysis	-	-	-	-	-	-	
21400	Utilities	3,500	1,117	2,234	3,500	-	0%	
21420	General Other Services	20,000	11,696	23,392	20,000	-	0%	
21430	Governance & Strategic Support	-	-	-	-	-	-	
21450	Bad Debt Write-Offs	-	-	-	-	-	-	
	Subtotal	\$ 27,700	\$ 13,931	\$ 29,061	\$ 27,700	\$ -	0%	
22000	Communication							
22100	Radio	\$ -	\$ 124	\$ 248	\$ -	\$ -	-	
22150	Telephone & Data Service	1,400	637	1,274	1,400	-	0%	
22200	Cell Phones & Pagers	400	111	223	400	-	0%	
	Subtotal	\$ 1,800	\$ 872	\$ 1,745	\$ 1,800	\$ -	0%	
31000	Information Technology							
31100	Computer Hardware	\$ 1,000	\$ 7	\$ 14	\$ 1,000	\$ -	0%	
31200	Maintenance & Support Services	5,275	497	4,000	5,275	-	0%	
31250	Software Purchases	-	13	25	-	-	-	
	Subtotal	\$ 6,275	\$ 517	\$ 4,039	\$ 6,275	\$ -	0%	
32000	Vehicles and Equipment Maint.							
32100	Vehicle Maintenance & Repair	\$ 10,000	\$ 4,672	\$ 9,345	\$ 10,000	\$ -	0%	
32150	Equipment Maint. & Repair	25,000	4,405	15,000	25,000	-	0%	
32200	Fuel	8,800	5,353	10,706	12,000	3,200	36%	
32300	Trailer Maint. & Repairs	-	424	848	-	-	-	
	Subtotal	\$ 43,800	\$ 14,854	\$ 35,898	\$ 47,000	\$ 3,200	7%	
33000	Supplies							
33100	Office Supplies	\$ 1,000	\$ 797	\$ 1,593	\$ 1,000	\$ -	0%	
33150	Subscriptions/Reference Material	-	-	-	-	-	-	
33350	Postage	-	-	-	-	-	-	
	Subtotal	\$ 1,000	\$ 797	\$ 1,593	\$ 1,000	\$ -	0%	
41000	Operation & Maintenance							
41100	Facility Maintenance/Repairs/Replacements	\$ 8,000	\$ 4,346	\$ 8,692	\$ 8,000	\$ -	0%	
41160	Forestrty Services	-	-	-	-	-	-	
41400	Materials, Supplies & Tools	1,000	1,116	2,233	1,000	-	0%	
41450	HHW Disposal	-	-	-	-	-	-	
41500	Contracted Labor	-	-	-	-	-	-	
41550	Material Purchases	-	-	-	-	-	-	
41650	Wood Grinding	100,000	70,784	141,568	150,000	50,000	50%	
41700	Building Rental	-	-	-	-	-	-	
41750	Leach Treatment	-	-	-	-	-	-	
41760	Tire Disposal	16,000	11,627	23,253	16,000	-	0%	
	Subtotal	\$ 125,000	\$ 87,873	\$ 175,746	\$ 175,000	\$ 50,000	40%	
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)	-	-	-	-	-	-	

Rivanna Solid Waste Authority
Fiscal Year 2022-2023 Proposed Budget
Expense Detail by Department
IVY OPERATIONS

Object Code	Line Item	Current Year Activity			Proposed Budget FY 2022-2023	FY 2022 vs. FY 2023 Variance \$	FY 2022 vs. FY 2023 Variance %
		Adopted Budget FY 2021-2022	Six Months Actual 12/31/2021	Projected Yearend 6/30/2022			
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	85,000	42,500	85,000	135,000	50,000	59%
Subtotal		\$ 85,000	\$ 42,500	\$ 85,000	\$ 135,000	\$ 50,000	59%
Total		\$ 518,796	\$ 281,587	\$ 572,733	\$ 668,327	\$ 149,531	29%

Rivanna Solid Waste Authority
FY 2023 Proposed Budget

Ivy Environmental

FY 2022			FY 2023	Budget \$ Change	Budget % Change
Budgeted FY 2022	Actual for 6 months	Projected 12 months	Proposed Budget		

Projected Revenues

Revenues

Forestry Management Revenues	\$ 50,000	\$ -	\$ -	\$ -	\$ (50,000)	-100.00%
Total Operations Revenues	\$ 50,000	\$ -	\$ -	\$ -	\$ (50,000)	-100.00%

Projected Expenses

Personnel Cost	\$ 203,164	\$ 104,670	\$ 208,727	\$ 192,711	\$ (10,453)	-5.15%
Professional Services	-	11,128	22,255	-	-	
Other Services and Charges	36,700	5,600	11,200	12,700	(24,000)	-65.40%
Communications	1,000	205	410	1,000	-	0.00%
Information Technology	1,000	-	-	1,000	-	0.00%
Vehicles and Equip. Maintenance	19,900	7,867	15,734	19,900	-	0.00%
Supplies	-	16	32	-	-	
Operations and Maintenance	176,500	89,198	193,395	176,500	-	0.00%
Environmental Remediations	230,000	65,607	159,411	233,500	3,500	
Equipment Replacement	105,000	54,200	108,400	155,000	50,000	47.62%
Subtotal Before Allocations	\$ 773,264	\$ 338,490	\$ 719,564	\$ 792,311	\$ 19,047	2.46%
Allocation of Administration Costs	247,232	113,610	238,437	276,169	28,937	11.70%
Total Operations Expenses	\$ 1,020,496	\$ 452,101	\$ 958,000	\$ 1,068,479	\$ 47,983	4.70%

Net Deficit	\$ (970,496)	\$ (452,101)	\$ (958,000)	\$ (1,068,479)	\$ (97,983)	10.10%
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Local Support Payments - Environmental MOU						
County	\$ 574,381	\$ 287,191	\$ 574,381	\$ 637,581	\$ 63,200	11.00%
City	316,132	158,066	316,132	350,917	34,785	11.00%
UVa	79,982	79,982	79,982	79,982	-	-
	\$ 970,495	\$ 525,239	\$ 970,495	\$ 1,068,479	\$ 97,984	10.10%

Increase or (decrease) in reserves \$ 12,495

Rivanna Solid Waste Authority
Fiscal Year 2022-2023 Proposed Budget
Expense Detail by Department
IVY ENVIRONMENTAL

FY ENVIRONMENTAL		Current Year Activity				FY 2022		FY 2022		
		Adopted Budget FY 2021-2022	Six Months Actual 12/31/2021	Projected Yearend 6/30/2022	Proposed Budget FY 2022-2023	FY 2022 vs. FY 2023 Variance \$	FY 2022 vs. FY 2023 Variance %			
Object Code	Line Item									
10000	Salaries and Benefits									
11000	Salaries	\$	122,150	\$	59,388	\$	119,800	\$	(2,350)	-1.9%
11010	Holiday & Overtime Pay		9,000		8,754		9,000		-	0%
12010	FICA		10,033		4,975		9,853		(180)	-2%
12020	Health Insurance		33,600		18,285		31,600		(2,000)	-6%
12026	Employee Assistance Program		30		23		30		-	0%
12030	Retirement		11,714		5,914		5,822		(5,892)	-50%
12040	Life Insurance		1,637		794		1,605		(31)	-2%
12050	Fitness Program		200		107		200		-	0%
12060	Worker's Comp Insurance		10,000		4,893		10,000		-	0%
	Subtotal	\$	198,364	\$	103,131	\$	187,911	\$	(10,453)	-5%
13000	Other Personnel Costs									
13100	Employee Dues & Licenses	\$	100	\$	86	\$	100	\$	-	0%
13150	Education & Training		800		397		800		-	0%
13200	Travel & Lodging		200		-		200		-	0%
13250	Uniforms		2,700		952		2,700		-	0%
13325	Recruiting and Medical Testing		500		22		500		-	0%
13350	Other		500		82		500		-	0%
	Subtotal	\$	4,800	\$	1,539	\$	4,800	\$	-	0%
	Professional Services									
20100	Legal Fees	\$	-	\$	-	\$	-	\$	-	
20200	Financial & Admin. Services		-		-		-		-	
20300	Engineering Consultants		-		11,128		22,255		-	
	Subtotal	\$	-	\$	11,128	\$	22,255	\$	-	
	Other Services and Charges									
21100	General Liability/Property Insurance	\$	800	\$	254	\$	800	\$	-	0%
21150	Advertising / Communication / Outreach		1,000		690		1,000		-	0%
21250	Administrative Services RWSA		-		-		-		-	
21252	EMS Programs/Supplies		-		-		-		-	
21253	Safety Programs/Supplies		-		99		199		-	
21300	Authority Dues/Permits/Fees		3,400		3,334		3,400		-	0%
21350	Laboratory Analysis		1,000		-		1,000		-	0%
21400	Utilities		6,500		1,222		6,500		-	0%
21420	General Other Services		24,000		-		-		(24,000)	-100%
21430	Governance & Strategic Support		-		-		-		-	
21450	Bad Debt Write-Offs		-		-		-		-	
	Subtotal	\$	36,700	\$	5,600	\$	12,700	\$	(24,000)	-65%
22000	Communication									
22100	Radio	\$	-	\$	108	\$	-	\$	-	
22150	Telephone & Data Service		500		52		500		-	0%
22200	Cell Phones & Pagers		500		46		500		-	0%
	Subtotal	\$	1,000	\$	205	\$	410	\$	-	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	\$	1,674	\$	2,000	\$	-	0%
32150	Equipment Maint. & Repair		5,000		1,036		5,000		-	0%
32200	Fuel		8,900		4,639		8,900		-	0%
32300	Trailer Maint. & Repairs		4,000		517		4,000		-	0%
	Subtotal	\$	19,900	\$	7,867	\$	19,900	\$	-	
33000	Supplies									
33100	Office Supplies	\$	-	\$	16	\$	-	\$	-	
33150	Subscriptions/Reference Material		-		-		-		-	
33350	Postage		-		-		-		-	
	Subtotal	\$	-	\$	16	\$	-	\$	-	
41000	Operation & Maintenance									
41100	Facility Maintenance/Repairs/Replacements	\$	15,000		15,331	\$	15,000	\$	-	0%
41160	Forestrty Services		-		3,614		7,229		-	
41400	Materials, Supplies & Tools		1,500		1,267		1,500		-	0%
41450	HHW Disposal		155,000		68,328		155,000		-	0%
41500	Contracted Labor		-	\$	-		-		-	
41550	Material Purchases		-		-		-		-	
41650	Wood Grinding		-		-		-		-	
41700	Building Rental		-		-		-		-	
41750	Leach Treatment		5,000		657		5,000		-	0%
41760	Tire Disposal		-		-		-		-	
	Subtotal	\$	176,500	\$	89,198	\$	176,500	\$	-	0%
43000	Disposal Contracts									
43100	MSW - Ivy Transfer	\$	-	\$	-	\$	-	\$	-	
	Subtotal	\$	-	\$	-	\$	-	\$	-	
51000	Ivy Remediation									
41350	Ground Water Systems Maintenance	\$	6,500	\$	390	\$	6,500	\$	-	0%
41360	Gas Systems Maintenance		40,000		5,512		50,000		10,000	25%
51101	Settlement Agreement (Air & Groundwater)		8,500		4,408		9,000		500	6%
51110	Compliance Ground Water Well Monitoring		75,000		26,878		75,000		-	0%

Rivanna Solid Waste Authority
Fiscal Year 2022-2023 Proposed Budget
Expense Detail by Department
IVY ENVIRONMENTAL

Object

Code

Line Item

		Current Year Activity			Proposed Budget FY 2022-2023	FY 2022 vs. FY 2023 Variance \$	FY 2022 vs. FY 2023 Variance %
		Adopted Budget FY 2021-2022	Six Months Actual 12/31/2021	Projected Yearend 6/30/2022			
51200	Surface Water & Water Supply Monitoring	18,000	4,049	8,098	15,000	(3,000)	-17%
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	45,000	16,492	32,984	45,000	-	0%
51651	Full Scale EBR - Injection & Reporting	-	3,125	6,250	-	-	-
51660	Greenhouse Gas Monitoring & Reporting	12,000	-	-	13,000	1,000	8%
51670	Cobalt MNA Monitoring	10,000	4,753	9,506	5,000	(5,000)	-50%
41900	Closure Costs	-	-	-	-	-	-
51800	Contingency	15,000	-	-	15,000	-	0%
Subtotal		\$ 230,000	\$ 65,607	\$ 159,411	\$ 233,500	\$ 3,500	2%
81000	Equipment						
81200	Rental & Leases	\$ -	\$ 1,700	\$ 3,400	\$ -	\$ -	
	Depreciation	105,000	52,500	105,000	155,000	50,000	48%
Subtotal		\$ 105,000	\$ 54,200	\$ 108,400	\$ 155,000	\$ 50,000	48%
Total		\$ 773,264	\$ 338,490	\$ 719,564	\$ 792,311	\$ 19,047	2%

Current year budget and yearend estimates				Proposed
MOU PAYMENT BASIS:				
Base Expenses	\$ 773,264	\$ 338,490	\$ 719,564	\$ 792,311
Adminstrative allocation	247,232	109,436	218,872	276,169
	\$ 1,020,496	\$ 447,926	\$ 938,436	\$ 1,068,479
Use of Reserves	\$ -	\$ 148,312	\$ 79,438	\$ -
UVA FIXED PER AGREEMENT	79,982	79,982	79,982	79,982
Forestry Revenues	50,000	-	-	-
COUNTY 64.5%	574,381	125,616	502,465	637,581
CITY 35.5%	316,132	138,276	276,551	350,917
	\$ 1,020,495	\$ 492,186	\$ 938,436	\$ 1,068,479
Defict / Use of Reserves	\$ -		\$ 0	

Rivanna Solid Waste Authority
FY 2023 Proposed Budget

FY 2022			FY 2023	Budget ton/\$ Change	Budget % Change
Budgeted FY 2022	Actual for 6 months	Projected 12 months	Proposed Budget		

Ivy Transfer Station

Tipping fees & Tonnage Information

Operations Rate / Tipping Fees						
MSW / Construction Debris	\$	52.00		\$	52.00	\$ - 0.00%
Compostable material		178.00			178.00	- 0.00%
Service charge (\$1 county, \$10 non-county)		-			-	
Estimated tonnage						
MSW / Construction Debris		33,200	23,272	46,544	46,000	12,800 38.55%
Compostable material		500	189	378	350	(150) -30.00%

Projected Revenues

Revenues						
MSW / Construction Debris	\$ 1,744,400	\$ 1,241,797	\$ 2,518,594	\$ 2,392,000	\$ 647,600	37.12%
Compostable material	89,000	33,532	67,064	62,300	(26,700)	-30.00%
Service charges / other revenues	93,000	57,268	114,536	103,000	10,000	10.75%
Total Operations Revenues	\$ 1,926,400	\$ 1,332,597	\$ 2,700,194	\$ 2,557,300	\$ 630,900	32.75%

Projected Expenses

Personnel Cost	\$ 586,566	\$ 305,508	\$ 609,176	\$ 575,035	\$ (11,531)	-1.97%
Professional Services	-	8,012	16,024	-	-	
Other Services and Charges	111,650	39,865	79,730	111,650	-	0.00%
Communications	2,000	774	1,549	2,000	-	0.00%
Information Technology	12,500	1,529	10,075	12,500	-	0.00%
Vehicles and Equip. Maintenance	30,900	34,800	69,601	55,000	24,100	77.99%
Supplies	3,000	2,381	4,763	3,000	-	0.00%
Operations and Maintenance	1,579,580	1,060,212	2,120,425	2,426,207	846,627	53.60%
Environmental Remediations	3,500	18,064	36,129	3,500	-	0.00%
Equipment Replacement	85,000	68,448	136,897	95,000	10,000	11.76%
Subtotal Before Allocations	\$ 2,414,696	\$ 1,539,595	\$ 3,084,367	\$ 3,283,892	\$ 869,196	36.00%
Allocation of Administration Costs	206,027	94,675	198,697	230,141	24,114	11.70%
Total Operations Expenses	\$ 2,620,723	\$ 1,634,270	\$ 3,283,064	\$ 3,514,033	\$ 893,309	34.09%
Net Deficit	\$ (694,323)	\$ (301,673)	\$ (582,870)	\$ (956,733)	\$ (262,409)	37.79%

Summary of Local Support Payments

County	\$ (694,323)	\$ (301,673)	\$ (582,870)	\$ (956,733)	\$ (262,409)	37.79%
City	-	-	-	-	-	
Uva	-	-	-	-	-	
	\$ (694,323)	\$ (301,673)	\$ (582,870)	\$ (956,733)	\$ (262,409)	37.79%

Rivanna Solid Waste Authority
Fiscal Year 2022-2023 Proposed Budget
Expense Detail by Department
MSW TRANSFER OPERATIONS - IVY

Object Code	Line Item	Current Year Activity				FY 2022 vs. FY 2023 Variance \$	FY 2022 vs. FY 2023 Variance %
		Adopted Budget FY 2021-2022	Six Months Actual 12/31/2021	Projected Yearend 6/30/2022	Proposed Budget FY 2022-2023		
10000	Salaries and Benefits						
11000	Salaries	\$ 350,250	\$ 173,594	\$ 347,189	\$ 355,200	\$ 4,950	1.41%
11010	Holiday & Overtime Pay	30,000	25,588	51,176	30,000	-	0%
12010	FICA	29,089	14,543	29,087	29,468	379	1%
12020	Health Insurance	104,100	53,448	106,896	103,500	(600)	-1%
12026	Employee Assistance Program	75	66	132	75	-	0%
12030	Retirement	33,589	17,286	34,572	17,263	(16,326)	-49%
12040	Life Insurance	4,693	2,320	4,639	4,760	66	1%
12050	Fitness Program	450	312	625	450	-	0%
12060	Worker's Comp Insurance	27,000	13,396	24,952	27,000	-	0%
	Subtotal	\$ 579,246	\$ 300,553	\$ 599,267	\$ 567,715	\$ (11,531)	-2%
13000	Other Personnel Costs						
13100	Employee Dues & Licenses	\$ 120	\$ 251	\$ 502	\$ 120	\$ -	0%
13150	Education & Training	1,000	1,618	3,235	1,000	-	0%
13200	Travel & Lodging	200	-	-	200	-	0%
13250	Uniforms	5,000	2,783	5,565	5,000	-	0%
13325	Recruiting and Medical Testing	500	64	128	500	-	0%
13350	Other	500	239	479	500	-	0%
	Subtotal	\$ 7,320	\$ 4,955	\$ 9,909	\$ 7,320	\$ -	0%
	Professional Services						
20100	Legal Fees	\$ -	\$ -	\$ -	\$ -	\$ -	-
20200	Financial & Admin. Services	-	-	-	-	-	-
20300	Engineering Consultants	-	8,012	16,024	-	-	-
	Subtotal	\$ -	\$ 8,012	\$ 16,024	\$ -	\$ -	-
	Other Services and Charges						
21100	General Liability/Property Insurance	\$ 8,000	\$ 2,545	\$ 5,089	\$ 8,000	\$ -	0%
21150	Advertising / Communication / Outreach	2,000	1,332	2,665	2,000	-	0%
21250	Administrative Services RWSA	-	-	-	-	-	-
21252	EMS Programs/Supplies	-	-	-	-	-	-
21253	Safety Programs/Supplies	15,000	290	580	15,000	-	0%
21300	Authority Dues/Permits/Fees	9,000	6,958	13,916	9,000	-	0%
21350	Laboratory Analysis	-	-	-	-	-	-
21400	Utilities	11,000	3,351	6,702	11,000	-	0%
21420	General Other Services	66,650	25,388	50,777	66,650	-	0%
21430	Governance & Strategic Support	-	-	-	-	-	-
21450	Bad Debt Write-Offs	-	-	-	-	-	-
	Subtotal	\$ 111,650	\$ 39,865	\$ 79,730	\$ 111,650	\$ -	0%
22000	Communication						
22100	Radio	\$ -	\$ 314	\$ 629	\$ -	\$ -	-
22150	Telephone & Data Service	1,000	151	302	1,000	-	0%
22200	Cell Phones & Pagers	1,000	309	619	1,000	-	0%
	Subtotal	\$ 2,000	\$ 774	\$ 1,549	\$ 2,000	\$ -	0%
31000	Information Technology						
31100	Computer Hardware	\$ 500	\$ -	\$ -	\$ 500	\$ -	0%
31200	Maintenance & Support Services	12,000	1,492	10,000	12,000	-	0%
31250	Software Purchases	-	38	75	-	-	-
	Subtotal	\$ 12,500	\$ 1,529	\$ 10,075	\$ 12,500	\$ -	0%
32000	Vehicles and Equipment Maint.						
32100	Vehicle Maintenance & Repair	\$ 10,000	\$ 10,261	\$ 20,522	\$ 10,000	\$ -	0%
32150	Equipment Maint. & Repair	15,000	10,978	21,957	15,000	-	0%
32200	Fuel	5,900	13,561	27,122	30,000	24,100	408%
32300	Trailer Maint & Repairs	-	-	-	-	-	-
	Subtotal	\$ 30,900	\$ 34,800	\$ 69,601	\$ 55,000	\$ 24,100	78%
33000	Supplies						
33100	Office Supplies	\$ 3,000	\$ 2,381	\$ 4,763	\$ 3,000	\$ -	0%
33150	Subscriptions/Reference Material	-	-	-	-	-	-
33350	Postage	-	-	-	-	-	-
	Subtotal	\$ 3,000	\$ 2,381	\$ 4,763	\$ 3,000	\$ -	0%
41000	Operation & Maintenance						
41100	Facility Maintenance/Repairs/Replacements	\$ 25,000	\$ 28,968	\$ 57,936	\$ 45,000	\$ 20,000	80%
41160	Forestry Services	-	-	-	-	-	-
41400	Materials, Supplies & Tools	10,000	16,560	33,121	15,000	5,000	50%
41450	HHW Disposal	-	-	-	-	-	-
41500	Contracted Labor	-	-	-	-	-	-
41550	Material Purchases	-	-	-	-	-	-
41650	Wood Grinding	-	-	-	-	-	-
41700	Building Rental	-	-	-	-	-	-
41750	Leach Treatment	-	-	-	-	-	-
41760	Tire Disposal	-	-	-	-	-	-
	Subtotal	\$ 35,000	\$ 45,528	\$ 91,057	\$ 60,000	\$ 25,000	71%
43000	Disposal Contracts						
43100	MSW - Ivy Transfer	\$ 1,544,580	\$ 1,014,684	\$ 2,029,368	\$ 2,366,207	\$ 821,627	53%
	Subtotal	\$ 1,544,580	\$ 1,014,684	\$ 2,029,368	\$ 2,366,207	\$ 821,627	53%
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	-	-	-	-	-	-

Rivanna Solid Waste Authority
Fiscal Year 2022-2023 Proposed Budget
Expense Detail by Department
MSW TRANSFER OPERATIONS - IVY

Object Code	Line Item	Current Year Activity			Proposed Budget FY 2022-2023	FY 2022 vs. FY 2023 Variance \$	FY 2022 vs. FY 2023 Variance %
		Adopted Budget FY 2021-2022	Six Months Actual 12/31/2021	Projected Yearend 6/30/2022			
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	18,064	36,129	3,500	-	0%
51800	Contingency	-	-	-	-	-	
Subtotal		\$ 3,500	\$ 18,064	\$ 36,129	\$ 3,500	\$ -	
81000	Equipment						
81200	Rental & Leases	\$ 5,000	\$ 28,448	\$ 56,897	\$ 5,000	\$ -	
	Depreciation	80,000	40,000	80,000	90,000	10,000	13%
Subtotal		\$ 85,000	\$ 68,448	\$ 136,897	\$ 95,000	\$ 10,000	12%
Total		\$ 2,414,696	\$ 1,539,595	\$ 3,084,367	\$ 3,283,892	\$ 869,196	36%

Rivanna Solid Waste Authority
FY 2023 Proposed Budget

County Convenience Centers

FY 2022			FY 2023	Budget \$ Change	Budget % Change
Budgeted FY 2022	Actual for 6 months	Projected 12 months	Proposed Budget		

Projected Revenues

Revenues

Material sales \$ 20,000 \$ 21,866 \$ 78,732 \$ 60,000 \$ 40,000 200.00%

Total Operations Revenues

\$ 20,000 \$ 21,866 \$ 78,732 \$ 60,000 \$ 40,000 200.00%

Projected Expenses

Personnel Cost \$ 211,673 \$ 111,288 \$ 221,906 \$ 378,293 \$ 166,620 78.72%
Professional Services - 20,120 20,120 - -
Other Services and Charges 8,800 743 1,486 10,300 1,500 17.05%
Communications - 221 441 - -
Information Technology - - - - -
Vehicles and Equip. Maintenance 60,000 18,274 36,549 105,000 45,000 75.00%
Supplies - 17 35 - -
Operations and Maintenance 4,000 1,676 3,352 4,000 - 0.00%
Environmental Remediations - - - - -
Equipment Replacement 30,000 15,000 30,000 55,000 25,000 83.33%

Subtotal Before Allocations

\$ 314,473 \$ 167,339 \$ 313,888 \$ 552,593 \$ 238,120 75.72%

Allocation of Administration Costs - - - - -

Total Operations Expenses

\$ 314,473 \$ 167,339 \$ 313,888 \$ 552,593 \$ 238,120 75.72%

Net Deficit

\$ (294,473) \$ (145,473) \$ (235,156) \$ (492,593) \$ (198,120) 67.28%

Summary of Local Support Payments

County	\$ (294,473)	\$ (145,473)	\$ (235,156)	\$ (492,593)	\$ (198,120)	67.28%
City	-	-	-	-	-	
Uva	-	-	-	-	-	
	\$ (294,473)	\$ (145,473)	\$ (235,156)	\$ (492,593)	\$ (198,120)	67.28%

Rivanna Solid Waste Authority
Fiscal Year 2022-2023 Proposed Budget
Expense Detail by Department
COUNTY CONVENIENCE CENTERS

**Object
Code**

Line Item

		Current Year Activity			Proposed Budget FY 2022-2023	FY 2022 vs. FY 2023 Variance \$		FY 2022 vs. FY 2023 Variance %	
		Adopted Budget FY 2021-2022	Six Months Actual 12/31/2021	Projected Yearend 6/30/2022					
10000	Salaries and Benefits								
11000	Salaries	\$ 125,000	\$ 63,956	\$ 127,912	\$ 255,200	\$ 130,200	104.16%		
11010	Holiday & Overtime Pay	15,000	9,427	18,854	15,000	-	0%		
12010	FICA	10,710	5,358	10,716	20,670	9,960	93%		
12020	Health Insurance	36,900	19,691	39,383	59,200	22,300	60%		
12026	Employee Assistance Program	50	24	49	50	-	0%		
12030	Retirement	11,988	6,369	12,737	12,403	415	3%		
12040	Life Insurance	1,675	855	1,709	3,420	1,745	104%		
12050	Fitness Program	-	115	230	-	-			
12060	Worker's Comp Insurance	7,400	3,836	7,002	7,400	-	0%		
	Subtotal	\$ 208,723	\$ 109,631	\$ 218,592	\$ 373,343	\$ 164,620			
13000	Other Personnel Costs								
13100	Employee Dues & Licenses	\$ -	\$ 92	\$ 185	\$ -	\$ -			
13150	Education & Training	500	428	856	500	-	0%		
13200	Travel & Lodging	100	-	-	100	-	0%		
13250	Uniforms	2,000	1,025	2,050	4,000	2,000	100%		
13325	Recruiting and Medical Testing	150	24	47	150	-	0%		
13350	Other	200	88	176	200	-	0%		
	Subtotal	\$ 2,950	\$ 1,657	\$ 3,314	\$ 4,950	\$ 2,000			
	Professional Services								
20100	Legal Fees	\$ -	\$ -	\$ -	\$ -	\$ -			
20200	Financial & Admin. Services	-	-	-	-	-			
20300	Engineering Consultants	-	20,120	20,120	-	-			
	Subtotal	\$ -	\$ 20,120	\$ 20,120	\$ -	\$ -			
	Other Services and Charges								
21100	General Liability/Property Insurance	\$ 2,000	\$ 636	\$ 1,272	\$ 3,500	\$ 1,500	75%		
21150	Advertising / Communication / Outreach	800	-	-	800	-	0%		
21250	Administrative Services RWSA	-	-	-	-	-			
21252	EMS Programs/Supplies	-	-	-	-	-			
21253	Safety Programs/Supplies	1,000	107	214	1,000	-	0%		
21300	Authority Dues/Permits/Fees	-	-	-	-	-			
21350	Laboratory Analysis	-	-	-	-	-			
21400	Utilities	5,000	-	-	5,000	-	0%		
21420	General Other Services	-	-	-	-	-			
21430	Governance & Strategic Support	-	-	-	-	-			
21450	Bad Debt Write-Offs	-	-	-	-	-			
	Subtotal	\$ 8,800	\$ 743	\$ 1,486	\$ 10,300	\$ 1,500			
22000	Communication								
22100	Radio	\$ -	\$ 116	\$ 232	\$ -	\$ -			
22150	Telephone & Data Service	-	56	111	-	-			
22200	Cell Phones & Pagers	-	49	99	-	-			
	Subtotal	\$ -	\$ 221	\$ 441	\$ -	\$ -			
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	\$ 5,189	\$ 10,377	\$ 20,000	\$ 10,000	100%		
32150	Equipment Maint. & Repair	15,000	7,569	15,138	20,000	5,000	33%		
32200	Fuel	30,000	4,996	9,992	60,000	30,000	100%		
32300	Trailer Maint & Repairs	5,000	520	1,041	5,000	-	0%		
	Subtotal	\$ 60,000	\$ 18,274	\$ 36,549	\$ 105,000	\$ 45,000			
33000	Supplies								
33100	Office Supplies	\$ -	\$ 17	\$ 35	\$ -	\$ -			
33150	Subscriptions/Reference Material	-	-	-	-	-			
33350	Postage	-	-	-	-	-			
	Subtotal	\$ -	\$ 17	\$ 35	\$ -	\$ -			
41000	Operation & Maintenance								
41100	Facility Maintenance/Repairs/Replacements	\$ 2,000	\$ 442	\$ 884	\$ 2,000	\$ -	0%		
41160	Forestry Services	-	-	-	-	-			
41400	Materials, Supplies & Tools	2,000	1,234	2,468	2,000	-	0%		
41450	HHW Disposal	-	-	-	-	-			
41500	Contracted Labor	-	-	-	-	-			
41550	Material Purchases	-	-	-	-	-			
41650	Wood Grinding	-	-	-	-	-			
41700	Building Rental	-	-	-	-	-			
41750	Leach Treatment	-	-	-	-	-			
41760	Tire Disposal	-	-	-	-	-			
	Subtotal	\$ 4,000	\$ 1,676	\$ 3,352	\$ 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	-	-	-	-	-			

Rivanna Solid Waste Authority
Fiscal Year 2022-2023 Proposed Budget
Expense Detail by Department
COUNTY CONVENIENCE CENTERS

Object Code	Line Item	Current Year Activity			Proposed Budget FY 2022-2023	FY 2022 vs. FY 2023 Variance \$	FY 2022 vs. FY 2023 Variance %
		Adopted Budget FY 2021-2022	Six Months Actual 12/31/2021	Projected Yearend 6/30/2022			
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	30,000	15,000	30,000	55,000	25,000	83%
Subtotal		\$ 30,000	\$ 15,000	\$ 30,000	\$ 55,000	\$ 25,000	
Total		\$ 314,473	\$ 167,339	\$ 313,888	\$ 552,593	\$ 238,120	
						\$ 48,500	

Rivanna Solid Waste Authority
FY 2023 Proposed Budget

Recycling (McIntire & Papersort)

FY 2022			FY 2023	Budget ton/\$ Change	Budget % Change
Budgeted FY 2022	Actual for 6 months	Projected 12 months	Proposed Budget		

Projected Revenues

Revenues

Material sales & Other Revenues	\$ 111,300	\$ 120,427	\$ 240,854	\$ 230,000	\$ 118,700	106.65%
Grants	25,000	40,120	40,120	35,000	10,000	40.00%

Total Operations Revenues	\$ 136,300	\$ 160,547	\$ 280,974	\$ 265,000	\$ 128,700	94.42%
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Projected Expenses

Personnel Cost	\$ 314,068	\$ 159,642	\$ 318,281	\$ 309,413	\$ (4,655)	-1.48%
Professional Services	-	3,922	7,844	-	-	-
Other Services and Charges	42,100	21,910	43,820	49,100	7,000	16.63%
Communications	2,150	1,663	3,326	2,150	-	0.00%
Information Technology	-	-	-	-	-	-
Vehicles and Equip. Maintenance	60,000	46,199	92,398	68,000	8,000	13.33%
Supplies	1,050	1,075	2,149	1,050	-	0.00%
Operations and Maintenance	72,000	34,543	69,085	76,000	4,000	5.56%
Environmental Remediations	-	-	-	-	-	-
Equipment Replacement	90,000	45,000	90,000	100,000	10,000	11.11%

Subtotal Before Allocations	\$ 581,368	\$ 313,953	\$ 626,903	\$ 605,713	\$ 24,345	4.19%
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Allocation of Administration Costs	164,820	75,740	158,958	184,112	19,292	11.71%
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Total Operations Expenses	\$ 746,188	\$ 389,694	\$ 785,860	\$ 789,825	\$ 43,637	5.85%
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Net Deficit	\$ (609,888)	\$ (229,147)	\$ (504,886)	\$ (524,825)	\$ 85,063	-13.95%
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Summary of Local Support Payments

County - 70%	\$ (426,922)	\$ (160,403)	\$ (353,421)	\$ (367,378)	\$ 59,544	-13.95%
City - 30%	(182,966)	(68,744)	(151,466)	(157,448)	25,519	-13.95%
Uva - 0%	-	-	-	-	-	-
	\$ (609,888)	\$ (229,147)	\$ (504,886)	\$ (524,825)	\$ 85,063	-13.95%

Rivanna Solid Waste Authority
Fiscal Year 2022-2023 Proposed Budget
Expense Detail by Department
RECYCLING

RECYCLING

		Current Year Activity						vs.	vs.
Object Code	Line Item	Adopted Budget FY 2021-2022	Six Months Actual 12/31/2021	Projected Yearend 6/30/2022	Proposed Budget FY 2022-2023		FY 2023 Variance \$	FY 2023 Variance %	
10000	Salaries and Benefits								
11000	Salaries	\$ 188,000	\$ 91,365	\$ 182,731	\$ 192,600	\$ 4,600	2.45%		
11010	Holiday & Overtime Pay	15,000	13,467	26,935	15,000	-	0%		
12010	FICA	15,530	7,654	15,309	15,881	352	2%		
12020	Health Insurance	57,300	28,131	56,261	56,300	(1,000)	-2%		
12026	Employee Assistance Program	40	35	69	40	-	0%		
12030	Retirement	18,029	9,098	18,196	9,360	(8,669)	-48%		
12040	Life Insurance	2,519	1,221	2,442	2,581	62	2%		
12050	Fitness Program	250	164	329	250	-	0%		
12060	Worker's Comp Insurance	12,000	6,140	11,276	12,000	-	0%		
	Subtotal	\$ 308,668	\$ 157,275	\$ 313,547	\$ 304,013	\$ (4,655)	-2%		
13000	Other Personnel Costs								
13100	Employee Dues & Licenses	\$ 100	\$ 132	\$ 264	\$ 100	\$ -	0%		
13150	Education & Training	1,000	611	1,222	1,000	-	0%		
13200	Travel & Lodging	100	-	-	100	-	0%		
13250	Uniforms	4,000	1,464	2,929	4,000	-	0%		
13325	Recruiting and Medical Testing	-	34	68	-	-	#DIV/0!		
13350	Other	200	126	252	200	-	0%		
	Subtotal	\$ 5,400	\$ 2,367	\$ 4,735	\$ 5,400	\$ -	0%		
	Professional Services								
20100	Legal Fees	\$ -	\$ -	\$ -	\$ -	\$ -			
20200	Financial & Admin. Services	-	-	-	-	-			
20300	Engineering Consultants	-	3,922	7,844	-	-			
	Subtotal	\$ -	\$ 3,922	\$ 7,844	\$ -	\$ -			
	Other Services and Charges								
21100	General Liability/Property Insurance	\$ 3,900	\$ 1,241	\$ 2,481	\$ 3,900	\$ -	0%		
21150	Advertising / Communication / Outreach	15,000	1,213	2,426	15,000	-	0%		
21250	Administrative Services RWSA	-	-	-	-	-			
21252	EMS Programs/Supplies	-	-	-	-	-			
21253	Safety Programs/Supplies	-	153	305	-	-			
21300	Authority Dues/Permits/Fees	-	-	-	-	-			
21350	Laboratory Analysis	-	-	-	-	-			
21400	Utilities	12,200	10,532	21,063	12,200	-	0%		
21420	General Other Services	11,000	8,772	17,543	18,000	7,000	64%		
21430	Governance & Strategic Support	-	-	-	-	-			
21450	Bad Debt Write-Offs	-	-	-	-	-			
	Subtotal	\$ 42,100	\$ 21,910	\$ 43,820	\$ 49,100	\$ 7,000	17%		
22000	Communication								
22100	Radio	\$ -	\$ 165	\$ 331	\$ -	\$ -			
22150	Telephone & Data Service	2,000	908	1,817	2,000	-	0%		
22200	Cell Phones & Pagers	150	589	1,178	150	-	0%		
	Subtotal	\$ 2,150	\$ 1,663	\$ 3,326	\$ 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	\$ 12,734	\$ 25,468	\$ 25,000	\$ -	0%		
32150	Equipment Maint. & Repair	15,000	23,066	46,131	20,000	5,000	33%		
32200	Fuel	15,000	8,839	17,677	18,000	3,000	20%		
32300	Trailer Maint & Repairs	5,000	1,561	3,122	5,000	-	0%		
	Subtotal	\$ 60,000	\$ 46,199	\$ 92,398	\$ 68,000	\$ 8,000	13%		
33000	Supplies								
33100	Office Supplies	\$ 50	\$ 25	\$ 49	\$ 50	\$ -	0%		
33150	Subscriptions/Reference Material	1,000	1,050	2,100	1,000	-	0%		
33350	Postage	-	-	-	-	-			
	Subtotal	\$ 1,050	\$ 1,075	\$ 2,149	\$ 1,050	\$ -			
41000	Operation & Maintenance								
41100	Facility Maintenance/Repairs/Replacements	\$ 16,000	\$ 6,825	\$ 13,651	\$ 16,000	\$ -	0%		
41160	Forestrty Services	-	-	-	-	-			
41400	Materials, Supplies & Tools	6,000	9,338	18,676	10,000	4,000	67%		
41450	HHW Disposal	-	-	-	-	-			
41500	Contracted Labor	5,000	-	-	5,000	-	0%		
41550	Material Purchases	5,000	2,179	4,358	5,000	-	0%		
41650	Wood Grinding	-	-	-	-	-			
41700	Building Rental	40,000	16,200	32,400	40,000	-	0%		
41750	Leach Treatment	-	-	-	-	-			
41760	Tire Disposal	-	-	-	-	-			
	Subtotal	\$ 72,000	\$ 34,543	\$ 69,085	\$ 76,000	\$ 4,000	6%		
43000	Disposal Contracts								
43100	MSW - Ivy Transfer	\$ -	\$ -	\$ -	\$ -	\$ -			
	Subtotal	\$ -	\$ -	\$ -	\$ -	\$ -			
51000	Ivy Remediation								
41350	Ground Water Systems Maintenance	\$ -	\$ -	\$ -	\$ -	\$ -			

Rivanna Solid Waste Authority
Fiscal Year 2022-2023 Proposed Budget
Expense Detail by Department
RECYCLING

Object Code	Line Item	Current Year Activity			Proposed Budget FY 2022-2023	FY 2022 vs. FY 2023 Variance \$	FY 2022 vs. FY 2023 Variance %
		Adopted Budget FY 2021-2022	Six Months Actual 12/31/2021	Projected Yearend 6/30/2022			
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	90,000	45,000	90,000	100,000	10,000	11%
Subtotal		\$ 90,000	\$ 45,000	\$ 90,000	\$ 100,000	\$ 10,000	11%
Total		\$ 581,368	\$ 313,953	\$ 626,903	\$ 605,713	\$ 24,345	4.2%

Rivanna Solid Waste Authority
FY 2023 Proposed Budget

Adminstration

Projected Revenues

Revenues

Interest and later fees	\$ 9,200	\$ 2,308	\$ 4,616	\$ 5,000	\$ (4,200)	-45.65%
Late fees	1,200	9,891	19,782	15,000	13,800	1150.00%

Total Operations Revenues

FY 2022			FY 2023		Budget ton/\$ Change	Budget % Change
Budgeted FY 2022	Actual for 6 months	Projected 12 months	Proposed Budget			
\$ 10,400	\$ 12,199	\$ 24,398	\$ 20,000	\$ 9,600		92.31%

Projected Expenses

Personnel Cost	\$ 162,606	\$ 82,800	\$ 164,985	\$ 171,662	\$ 9,056	5.57%
Professional Services	50,000	7,354	29,707	50,000	-	0.00%
Other Services and Charges	608,700	298,037	616,073	708,700	100,000	16.43%
Communications	8,200	2,692	5,384	5,200	(3,000)	-36.59%
Information Technology	3,500	-	3,000	3,500	-	0.00%
Vehicles and Equip. Maintenance	-	-	-	-	-	
Supplies	1,500	18	37	1,500	-	0.00%
Operations and Maintenance	-	-	-	-	-	
Environmental Remediations	-	-	-	-	-	
Equipment Replacement	-	-	-	-	-	

Total Operations Expenses

\$ 834,506	\$ 390,901	\$ 819,186	\$ 940,562	\$ 106,056		12.71%
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Net Deficit

\$ (824,106)	\$ (378,702)	\$ (794,788)	\$ (920,562)	\$ (96,456)		11.70%
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Allocation to Cost Centers (per agreement)

	Allocation %						
Ivy Operations	25%	\$ 206,027	\$ 94,675	\$ 198,697	\$ 230,141	\$ 24,114	11.70%
Ivy Environmental	30%	247,232	113,610	238,437	276,169	28,937	11.70%
Ivy Transfer	25%	206,027	94,675	198,697	230,141	24,114	11.70%
Ivy Convenience Center	0%	-	-	-	-	-	
Recycling	20%	164,820	75,740	158,958	184,112	19,292	11.71%
Total Allocation to Cost Centers	100%	\$ 824,106	\$ 378,702	\$ 794,788	\$ 920,562	\$ 96,456	11.70%

Rivanna Solid Waste Authority
Fiscal Year 2022-2023 Proposed Budget
Expense Detail by Department
ADMINISTRATION

Object Code	Line Item	Current Year Activity			Proposed Budget FY 2022-2023	FY 2022 vs. FY 2023 Variance \$	FY 2022 vs. FY 2023 Variance %
		Adopted Budget FY 2021-2022	Six Months Actual 12/31/2021	Projected Yearend 6/30/2022			
10000	Salaries and Benefits						
11000	Salaries	\$ 114,000	\$ 60,526	\$ 121,053	\$ 125,900	\$ 11,900	10%
11010	Holiday & Overtime Pay	-	-	-	-	-	-
12010	FICA	8,721	4,390	8,779	9,631	910	10%
12020	Health Insurance	13,100	6,669	13,337	14,000	900	7%
12026	Employee Assistance Program	25	9	18	25	-	0%
12030	Retirement	10,933	5,759	11,518	6,119	(4,814)	-44%
12040	Life Insurance	1,528	755	1,510	1,687	159	10%
12050	Fitness Program	-	-	-	-	-	-
12060	Worker's Comp Insurance	6,300	3,311	6,007	6,300	-	0%
	Subtotal	\$ 154,606	\$ 81,418	\$ 162,221	\$ 163,662	\$ 9,056	6%
13000	Other Personnel Costs						
13100	Employee Dues & Licenses	\$ 500	\$ 268	\$ 536	\$ 500	\$ -	0%
13150	Education & Training	1,000	-	-	1,000	-	0%
13200	Travel & Lodging	1,000	8	16	1,000	-	0%
13250	Uniforms	1,000	-	-	1,000	-	0%
13325	Recruiting and Medical Testing	500	50	100	500	-	0%
13350	Other	4,000	1,056	2,112	4,000	-	0%
	Subtotal	\$ 8,000	\$ 1,382	\$ 2,764	\$ 8,000	\$ -	0%
	Professional Services						
20100	Legal Fees	\$ 15,000	\$ 7,354	\$ 14,707	\$ 15,000	\$ -	0%
20200	Financial & Admin. Services	15,000	-	15,000	15,000	-	0%
20300	Engineering Consultants	20,000	-	-	20,000	-	0%
	Subtotal	\$ 50,000	\$ 7,354	\$ 29,707	\$ 50,000	\$ -	0%
	Other Services and Charges						
21100	General Liability/Property Insurance	\$ 2,200	\$ 700	\$ 1,400	\$ 2,200	\$ -	0%
21150	Advertising / Communication / Outreach	1,500	1,636	3,272	1,500	-	0%
21250	Administrative Services RWSA	554,000	277,002	574,004	654,000	100,000	18%
21252	EMS Programs/Supplies	-	-	-	-	-	-
21253	Safety Programs/Supplies	10,000	600	1,200	10,000	-	0%
21300	Authority Dues/Permits/Fees	25,000	13,852	27,704	25,000	-	0%
21350	Laboratory Analysis	-	-	-	-	-	-
21400	Utilities	-	-	-	-	-	-
21420	General Other Services	6,000	3,547	7,094	6,000	-	0%
21430	Governance & Strategic Support	5,000	700	1,400	5,000	-	0%
21450	Bad Debt Write-Offs	5,000	-	-	5,000	-	0%
	Subtotal	\$ 608,700	\$ 298,037	\$ 616,073	\$ 708,700	\$ 100,000	16%
22000	Communication						
22100	Radio	\$ 3,000	\$ -	\$ -	\$ -	\$ (3,000)	-100%
22150	Telephone & Data Service	4,700	2,692	5,384	4,700	-	0%
22200	Cell Phones & Pagers	500	-	-	500	-	0%
	Subtotal	\$ 8,200	\$ 2,692	\$ 5,384	\$ 5,200	\$ (3,000)	-37%
31000	Information Technology						
31100	Computer Hardware	\$ 1,000	\$ -	\$ 1,000	\$ 1,000	\$ -	0%
31200	Maintenance & Support Services	2,000	-	2,000	2,000	-	0%
31250	Software Purchases	500	-	-	500	-	0%
	Subtotal	\$ 3,500	\$ -	\$ 3,000	\$ 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	\$ -	\$ -	\$ 1,500	\$ -	0%
33150	Subscriptions/Reference Material	-	-	-	-	-	-
33350	Postage	-	18	37	-	-	-
	Subtotal	\$ 1,500	\$ 18	\$ 37	\$ 1,500	\$ -	0%
41000	Operation & Maintenance						
41100	Facility Maintenance/Repairs/Replacements	\$ -	\$ -	\$ -	\$ -	\$ -	-
41160	Forestry 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	-	-	-	-	-	-

Rivanna Solid Waste Authority
Fiscal Year 2022-2023 Proposed Budget
Expense Detail by Department
ADMINISTRATION

Object Code	Line Item	Current Year Activity			Proposed Budget FY 2022-2023	FY 2022 vs. FY 2023 Variance \$	FY 2022 vs. FY 2023 Variance %
		Adopted Budget FY 2021-2022	Six Months Actual 12/31/2021	Projected Yearend 6/30/2022			
51660	Greenhouse Gas Monitoring & Reporting	-	-	-	-	-	
51670	Cobalt MNA Monitoring	-	-	-	-	-	
41900	Closure Costs	-	-	-	-	-	
51800	Contingency	-	-	-	-	-	
<i>Subtotal</i>		\$ -	\$ -	\$ -	\$ -	\$ -	
81000	Equipment						
81200	Rental & Leases	\$ -	\$ -	\$ -	\$ -	\$ -	
	Depreciation	-	-	-	-	-	
<i>Subtotal</i>		\$ -	\$ -	\$ -	\$ -	\$ -	
Total		\$ 834,506	\$ 390,901	\$ 819,186	\$ 940,562	\$ 106,056	13%

Rivanna Solid Waste Authority
Fiscal Year 2022-2023 Proposed Budget
Expense Detail by Department
Department: All Cost Centers Consolidated

Object Code	Line Item	Current Year Activity			Proposed Budget FY 2022-2023	FY 2022 vs. FY 2023 Variance \$	FY 2022 vs. FY 2023 Variance %
		Adopted Budget FY 2021-2022	Six Months Actual 12/31/2021	Projected Yearend 6/30/2022			
10000	Salaries and Benefits						
11000	Salaries	\$ 1,036,500	\$ 517,354	\$ 1,034,708	\$ 1,224,900	\$ 188,400	18%
11010	Holiday & Overtime Pay	81,000	67,336	134,673	81,000	-	0%
12010	FICA	85,489	42,662	85,323	99,901	14,413	17%
12020	Health Insurance	283,200	147,321	294,642	311,100	27,900	10%
12026	Employee Assistance Program	250	182	364	250	-	0%
12030	Retirement	99,400	51,249	102,497	59,530	(39,870)	-40%
12040	Life Insurance	13,889	6,859	13,718	16,414	2,525	18%
12050	Fitness Program	1,100	822	1,644	1,100	-	0%
12060	Worker's Comp Insurance	72,700	36,692	67,806	72,700	-	0%
	Subtotal	\$ 1,673,528	\$ 870,476	\$ 1,735,375	\$ 1,866,895	\$ 193,367	12%
13000	Other Personnel Costs						
13100	Employee Dues & Licenses	\$ 920	\$ 928	\$ 1,856	\$ 920	\$ -	0%
13150	Education & Training	5,000	3,512	7,024	5,000	-	0%
13200	Travel & Lodging	1,800	8	16	1,800	-	0%
13250	Uniforms	17,300	7,322	14,645	19,300	2,000	12%
13325	Recruiting and Medical Testing	1,850	219	438	1,850	-	0%
13350	Other	5,900	1,686	3,371	5,900	-	0%
	Subtotal	\$ 32,770	\$ 13,675	\$ 27,350	\$ 34,770	\$ 2,000	6%
	Professional Services						
20100	Legal Fees	\$ 15,000	\$ 7,354	\$ 14,707	\$ 15,000	\$ -	0%
20200	Financial & Admin. Services	15,000	-	15,000	15,000	-	0%
20300	Engineering Consultants	20,000	43,182	66,243	20,000	-	0%
	Subtotal	\$ 50,000	\$ 50,535	\$ 95,950	\$ 50,000	\$ -	0%
	Other Services and Charges						
21100	General Liability/Property Insurance	\$ 19,900	\$ 6,330	\$ 12,660	\$ 21,400	\$ 1,500	8%
21150	Advertising / Communication / Outreach	20,300	4,920	9,840	20,300	-	0%
21250	Administrative Services RWSA	554,000	277,002	574,004	654,000	100,000	18%
21252	EMS Programs/Supplies	-	-	-	-	-	-
21253	Safety Programs/Supplies	26,000	1,364	2,727	26,000	-	0%
21300	Authority Dues/Permits/Fees	38,600	24,144	49,488	38,600	-	0%
21350	Laboratory Analysis	1,000	-	-	1,000	-	0%
21400	Utilities	38,200	16,222	32,444	38,200	-	0%
21420	General Other Services	127,650	49,403	98,806	110,650	(17,000)	-13%
21430	Governance & Strategic Support	5,000	700	1,400	5,000	-	0%
21450	Bad Debt Write-Offs	5,000	-	-	5,000	-	0%
	Subtotal	\$ 835,650	\$ 380,085	\$ 781,370	\$ 920,150	\$ 84,500	10%
22000	Communication						
22100	Radio	\$ 3,000	\$ 827	\$ 1,654	\$ -	\$ (3,000)	-100%
22150	Telephone & Data Service	9,600	4,495	8,990	9,600	-	0%
22200	Cell Phones & Pagers	2,550	1,105	2,210	2,550	-	0%
	Subtotal	\$ 15,150	\$ 6,427	\$ 12,854	\$ 12,150	\$ (3,000)	-20%
31000	Information Technology						
31100	Computer Hardware	\$ 2,500	\$ 7	\$ 1,014	\$ 2,500	\$ -	0%
31200	Maintenance & Support Services	20,275	1,989	16,000	20,275	-	0%
31250	Software Purchases	500	50	100	500	-	0%
	Subtotal	\$ 23,275	\$ 2,046	\$ 17,114	\$ 23,275	\$ -	0%
32000	Vehicles and Equipment Maint.						
32100	Vehicle Maintenance & Repair	\$ 57,000	\$ 34,530	\$ 69,059	\$ 67,000	\$ 10,000	18%
32150	Equipment Maint. & Repair	75,000	47,054	100,298	85,000	10,000	13%
32200	Fuel	68,600	37,388	74,777	128,900	60,300	88%
32300	Trailer Maint & Repairs	14,000	3,023	6,045	14,000	-	0%
	Subtotal	\$ 214,600	\$ 121,995	\$ 250,180	\$ 294,900	\$ 80,300	37%
33000	Supplies						
33100	Office Supplies	\$ 5,550	\$ 3,236	\$ 6,472	\$ 5,550	\$ -	0%
33150	Subscriptions/Reference Material	1,000	1,050	2,100	1,000	-	0%
33350	Postage	-	18	37	-	-	-
	Subtotal	\$ 6,550	\$ 4,304	\$ 8,609	\$ 6,550	\$ -	0%
41000	Operation & Maintenance						
41100	Facility Maintenance/Repairs/Replacements	\$ 66,000	\$ 55,912	\$ 111,824	\$ 86,000	\$ 20,000	30%
41160	Forestry Services	-	3,614	7,229	-	-	-
41400	Materials, Supplies & Tools	20,500	29,516	59,031	29,500	9,000	44%
41450	HHW Disposal	155,000	68,328	151,657	155,000	-	0%
41500	Contracted Labor	5,000	-	-	5,000	-	0%
41550	Material Purchases	5,000	2,179	4,358	5,000	-	0%
41650	Wood Grinding	100,000	70,784	141,568	150,000	50,000	50%
41700	Building Rental	40,000	16,200	32,400	40,000	-	0%
41750	Leach Treatment	5,000	657	1,315	5,000	-	0%
41760	Tire Disposal	16,000	11,627	23,253	16,000	-	0%
	Subtotal	\$ 412,500	\$ 258,817	\$ 532,635	\$ 491,500	\$ 79,000	19%
43000	Disposal Contracts						
43100	MSW - Ivy Transfer	\$ 1,544,580	\$ 1,014,684	\$ 2,029,368	\$ 2,366,207	\$ 821,627	53%
	Subtotal	\$ 1,544,580	\$ 1,014,684	\$ 2,029,368	\$ 2,366,207	\$ 821,627	53%
51000	Ivy Remediation						
41350	Ground Water Systems Maintenance	\$ 6,500	\$ 390	\$ 5,000	\$ 6,500	-	0%
41360	Gas Systems Maintenance	40,000	5,512	20,000	50,000	10,000	25%
51101	Settlement Agreement (Air & Groundwater)	8,500	4,408	8,817	9,000	500	6%
51110	Compliance Ground Water Well Monitoring	75,000	26,878	68,756	75,000	-	0%
51200	Surface Water Monitoring	18,000	4,049	8,098	15,000	(3,000)	-17%

Rivanna Solid Waste Authority
Fiscal Year 2022-2023 Proposed Budget
Expense Detail by Department
Department: All Cost Centers Consolidated

Object Code	Line Item	Current Year Activity			Proposed Budget FY 2022-2023	FY 2022 vs. FY 2023 Variance \$	FY 2022 vs. FY 2023 Variance %
		Adopted Budget FY 2021-2022	Six Months Actual 12/31/2021	Projected Yearend 6/30/2022			
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	45,000	16,492	32,984	45,000	-	0%
51651	Full Scale EBR - Injection & Reporting	-	3,125	6,250	-	-	-
51660	Greenhouse Gas Monitoring & Reporting	12,000	-	-	13,000	1,000	8%
51670	Cobalt MNA Monitoring	10,000	4,753	9,506	5,000	(5,000)	-50%
41900	Closure Costs	3,500	18,064	36,129	3,500	-	0%
51800	Contingency	15,000	-	-	15,000	-	0%
Subtotal		\$ 233,500	\$ 83,672	\$ 195,540	\$ 237,000	\$ 3,500	
81000	Equipment						
81200	Rental & Leases	\$ 5,000	\$ 30,148	\$ 60,297	\$ 5,000	\$ -	0%
	Depreciation	390,000	195,000	390,000	535,000	145,000	37%
Subtotal		\$ 395,000	\$ 225,148	\$ 450,297	\$ 540,000	\$ 145,000	37%
Total		\$ 5,437,103	\$ 3,031,866	\$ 6,136,641	\$ 6,843,397	\$ 1,406,294	26%

Capital Program

Rivanna Solid Waste Authority

Fiscal Year 2022-2023

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Capital Program Expense Projections Detail

	FY 2022			FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2023-2027 TOTALS
	Adopted	Dec 2021 Actual-Expenses	Projected Expenses June						
Ivy Operations									
Replace Loader 908	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Replace CAT 973	275,000	-	275,000	-	-	-	-	-	-
General Improvements - Building Ivy	20,000	7,064	20,000	-	-	-	-	-	-
Allocated Equipment	75,000	1,659	12,500	116,000	-	-	37,500	-	153,500
Subtotal	370,000	8,723	307,500	116,000	-	-	37,500	-	153,500
Ivy Transfer Station									
Fans for Transfer Station	-	-	-	30,000	-	-	-	-	30,000
New Loader	-	-	-	-	-	-	-	250,000	250,000
Tunnel Scales	-	-	-	-	-	-	-	-	-
General Improvements - Building Ivy	40,000	-	-	40,000	-	-	-	-	40,000
TS Leachate replacement	-	-	-	45,000	-	-	-	-	45,000
Rehab Barn	75,000	-	75,000	-	-	-	-	-	-
Replace Skid Steer	-	-	-	-	100,000	-	-	-	100,000
Yard Jockey	110,000	-	110,000	-	-	-	125,000	-	125,000
Allocated Equipment	32,500	-	-	86,000	-	-	50,000	-	136,000
Subtotal	257,500	-	185,000	201,000	100,000	-	175,000	250,000	726,000
Ivy Environmental									
Pond impoundment improvements - Alternative 2	-	117,088	141,000	-	-	-	-	-	-
Ditches, Berms Storm Water	-	-	-	-	-	-	-	-	-
Leachate Pump	-	-	-	-	50,000	-	-	-	50,000
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
Allocated Equipment	-	19,700	19,700	35,500	-	-	50,000	-	85,500
Subtotal	30,000	136,788	160,700	65,500	250,000	-	250,000	-	565,500
County Convenience Centers									
Southern Convenience Center	1,100,000	74	-	-	-	-	-	-	-
Break away OCC compactor	-	-	-	-	50,000	-	-	-	50,000
Allocated Equipment	17,000	664	5,000	40,000	-	-	37,500	-	77,500
Subtotal	1,117,000	737	5,000	40,000	50,000	-	37,500	-	127,500
Recycling - McIntire / Paper Sort									
Paper Sort Replacement	-	-	-	400,000	4,000,000	-	-	-	4,400,000
Replace OCC Compactor	-	-	-	50,000	-	-	-	-	50,000
New Compactors	-	-	-	-	-	40,000	-	40,000	80,000
Forklift and Bale Clamp	-	-	-	-	-	-	-	-	-
Asphalt Paving	-	-	-	-	-	-	-	-	-
Roll-off containers	15,000	-	-	30,000	-	-	-	-	30,000
Replace Trailers	30,000	-	30,000	60,000	60,000	-	-	-	120,000
Allocated Equipment	25,500	995	7,500	67,500	-	-	75,000	-	142,500
Subtotal	70,500	995	37,500	607,500	4,060,000	40,000	75,000	40,000	4,822,500
Total 5-Year CIP	\$ 1,845,000	\$ 147,243	\$ 695,700	\$ 1,030,000	\$ 4,460,000	\$ 40,000	\$ 575,000	\$ 290,000	\$ 6,395,000
									\$ 6,395,000
Allocated Equipment									
Above Ground Storage Tanks AST - Ivy	\$ 85,000	\$ 3,318	\$ 25,000	\$ 60,000	\$ -	\$ -	\$ -	\$ -	\$ 60,000
New Road Tractor	-	-	-	\$ 140,000	-	-	-	-	140,000
Tanker - Lechate	-	\$ 19,700	19,700	-	-	-	-	-	-
Flail Mower - Ventrac	-	-	-	50,000	-	-	-	-	50,000
Replace Scales	65,000	-	-	65,000	-	-	-	-	65,000
Replace Vehicle - Ranger	-	-	-	30,000	-	-	-	-	30,000
Replace Vehicle - Explorer	-	-	-	-	-	-	-	-	-
Replace Roll-off truck	-	-	-	-	-	-	250,000	-	250,000
Roll-off containers - Ivy and McIntire split	-	-	-	-	-	-	-	-	-
Total Equipment to allocate	150,000	23,018	44,700	345,000	-	-	250,000	-	595,000
Allocation:									
Ivy Operations	75,000	1,659	12,500	116,000	-	-	37,500	-	153,500
Ivy Transfer Station	32,500	-	-	86,000	-	-	50,000	-	136,000
Ivy Environmental	-	19,700	19,700	35,500	-	-	50,000	-	85,500
Ivy CC	17,000	664	5,000	40,000	-	-	37,500	-	77,500
Recycling	25,500	995	7,500	67,500	-	-	75,000	-	142,500
Total Cost Center Allocations	\$ 150,000	\$ 23,018	\$ 44,700	\$ 345,000	\$ -	\$ -	\$ 250,000	\$ -	\$ 595,000

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Appendices

Rivanna Solid Waste Authority

Fiscal Year 2022-2023

**Rivanna Solid Waste Authority
Fiscal Year 2022-2023**

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 and material sales
Transfer Station Tipping Fees	Fees per ton of MSW and Construction Debris
Environmental	Sale of timber, use of reserves
Recycling Revenues	Material sales primarily from McIntire / Paper Sort collections
County Convenience Centers	Material sales primarily from the County 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
County Convenience Centers	Operations of Ivy and Southside convenience centers
Recycling Operations	Operations and maintenance costs for McIntire and Paper Sort
Administration	Administrative costs - mostly shared with RWSA
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 2022-2023

Authority Staffing Plan		FY 2023 (FTE) FULL- TIME EQUIVALENT	FY 2022 Approved FTE	CHANGE FROM FY 2022
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	1.00	0.00
Allocated Positions between Ivy Operations, Ivy MSW and Recycling				
<u>Ivy - MUC</u>				
	Assistant Manager	1.00	1.00	0.00
	Operator/Attendant - Ivy	3.00	4.00	(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>Southern Convenience Center</u>				
	Operator/Attendant	2.00	0.00	2.00
<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)	8.00	6.00	2.00
Subtotal		24.50	21.50	3.00
				14%

					FTE Split		
					RWSA	SWA	
Joint Administrative Staff	Executive Director	1.00	1.00	0.00	0.85	0.15	1.00
	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	1.00	0.00	0.80	0.20	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
	Executive Coordinator	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 - Core	1.00	1.00	0.00	0.60	0.40	1.00
	Information Systems Administrator - ERP	1.00	1.00	0.00	0.80	0.20	1.00
	Information Systems Administrator - SCADA	1.00	1.00	0.00	1.00	0.00	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
	IT Manager	1.00	1.00	0.00	0.80	0.20	1.00
	Information Systems Asst. Administrator - SCADA	1.00	1.00	0.00	1.00	0.00	1.00
Subtotal		19.00	17.00	0.00	14.40	4.60	19.00

FTE Split with RWSA

FY 2023
FY 2022

SWA FTEs

4.60
4.30

**Rivanna Solid Waste Authority
Fiscal Year 2022-2023**

Cost Allocation for Administrative Services Provided by RWSA

	<u>Base</u>	<u>Percentage</u>	<u>FY 2023 SWA Share</u>	<u>FY 2022 SWA Share</u>
Salaries Total Admin.				
<i>SWA share</i>	\$ 1,774,400	22%	\$ 390,368	\$ 341,946
Benefits Total Admin.				
<i>SWA share</i>	618,100	22%	135,982	127,050
Other Personnel Costs	58,100	22%	12,782	10,230
Professional Services	60,000	22%	13,200	13,200
General Other Services	105,680	22%	23,250	4,598
Building and Grounds	5,800	22%	12,760	13,706
Communications	24,780	15%	3,700	3,150
Technology	254,531	22%	56,000	32,098
Office Supplies and Postage	2,300	22%	5,060	6,930
Vehicles	19,700	5%	985	1,475
	\$ 2,923,391		\$ 654,087	\$ 554,383
Rounded to {Total shared costs to RSWA}			\$ 654,000	\$ 554,000

**Rivanna Solid Waste Authority
Material Analysis Report
Waste Tonnages
Fiscal Years 2018-2022**

	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022 (Jul-Dec)	FY 2022 Projected
Ivy Waste Tonnage Categories						
Clean Fill Material	4,819	7,764	11,368	10,160	8,670	17,340
Grindable Vegetative Material	2,199	2,988	4,556	4,052	2,793	5,586
Compost	174	443	379	222	189	378
Pallets	77	73	21	-	-	-
Tires, Whole	58	171	91	288	59	118
White Goods (Non-Freon)	11	13	5	21	4	8
Total Non-MSW	7,338	11,452	16,420	14,743	11,715	23,430
MSW Tonnages						
Ivy MSW TS	8,423	16,404	29,364	41,634	23,272	46,544
Total Ivy MSW	8,423	16,404	29,364	41,634	23,272	46,544
Total	15,761	27,856	45,784	56,377	34,987	69,974

Rivanna Solid Waste Authority Historical Material Tonnage Report - Recycling Fiscal Years 2018-2022
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Fiscal Year 2018	Fiscal Year 2019	Fiscal Year 2020	Fiscal Year 2021	Fiscal Year 2022 (Jul-Dec)
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In U.S. Tons

Fiber Products

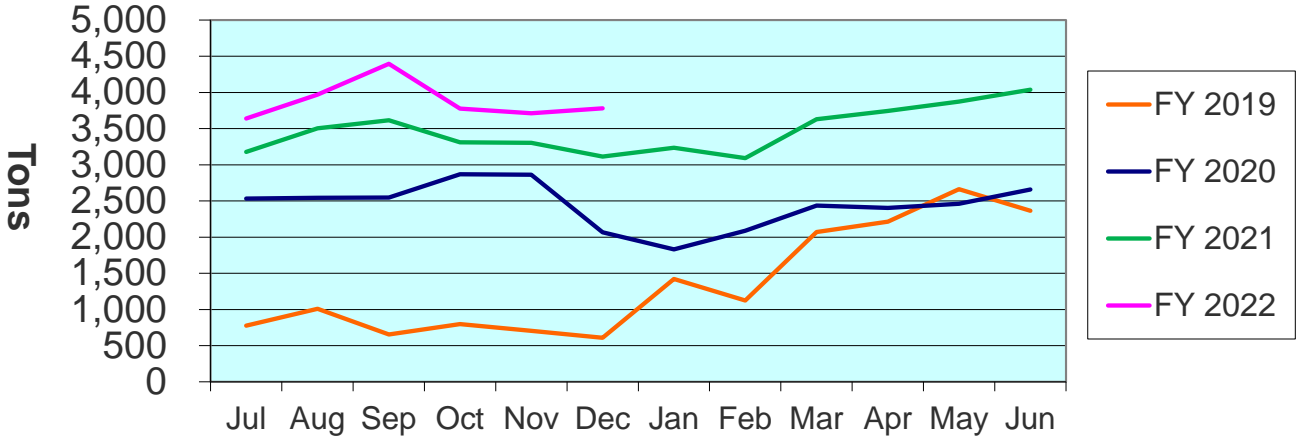
Newspaper, Magazines, Catalogs	424	427	120	-	-
Cardboard (Corrugated)	763	807	560	843	493
Mixed Paper and Phone Books	186	265	792	777	390
File Stock (Office Paper)	111	128	77	22	-
Total Fiber Products	1,484	1,627	1,549	1,642	883

Other Products

Glass	252	411	467	564	332
Metal Cans	41	58	54	92	46
Plastic	103	127	114	146	72
Total Other Products	396	596	635	802	450
Total	1,880	2,223	2,184	2,444	1,333

Rivanna Solid Waste Authority
MSW Transfer Tonnages
FY 2019 - 2022

IVY



**Rivanna Solid Waste Authority
Fiscal Year 2022-2023**

Cash Reserve Balances

Operating Cash Accounts

December 2021 Ending Balance	<u>\$ 2,261,935</u>
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Capital Cash Reserves

December 2021 Ending Balance	\$ 1,006,490
Estimated additions	195,000
Estimated expenditures	(548,500)
Estimated Ending Balance	<u>\$ 652,990</u>

Total Discretionary Funds	<u>\$ 2,914,925</u>
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<u>Trust Fund with DEQ</u>	<u>\$ 145,242</u>
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Liabilities

Closure and Post Closure *	\$ 5,594,920
Estimated Accounts Payable	408,300
Estimated Accrued Leave	39,900
Estimated Accrued VERIP	1,000
Net OPEB Liability	63,900
Net Pension Liability	496,370

Total Liabilities	<u>\$ 6,604,390</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 \$145,242 trust fund for the Transfer Station Closure.

**RIVANNA SOLID WASTE AUTHORITY
ENVIRONMENTAL COSTS PROJECTIONS**

Item	Description	FY 2022 Adopted Budget	FY 2022 as of December 2021	Estimated Yearend FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028-2032 Five year Estimate	TEN YEAR ESTIMATE
1	Groundwater System Maintenance	\$ 6,500	\$ 390	\$ 5,000	\$ 6,500	\$ 6,500	\$ 6,500	\$ 6,500	\$ 6,500	\$ 32,500	\$ 65,000
2	Gas System Maintenance support	40,000	5,512	20,000	50,000	50,000	50,000	50,000	50,000	250,000	500,000
3	Ambient Air & Ground Water Monitoring - Settlement	8,500	4,408	8,817	9,000	9,000	9,000	9,000	9,000	45,000	90,000
4	Compliance Ground Water Well Monitoring - Permit related	75,000	26,878	68,756	75,000	75,000	75,000	75,000	75,000	375,000	750,000
5	Surface Water	18,000	4,049	8,098	15,000	15,000	15,000	15,000	15,000	75,000	150,000
6	Cell 3 Cap Replacement	-	-	-	-	-	-	-	-	-	-
7	Cell 3 O&M	-	-	-	-	-	-	-	-	-	-
8	Paint Pit SVE	-	-	-	-	-	-	-	-	-	-
9	Full-Scale EBR - Monitoring	45,000	16,492	32,984	45,000	45,000	45,000	45,000	45,000	225,000	450,000
10	Full-Scale EBR - Injections and Reporting	-	3,125	6,250	-	10,000	10,000	-	10,000		30,000
11	Cobalt MNA Monitoring	12,000	-	9,506	13,000	13,000	13,000	13,000	13,000	65,000	130,000
12	Greenhouse Gas Monitoring and Reporting	10,000	4,753	-	5,000	5,000	5,000	5,000	5,000	25,000	50,000
N/A	Contingency	15,000	-	-	15,000	20,000	20,000	20,000	20,000	100,000	195,000
N/A	Existing Operations & Maintenance (staff, insurance, maint.)	543,264	272,883	560,153	558,811	575,575	592,842	610,628	628,946	647,815	3,614,617
	Total Estimated Cost	\$ 773,264	\$ 338,490	\$ 719,564	\$ 792,311	\$ 824,075	\$ 841,342	\$ 849,128	\$ 877,446	\$ 1,840,315	\$ 6,024,617