



Board of Directors
Regular Meeting

May 26, 2020

2:00pm

BOARD OF DIRECTORS

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

DATE: May 26, 2020
LOCATION: Virtually via ZOOM
TIME: 2:00 p.m.

AGENDA

1. *CALL TO ORDER*
2. *STATEMENT FROM THE CHAIR*
3. *RESOLUTION OF THE RIVANNA SOLID WASTE AUTHORITY AUTHORIZING THE ADOPTION OF PROCEDURES FOR ELECTRONIC PUBLIC MEETINGS AND PUBLIC HEARINGS AND MODIFICATION OF PROCUREMENT PROCEDURES TO ENSURE THE CONTINUITY OF GOVERNMENT DURING THE COVID-19 PANDEMIC DISASTER*
4. *ELECTION OF CHAIR, VICE CHAIR & SECRETARY-TREASURER*
5. *MINUTES OF PREVIOUS BOARD MEETING*
 - a. *Minutes of the Regular Meeting of the Board on February 25, 2020*
6. *RECOGNITION*
7. *EXECUTIVE DIRECTOR'S REPORT*
8. *ITEMS FROM THE PUBLIC*
9. *RESPONSES TO PUBLIC COMMENTS*
10. *CONSENT AGENDA*
 - a. *Staff Report on Finance*
 - b. *Staff Report on Ivy Material Utilization Center/Recycling Operations Update*
 - c. *Authorization for Vegetative Waste Grinding, Green Waste Recycling*

11. OTHER BUSINESS

- a. *Presentation: Introduction of Fiscal Year 2020-2021 Budget, and Adoption of Preliminary Rate Resolution; Bill Mawyer, Executive Director*

12. OTHER ITEMS FROM BOARD/STAFF NOT ON AGENDA

13. CLOSED MEETING

14. 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 items, 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.

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 citizens who have questions for the Board or staff submit those questions in advance of the meeting to permit the opportunity for some research before the meeting.

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

Rev. May 20, 2020



CALL TO ORDER

STATEMENT OF CHAIR TO OPEN MEETING

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

I would like to call the May 26, 2020 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 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(e) of the County's 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. Oberdorfer: Please state your full name and location.

Dr. Palmer: Please state your full name and location.

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

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

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

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

And I am Mike Gaffney and I am located at _____.

Joining us today electronically are the follow Authority staff members:

Bill Mawyer, Executive Director

Lonnie Wood, Director of Finance & Administration

Phil McKalips, Director of Solid Waste

Jennifer Whitaker, Director of Engineering & Maintenance

Katie McIlwee, Communications Manager & Executive Coordinator



We are also joined electronically by Kurt Krueger, counsel to the Authority.

Our first order of business is to consider the COVID-19 Resolution in your Board packets. This Resolution (i) approves our conducting this meeting and future meetings electronically consistent with the City's Continuity of Government Ordinance adopted on March 25, the County's Continuity of Government Ordinance adopted on April 15 and Chapter 1283 of the 2020 Acts of the Virginia General Assembly effective April 24; (ii) approves our conducting the public hearings required for adoption of budgets and rate settings; and (iii) permit the Executive Director to modify the requirements or procedures for procurements not directly related to the COVID-19 disaster after giving reasonable notice to make the public aware of those modifications. I note that the public notice for this meeting was given in conformity with those ordinances. I would ask for a motion to adopt the resolution, a second to the motion and then we can have any discussion and hold the vote.

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RESOLUTION OF RIVANA SOLID WASTE AUTHORITY

AUTHORIZING THE ADOPTION OF PROCEDURES FOR ELECTRONIC PUBLIC MEETINGS AND PUBLIC HEARINGS AND MODIFICATION OF PROCUREMENT PROCEDURES TO ENSURE THE CONTINUITY OF GOVERNMENT DURING THE COVID-19 PANDEMIC DISASTER

WHEREAS, on March 12, 2020, Governor Ralph S. Northam issued Executive Order Fifty-One declaring a state of emergency for the Commonwealth of Virginia arising from the novel Coronavirus (COVID-19) pandemic; and

WHEREAS, Executive Order Fifty-One acknowledged the existence of a public health emergency which constitutes a disaster as defined by Virginia Code § 44-146.16 arising from the public health threat presented by a communicable disease anticipated to spread; and

WHEREAS, Executive Order Fifty-One ordered implementation of the Commonwealth of Virginia Emergency Operations Plan, activation of the Virginia Emergency Operations Center to provide assistance to local governments, and authorization for executive branch agencies to waive “any state requirement or regulation” as appropriate; and

WHEREAS, on March 13, 2020, the President of the United States declared a national emergency, beginning March 1, 2020, in response to the spread of COVID-19; and

WHEREAS, on March 11, 2020, the World Health Organization declared the COVID-19 outbreak a pandemic; and

WHEREAS, on March 12, 2020, the Charlottesville City Council approved the declaration of a local emergency and the City Manager and Director of Emergency Management issued a declaration of local emergency on March 12, 2020; and

WHEREAS, on March 17, 2020, the Albemarle County Board of Supervisors confirmed the declaration of local emergency because of the COVID-19 pandemic made by the County Executive, acting as the Director of Emergency Management on March 12, 2020; and,

WHEREAS, on March 18, 2020, the Albemarle County Board of Supervisors consented to the County Executive, acting as the Director of Emergency Management, issuing an amended declaration of local emergency to refer to the COVID-19 pandemic as not only an emergency, but also as a “disaster” as the Governor had included in Executive Order Fifty-One, and the County Executive issued the amended declaration on March 20, 2020: and

WHEREAS, Virginia Code § 15.2-1413 provides that, notwithstanding any contrary provision of law, a locality may, by ordinance, provide a method to assure continuity of government in the event of a disaster for a period not to exceed six months; and

WHEREAS, on March 25, 2020, the Charlottesville City Council, pursuant to Virginia Code § 15.2-1413, adopted an Ordinance to Modify Deadlines, Modify Public Meeting and Public Hearing Practices and Procedures to Address Continuity of Operations Associated with the Pandemic Disaster (the “City Emergency Ordinance”); and

WHEREAS, on March 27, 2020, the Albemarle County Board of Supervisors, pursuant to Virginia Code § 15.2-1413, adopted an Emergency Ordinance to Ensure the Continuity of Government During the COVID-19 Disaster; and

WHEREAS, on April 15, 2020, the Albemarle County Board of Supervisors, pursuant to Virginia Code § 15.2-1413, adopted an Ordinance to Ensure the Continuity of Government During the COVID-19 Disaster, modifying its earlier ordinance adopted on March 27, 2020 (the “County Emergency Ordinance” and collectively, with the City Emergency Ordinance, the “Emergency Ordinances”, and individually, the “Emergency Ordinance”); and

WHEREAS, through its respective Emergency Ordinance, the Charlottesville City Council and the Albemarle County Board of Supervisors specifically found that COVID-19 constitutes a real and substantial threat to public health and safety and constitutes a “disaster” as defined by Virginia Code § 44-146.16 being a “communicable disease of public health threat” and

WHEREAS, through its respective Emergency Ordinance, the Charlottesville City Council and the Albemarle County Board of Supervisors further found that the COVID-19 pandemic makes it unsafe to assemble in one location a quorum for public bodies including its respective boards, commissions and authorities (collectively the “Public Entities”), or for such Public Entities to conduct meetings in accordance with normal practices and procedures; and

WHEREAS, on April 24, 2020, Governor Northam approved an amendment to House Bill 29, the Budget Bill, enacted as Chapter 1283 of the 2020 Acts of the Virginia General Assembly, Part 4: General Provisions, Section 4-0.00 Operating Policies, subparagraph g., effective on such date, permitting any public body, including any state, local, regional, or regulatory body, or certain governing boards, to meet by electronic communication means without a quorum of the public body and any member of the governing board physically assembled at one location when the Governor has declared a state of emergency, subject to certain conditions and procedures;

WHEREAS, through its respective Emergency Ordinance, the Charlottesville City Council and the Albemarle County Board of Supervisors adopted certain procedures to ensure the continuity of government during the COVID-19 Pandemic disaster (such procedures together with the Operating Policies set forth in Part 4 of Chapter 1283 of the 2020 Acts of the Virginia General Assembly, hereinafter collectively referred to as the “Continuity Procedures”),

suspended any deadlines applicable to Public Entities and their staff during the COVID-19 disaster, and authorized Public Entities, at their discretion, to postpone non-emergency public hearings and action items during the disaster; and

WHEREAS, the Rivanna Water and Sewer Authority, being a public body created by concurrent resolutions of the City of Charlottesville and the County of Albemarle pursuant to the Virginia Water and Waste Authorities Act (Virginia Code Section 15.2-5100 *et seq.*) and whose Board members are appointed by the City of Charlottesville and the County of Albemarle, is a Public Entity included within the scope of each of the Emergency Ordinances adopted by the City of Charlottesville and the County of Albemarle and a local body under Chapter 1283 of the 2020 Acts of the Virginia General Assembly.

NOW, THEREFORE, BE IT RESOLVED that the Rivanna Water and Sewer Authority hereby incorporates by reference and adopts the Continuity Procedures prescribed in each of the respective Emergency Ordinances adopted by the City of Charlottesville and the County of Albemarle, and in Chapter 1283 of the 2020 Acts of the Virginia General Assembly copies of which are attached hereto; and

BE IT FURTHER RESOLVED that the Rivanna Water and Sewer Authority hereby authorizes and directs its officers and staff to take all steps reasonably necessary or appropriate to implement such Continuity Procedures and to develop any specific procedures as applicable and appropriate for the Rivanna Water and Sewer Authority, provided that such specific procedures are consistent with the terms and conditions of the Emergency Ordinances, including modification of the requirements or procedures for procurements not directly related to the COVID-19 disaster, notwithstanding any provision in its Bylaws or its Procurement Manual to the contrary, and

BE IT FURTHER RESOLVED that this Resolution shall take effect immediately upon adoption and shall remain in effect during the pendency of both Emergency Ordinances including for any applicable period upon the re-adoption of the Emergency Ordinances by the Charlottesville City Council or the Albemarle County Board of Supervisors and during the pendency of the emergency declaration by the Governor of Virginia.

130126762_2



1 **RSWA BOARD OF DIRECTORS**
2 **Minutes of Regular Meeting**
3 **February 25, 2020**
4

5 A regular meeting of the Rivanna Solid Waste Authority (RSWA) Board of Directors was held
6 on Tuesday, February 25, 2020 at 2:00 p.m. in the 2nd floor conference room, Administration
7 Building, 695 Moores Creek Lane, Charlottesville, Virginia.
8

9 **Board Members Present:** Dr. Liz Palmer, Jeff Richardson, Lance Stewart, Paul Oberdorfer, Dr.
10 Tarron Richardson, Lloyd Snook.
11

12 **Board Members Absent:** Mike Gaffney.
13

14 **Rivanna Staff Present:** Lonnie Wood, Michelle Simpson, Austin Marrs, Victoria Fort, Jennifer
15 Whitaker, Scott Schiller, Phil McKalips, Betsy Nemeth, Katie McIlwee, Bill Mawyer.
16

17 **Attorney(s) Present:** Mr. Kurt Krueger.
18

19 **1. CALL TO ORDER**

20 Mr. Richardson convened the February 25, 2020 regular meeting of the Board of Directors of the
21 Rivanna Solid Waste Authority at 2:00 p.m.
22

23 **2. MINUTES OF PREVIOUS BOARD MEETING**

24 *Minutes of the Special Meeting of the Board on January 28, 2020*

25 Mr. Richardson asked Board members if they had comments or changes.
26

27 **Dr. Richardson moved that the Board approve the minutes of the previous Board meeting. He**
28 **was seconded by Mr. Oberdorfer and the motion passed unanimously (4-0). Dr. Palmer and**
29 **Mr. Snook arrived late to the meeting and were absent from the vote. Mr. Gaffney was absent**
30 **from the meeting and vote.**
31

32 **3. RECOGNITIONS**

33 There were no recognitions.
34

35 **4. EXECUTIVE DIRECTOR'S REPORT**

36 Mr. Mawyer stated the RSWA is guided by a Strategic Plan and is pleased that they were able to
37 improve one of their goals (Workforce Development) recently by adding the Charlottesville YMCA
38 as a location where RSWA's employees can go. He stated the RSWA supports their membership to
39 the amount of \$43 per month as a contribution. He stated the employees had previously been limited
40 to the ACAC facilities. He noted that YMCA has facilities at the Brooks Family located at McIntire
41 Park in Charlottesville, in Crozet, and in Waynesboro. He stated there are employees who live in
42 Crozet and the Valley, and that this arrangement makes those facilities available to them. He stated
43 the RSWA was pleased to add this to its employee wellness benefits.
44

45 Mr. Mawyer stated that the RSWA's Human Resources Manager (Ms. Betsy Nemeth) and
46 Communications Manager (Ms. Katie McIlwee) put together a video to help orient new employees.

47 He played the video for the Board, which featured various employees explaining the services the
48 Rivanna Authority provides.

49
50 Mr. Mawyer stated this video is shown to new employees on their first day of employment as part
51 of their orientation, which gives them a firsthand visual of who the Authority is and what they do.
52 He thanked Ms. Nemeth and Ms. McIlwee for putting the video together.

53
54 Mr. Mawyer stated he, Mr. Phil McKalips, Mr. David Rhoades, and Mr. Russ Blankenstein went to
55 Richmond to tour the Sunoco paper mill facility, which is where cardboard, newsprint, and mixed
56 paper is sent. He stated the facility recycles the materials, putting them into a large vat with a cutter
57 and water, which results in a brown mush that is compressed in a machine. He presented a picture of
58 the rolls of finished paper the facility makes. He stated they have an assembly line they use to
59 recycle paper products and make new paper products. He stated one product they make there is the
60 Pringles can. He stated the facility goes 24-7 for eight weeks, then takes a week to shut down and
61 clean the equipment before starting again.

62
63 Mr. Mawyer stated there was a sustainability workshop done with a consultant in order to grow
64 their knowledge of how they deal with greenhouse gas emissions, energy management, bioenergy
65 recovery, and other climate action and sustainability topics.

66
67 Mr. Mawyer stated Mr. Mike Gaffney was not present that day as he had a skiing accident and
68 broke his collarbone. He stated Mr. Gaffney is under medical care and as he was absent, the Board
69 would not be able to take action on Consent Agenda Item c., which was to approve the amendment
70 of the by-laws to change the Board's regular schedule. He stated therefore, the Board's next meeting
71 will be in April, unless it decides to have a special meeting. He stated during the April meeting, they
72 will talk about the Solid Waste budget.

73
74 **5. ITEMS FROM THE PUBLIC**

75 Mr. Richardson opened Items from the Public. Hearing none, he closed the Items from the Public
76 portion of the meeting.

77
78 **6. RESPONSES TO PUBLIC COMMENT**

79 There were none.

80
81 **7. CONSENT AGENDA**

82 *a. Staff Report on Finance*

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

84 *c. Amendment of the Bylaws Regarding Monthly Meetings and Election of Officers, and Approval of*
85 *the Board Meeting Schedule for Calendar Year 2020*

86
87 *d. Award of Nonprofessional Services Contract for Construction Visual Documentation Services;*
88 *Commonwealth Documentation, LLC*

89
90 Mr. Mawyer reminded that Item c. would have to be pulled from the consent agenda.

91
92 Dr. Palmer mentioned the fact that the transfer station was closed for a week at the end of January.
93 She acknowledged that this did not affect the amount of refuse processed per day, as this was
94 calculated with a lower number of days. She asked how the closing did affect the numbers.

95

96 Mr. McKalips replied that he did not look to see what the numbers were down by for the month. He
97 stated they track the amounts on a daily basis.
98
99 Mr. Mawyer stated there was a big amount of refuse delivered on the Monday they reopened.
100
101 Mr. McKalips agreed that there was some catchup, but that it settled down quickly.
102
103 Dr. Palmer asked if they had any feedback from haulers on that inconvenience.
104
105 Mr. McKalips replied that he believed the vast majority of the big commercial haulers knew far
106 enough in advance that they were able to make alternative plans. He stated there was a mixed bag
107 from the public that they spoke directly to. He stated some from the public were more amenable to
108 the plan while others hadn't found out, or were less than satisfied.
109
110 Dr. Palmer asked if customers were lost.
111
112 Mr. McKalips replied that he didn't think so.
113
114 Mr. Mawyer noted that there was a publicity campaign, which included sending letters to the large
115 haulers, a website update, and an announcement in the newspaper.
116
117 Ms. McIlwee added that it was broadcast on all the local networks, and they handed out flyers at
118 Ivy.
119
120 Mr. Mawyer stated the campaign seemed to do a good job of getting the word out and therefore,
121 they did not have much conflict.
122
123 Dr. Palmer asked if everything was repaired at the transfer station.
124
125 Mr. Mawyer replied that everything was not quite fixed. Final repairs would be completed over
126 Memorial Day weekend.
127
128 Mr. McKalips replied that they would be closing the transfer station early on the Saturday of
129 Memorial Weekend, at 1:00 p.m. instead of 4:00 p.m. to allow workers to come in and finish the
130 concrete work that they did not quite complete.
131
132 Mr. Mawyer stated the contractors had wanted to continue the closed period, but that they were told
133 to come back in May, when it was more convenient for the Authority.
134
135 Dr. Palmer stated she was glad that this decision was made.

136 **Dr. Palmer moved that the Board approve the consent agenda (Items a., b., and d.), with Item**
137 **c. removed. She was seconded by Dr. Richardson and the motion passed unanimously (6-0).**
138 **Mr. Gaffney was absent from the meeting and vote.**
139

140 **8. OTHER BUSINESS**
141 *a. Presentation: Recycling Program Update*
142 Mr. Phil McKalips, Director of Solid Waste, presented. He stated he often gets questions from
143 the public about recycling, and that he assumed the Board members' constituents ask questions

144 as well. He stated there have been some changes since the last time he gave a presentation to the
145 Board, which was in June of 2018.

146

147 Mr. McKalips stated he didn't know how much everyone kept track of the global recycling
148 market, but that in 2018, China drastically cut back on the quantity of recyclables they take,
149 which has depressed recycling. He stated China continues to become more stringent through
150 2019, and for most American concerns, they take or bring in almost nothing now.

151

152 Mr. McKalips stated there was a period where some of the other southeastern nations (including
153 India, Thailand, and Vietnam) were bringing the material in, but their countries have now
154 quickly responded to say that they were not accepting materials, either, and so those have
155 dwindled.

156

157 Mr. McKalips stated what that means for Rivanna is that the prices for the commodities they
158 collect are depressed from historical levels, but they are still recycling the materials they collect.
159 He stated much of this is due to what he calls their "value add," noting they bale a lot of material
160 and do a fair bit of trucking to get it to the consumer of the recyclable materials (e.g. paper and
161 plastic) so the buyers internal costs are very low.

162

163 Mr. McKalips showed a slide of declining plastic exports and stated to be clear, this was
164 referring to plastic exports to all countries, but it clearly demonstrated the depression in the
165 market. He stated where there is a fair amount of exports seen, much of this is to Canada (likely
166 80% of it).

167

168 Mr. McKalips stated Rivanna recycles compostable food waste, cardboard, mixed paper, #2 and
169 #4 plastic films, #1 and #2 plastic bottles (noting that they stopped collecting #3 through #7
170 plastic resins on July 1, 2019), glass bottles and jars, office paper, newsprint, used oyster shells,
171 aluminum beverage cans, and mixed metals.

172

173 Mr. McKalips stated most of the materials were the same as before, but that there have been a
174 few changes. He stated the aluminum beverage cans are still going to Gerdau. He stated the
175 mixed metals also go to Gerdau in Roanoke. He stated corrugated cardboard, as well as mixed
176 paper, go to the paper mill. He stated it is a 400-ton-per-day mill and that McIntire Recycling
177 Center is responsible for about 5-10% of their capacity.

178

179 Dr. Palmer asked where the mill is located.

180

181 Mr. McKalips replied that they were in South Richmond.

182

183 Mr. Mawyer stated they are located on the south side of the James River, in the southern part of
184 the City of Richmond.

185

186 Mr. McKalips stated #1 and #2 plastics are collected separately, but until the quality of those
187 material streams gets to the level it needs to be, they still need to go to the sort facility in
188 Raleigh, NC. He stated his presentation included a video demonstrating what happens there at
189 the materials recovery facility that Rivanna takes its materials to. He stated they would hear on
190 the video a couple problems they have with shredded paper, but this could be disregarded, as
191 Rivanna's shredded paper doesn't go there.

192

193 Mr. McKalips played the video for the Board. He stated the video provided the Board a chance
194 to see what goes on inside a materials recovery facility, which takes mostly material from
195 curbside collection programs. He stated that as one can imagine, it is hard to get all this material
196 separated apart, even though the facility has the technology and manpower to do it. He stated it is
197 one of the benefits of the source-separated facilities that Rivanna operates, as the material largely
198 comes in relatively clean, though there are still contamination issues. He stated much of their
199 material can go for a higher, better cost than what comes out of a materials recovery facility.

200
201 Mr. McKalips stated the mixed paper goes to the Sunoco paper mill in Richmond. He stated #1
202 and #2 plastic films go to Trex in Winchester, who uses it with wood chips to make synthetic
203 decking.

204
205 Mr. Snook asked about #2 and #4 bags.

206
207 Mr. McKalips replied that a grocery bag is typically a #2 bag that is made from high-density
208 polyethylene. He stated #4 bags and films are things like plastic, flexible, clear films that hold 6-
209 packs of cans together. He stated this is a #4 plastic, also called LDPE. He stated many mattress
210 wraps are LDPE.

211
212 Mr. Snook asked if the numbers were the same as numbers 1-7.

213
214 Mr. McKalips replied yes, explaining that it is made from the same plastic resin. He stated #2 is
215 high-density polyethylene, and #4 is low-density polyethylene.

216
217 Mr. McKalips stated with regards to glass bottles and jars, Rivanna just signed into a new
218 contract with Strategic Materials. He stated they go to Wilson, NC where they are sorted and
219 reused for making food and beverage containers. He stated he was in the process of reaching out
220 to some of the neighboring counties to see if they would like to get involved. He stated many of
221 them had to drop glass out of their recycling programs. He stated the idea was that if they cover
222 the cost of getting glass from their locality to Ivy, where the materials are staged, Rivanna can
223 get it hauled and recycled for them.

224
225 Mr. McKalips stated office paper goes to Sonoco Recycling in Madison Heights, where they
226 send it on to a paper mill. He stated newsprint is going with mixed paper because the cost of
227 newsprint is so low. He stated that books go with mixed paper.

228
229 Mr. McKalips stated compostable food waste is collected by Natural Organic Process Enterprises
230 (NOPE), which takes the waste to McGill Composting in Waverly, which is the same place that
231 the wastewater biosolids go.

232
233 Mr. McKalips stated the oyster shells program continues to do well. He stated the bin was about
234 half full from October 16, 2019, when the program started.

235
236 Mr. McKalips stated the used cooking oil program was started in the last week or two, and that
237 they have already had people deposit the oil, which will help keep it out of the sewer systems for
238 the City and Service Authority.

239
240 Mr. McKalips stated they continue to watch pricing. He stated they need to work towards
241 increasing the cleanliness or quality of plastics, especially. He stated that because they are not
242 clean enough, they must be sent to the Sunoco sort facility to be processed. He stated if they

243 could get the plastics clean enough, they will be sellable at the loading dock. He stated the cost
244 for #2 plastic is actually fairly high, at 70-80 cents per pound. He stated they could start to earn
245 some revenue on those, which would decrease costs all around.

246
247 Mr. McKalips stated the biggest issue is material contamination. He presented some examples,
248 such as plastic bags, aluminum cans, and the materials in plastic containers.

249
250 Mr. McKalips stated Rivanna made a visit to van der Linde Recycling at Zion Crossroads a few
251 months ago, and that they process for recycling construction demolition debris. He stated
252 Rivanna has had conversations with them that have not yet been fruitful, but that they would
253 keep looking at how to segregate construction debris out of Ivy and send it to them. He stated it
254 was a matter of getting the cost numbers to work out.

255
256 Mr. McKalips stated Rivanna continues to offer two e-waste collection events per year. He stated
257 the same is true for tires, and that the tires go down to Emanuel Tire in Appomattox, where they
258 are recycled for beneficial reuse for fuel or other products.

259
260 Mr. McKalips stated paints, which are collected every day at the IMUC, are recycled by MXI
261 Environmental.

262
263 Mr. Snook asked what happens to the e-waste, and if it is merely collected and thrown into someone
264 else's landfill.

265
266 Mr. McKalips replied that the vendor Rivanna uses has undergone certification so that they are
267 actually recycling those materials. He stated they disassemble a television, for example, and if it
268 is a tubed television, it goes to a smelter, where they recover the lead. He stated the plastic case
269 gets shredded and recycled as plastic. He stated the electronic components can get smelted to
270 recover the more expensive metals or rare earth metals. He stated that to the best of the vendor's
271 ability, they are certified that they are recycling the material.

272
273 Mr. Snook asked if the vendor takes the material for free to get it off Rivanna's hands.

274
275 Mr. McKalips replied that Rivanna pays the vendor to take the material. He stated there is no
276 longer enough value to warrant getting paid for it.

277
278 Mr. Mawyer stated when the Board meets next (presumably in April), they would talk about the
279 Solid Waste budget and go through the cost of the different programs, including recycling.

280
281 Dr. Palmer stated that the County Solid Waste Advisory Committee is trying to put together a
282 small pilot program for ambassadors one weekend day a month for a few months to try to see if
283 they can help with the education about contamination.

284
285 Mr. Mawyer asked if this would be at McIntire.

286
287 Dr. Palmer replied yes. She stated Mr. McKalips would be very much involved in the
288 ambassadors' training. She stated the committee appreciated Rivanna's willingness to allow this
289 pilot to take place.

290
291 Mr. Mawyer stated Mr. McKalips, Mr. Rhoades, and his group do a great job.

292

293 Dr. Palmer stated one of the biggest problems is that people think the things that they are putting
294 in the bins at McIntire are being sorted again, and that they are actually not. She stated this is one
295 of the biggest things they need to communicate out to the community.
296

297 **9. OTHER ITEMS FROM BOARD/STAFF NOT ON AGENDA**

298 There were none.

299 **10. CLOSED MEETING: (JOINT SESSION WITH THE RWSA)**

300 There was no closed meeting.
301

302 **11. ADJOURNMENT**

303 **At 2:31 p.m., Dr. Palmer moved to adjourn the meeting of the Rivanna Solid Waste**
304 **Authority. The motion was seconded by Dr. Richardson and passed unanimously (6-0). Mr.**
305 **Gaffney was absent from the meeting and vote.**
306
307

DRAFT



MEMORANDUM

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

FROM: BILL MAWYER, EXECUTIVE DIRECTOR

SUBJECT: EXECUTIVE DIRECTOR’S REPORT

DATE: MAY 26, 2020

STRATEGIC PLAN GOAL: SOLID WASTE SERVICES

Our staff have continued to provide essential refuse and recycling services for our community throughout the virus pandemic period. Staff have provided outstanding customer service as they maintained safe health practices while keeping all of our facilities open and operational on regularly scheduled days, with the exception of the Encore Shop at Ivy and the Book Bin at the McIntire Recycling Center, which were closed due to health concerns.

We appreciate the efforts put forth by our dedicated staff during this stressful period!

Use of the Ivy Materials Utilization Center:

February 2020

| | |
|-----------------|-----------------------------------|
| <u>Vehicles</u> | <u>AVG MSW & CDD Tons/Day</u> |
| 4,205 | 87 |

March 2020

| | |
|-----------------|-----------------------------------|
| <u>Vehicles</u> | <u>AVG MSW & CDD Tons/Day</u> |
| 5,335 | 94 |

April 2020

| | |
|-----------------|-----------------------------------|
| <u>Vehicles</u> | <u>AVG MSW & CDD Tons/Day</u> |
| 5,257 | 92 |

Recycling

The Ivy Material Utilization Center was selected for the “2020 Best of Charlottesville Awards” in the category of Recycling Center. The Charlottesville Award Program focuses on companies that have demonstrated their ability to use various marketing methods to

grow their business in spite of difficult economic times. The companies chosen exemplify the best of small business, often leading through customer service and community involvement.

STRATEGIC PLAN GOAL: INFRASTRUCTURE AND MASTER PLANNING

Compostable Food Waste Loading Facility, Moores Creek

A consultant completed an evaluation of facility improvements needed to combine compostable food waste (CFW) and biosolids for shipment in our trailer to the McGill compost facility in Waverly, Va. We asked the consultant to also consider the cost of providing a CFW facility at Ivy. A report will be provided on these options as soon as the review has been completed.

STRATEGIC PLAN GOAL: ENVIRONMENTAL STEWARDSHIP

Household Hazardous Waste and Bulky Waste Amnesty Day

The Ivy MUC will still host HHW, Bulky Waste and eWaste Days this summer. The dates are as follows:

| | | |
|---------------------|----------------------|---------------|
| <u>eWaste:</u> | Saturday | June 13, 2020 |
| <u>HHW:</u> | Thursday | July 9, 2020* |
| | Friday | July 10, 2020 |
| | Saturday | July 11, 2020 |
| <u>Bulky Waste:</u> | Tires | June 20, 2020 |
| | Furniture/Mattresses | June 27, 2020 |
| | Appliances | July 18, 2020 |

*Commercial Hazardous Waste Collection is open to qualifying business and commercial establishments. Businesses are required to pre-register with MXI Environmental and are charged a fee to dispose of their waste.



MEMORANDUM

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

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

REVIEWED: BILL MAWYER, EXECUTIVE DIRECTOR

SUBJECT: APRIL 2020 FINANCIAL SUMMARY

DATE: MAY 26, 2020

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

| | <u>Operating Results</u> | <u>Remediation Results</u> | <u>Total</u> |
|-----------------------|------------------------------|--------------------------------|--------------------|
| Total Revenues | \$ 1,994,920 | \$ - | \$ 1,994,920 |
| Total Expenses | <u>(2,943,365)</u> | <u>(686,449)</u> | <u>(3,629,814)</u> |
| Net operating results | (948,445) | (686,449) | (1,634,894) |
| Support - MOU & Local | <u>1,221,084</u> | <u>1,070,582</u> | <u>2,291,666</u> |
| Surplus/(Deficit) | <u>\$ 272,639</u> | <u>\$ 384,133</u> | <u>\$ 656,772</u> |

Total operating revenues through April were \$370,000 over budget, and total operating expenses were \$323,000 over budget. The Authority has processed 39,212 tons of waste this fiscal year. A breakdown of net revenue or cost per ton, including overhead and administrative support costs, is shown below.

| | <u>Ivy MSW</u> | <u>Ivy - All Other</u> | <u>Recycling</u> | <u>Total</u> |
|-------------------------------|----------------|------------------------|------------------|--------------|
| Tonnage | 24,179 | 13,152 | 1,881 | 39,212 |
| Net operating revenue (costs) | \$ (405,699) | \$ (14,780) | \$ (527,965) | \$ (948,444) |
| Net revenue (cost) per ton | \$ (16.78) | \$ (1.12) | \$ (280.68) | \$ (24.19) |

Attachments

| Operations | Budget | | Actual Y-T-D | | IVY OPERATIONS | | MSW-IVY TRANSFER | | 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 | Budget | Actual Y-T-D |
| REVENUES | | | | | | | | | | | | |
| Ivy Operations Tipping Fees | \$ 199,400 | 311,278 | \$ 199,400 | 311,278 | | | | | | | | |
| Ivy MSW Transfer Tipping Fees | 1,290,540 | 1,360,322 | | | 1,290,540 | 1,360,322 | | | | | | |
| Material & Other Sales-Ivy | 123,500 | 94,720 | 123,500 | 94,720 | | | | | | | | |
| Recycling Revenues | 200,900 | 97,494 | | | | | 200,900 | 97,494 | | | | |
| Other Revenues | 93,000 | 85,709 | | | 93,000 | 85,709 | | | | | | |
| Interest & Fees | 42,600 | 45,397 | | | | | | | | 42,600 | 45,397 | |
| Total Revenues | \$ 1,949,940 | \$ 1,994,920 | \$ 322,900 | \$ 405,998 | \$ 1,383,540 | \$ 1,446,031 | \$ 200,900 | \$ 97,494 | \$ 42,600 | \$ 45,397 | \$ 45,397 | \$ 106,57% |
| <i>Budget vs. Actual*</i> | | 102.31% | | 125.73% | | 104.52% | | 48.53% | | | | |
| EXPENSES | | | | | | | | | | | | |
| Ivy Operations | 345,846 | 278,046 | 345,846 | 278,046 | | | | | | | | |
| Ivy MSW Transfer | 1,772,102 | 1,708,998 | | | 1,772,102 | 1,708,998 | | | | | | |
| Recycling Operations | 531,656 | 511,273 | | | | | 531,656 | 511,273 | | | | |
| Administration | 726,629 | 616,327 | | | | | | | 726,629 | 616,327 | | |
| Total Expenses | 3,376,233 | 3,114,644 | 345,846 | 278,046 | 1,772,102 | 1,708,998 | 531,656 | 511,273 | 726,629 | 616,327 | 616,327 | 84.82% |
| <i>Budget vs. Actual*</i> | | 92.25% | | 80.40% | | 96.44% | | 96.17% | | | | |
| Net Results Before Administrative Allocation | \$ (1,426,293) | \$ (1,119,724) | \$ (22,946) | \$ 127,952 | \$ (388,562) | \$ (262,967) | \$ (330,756) | \$ (413,779) | \$ (684,029) | \$ (570,930) | \$ (570,930) | |
| <i>Administrative allocations:</i> | | | | | | | | | | | | |
| <i>Administrative costs to Envir. MOU (below)</i> | 205,209 | 171,279 | | | | | | | 205,209 | 171,279 | | |
| <i>Administrative costs to Operations</i> | - | - | (171,007) | (142,732) | (171,007) | (142,732) | (136,806) | (114,186) | 478,820 | 399,651 | | |
| Net Operating Income (Loss) | \$ (1,221,084) | \$ (948,445) | \$ (193,953) | \$ (14,780) | \$ (559,569) | \$ (405,699) | \$ (467,562) | \$ (527,965) | \$ - | \$ - | \$ - | |
| Other Funding Sources | | | | | | | | | | | | |
| Local Government Contributions | 1,221,084 | 1,221,084 | | | | | | | | | | |
| County Contribution - Capital Grant | 350,000 | - | | | | | | | | | | |
| Transfer to Capital Fund - Ivy Recycling Center | (350,000) | - | | | | | | | | | | |
| Surplus (Deficit) - Operations | \$ - | \$ 272,639 | | | | | | | | | | |

| Environmental Programs | | Budget | Actual Y-T-D |
|--|------------------|-------------------|--------------|
| REVENUES | | | |
| Remediation Support | 1,070,582 | 1,070,582 | |
| Total Revenues | 1,070,582 | 1,070,582 | |
| <i>Budget vs. Actual*</i> | | 100.00% | |
| EXPENSES | | | |
| Ivy Environmental | 865,373 | 515,170 | |
| Administrative Allocation | 205,209 | 171,279 | |
| Total Expenses | 1,070,582 | 686,449 | |
| <i>Budget vs. Actual*</i> | | 64.12% | |
| Surplus (Deficit) - Environmental | \$ - | \$ 384,133 | |
| Total Surplus (Deficit) | \$ - | \$ 656,772 | |

Rivanna Solid Waste Authority
 Monthly Financial Status Report
 FY 2020

| | July | August | September | October | November | December | January | February | March | April | Year-to-Date |
|------------------------------------|---------------------|--------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|-----------------------|
| Revenues | | | | | | | | | | | |
| Ivy Operations Tipping Fees | \$ 32,267 | \$ 31,531 | \$ 27,841 | \$ 37,051 | \$ 37,172 | \$ 18,663 | \$ 23,274 | \$ 30,794 | \$ 40,561 | \$ 32,124 | \$ 311,278 |
| Ivy MSW Transfer Tipping Fees | 141,391 | 142,721 | 145,387 | 162,254 | 162,545 | 117,798 | 102,801 | 120,998 | 135,258 | 129,169 | 1,360,322 |
| Ivy Material Sales | 9,769 | 11,342 | 10,663 | 6,159 | 6,050 | 4,714 | 5,098 | 7,788 | 17,461 | 15,676 | 94,720 |
| Recycling | 14,209 | 10,578 | 4,469 | 8,462 | 31,729 | 9,429 | 4,787 | 4,533 | 5,873 | 3,423 | 97,494 |
| Other Revenues | 9,624 | 8,407 | 7,372 | 6,900 | 18,828 | 5,966 | 6,062 | 6,682 | 7,738 | 8,130 | 85,709 |
| Interest & Late Fees | 5,751 | 5,861 | 5,711 | 5,620 | 4,796 | 5,229 | 4,436 | 4,267 | 2,668 | 1,059 | 45,397 |
| Total Revenues | \$ 213,011 | \$ 210,440 | \$ 201,443 | \$ 226,446 | \$ 261,121 | \$ 161,799 | \$ 146,457 | \$ 175,063 | \$ 209,559 | \$ 189,581 | \$ 1,994,920 |
| Expenses | | | | | | | | | | | |
| Ivy Operations | \$ 30,686 | \$ 47,887 | \$ 24,521 | \$ 37,873 | \$ 24,738 | \$ 22,999 | \$ 25,791 | \$ 22,288 | \$ 24,074 | \$ 17,190 | \$ 278,046 |
| Ivy Environmental | 23,419 | 33,521 | 58,616 | 57,180 | 161,386 | 35,703 | 31,314 | 23,120 | 27,913 | 62,998 | 515,170 |
| Ivy MSW Transfer | 171,245 | 102,574 | 169,468 | 238,643 | 218,966 | 160,587 | 171,683 | 168,485 | 153,788 | 153,560 | 1,708,998 |
| Recycling Operation | 43,486 | 50,059 | 36,921 | 41,934 | 49,724 | 99,835 | 38,759 | 48,305 | 63,993 | 38,256 | 511,273 |
| Administration | 58,374 | 54,319 | 66,132 | 75,171 | 62,149 | 59,507 | 65,541 | 52,842 | 65,878 | 56,415 | 616,327 |
| Total Expenses | \$ 327,210 | \$ 288,360 | \$ 355,657 | \$ 450,800 | \$ 516,964 | \$ 378,631 | \$ 333,089 | \$ 315,040 | \$ 335,645 | \$ 328,418 | \$ 3,629,814 |
| Net Operating Income (Loss) | \$ (114,200) | \$ (77,920) | \$ (154,214) | \$ (224,354) | \$ (255,843) | \$ (216,832) | \$ (186,631) | \$ (139,977) | \$ (126,086) | \$ (138,838) | \$ (1,634,894) |
| Other Funding Sources | | | | | | | | | | | |
| Local Government Contributions | \$ - | \$ 35,067 | \$ 270,204 | \$ 305,271 | \$ - | \$ 35,067 | \$ 270,204 | \$ - | \$ - | \$ 305,271 | \$ 1,221,084 |
| Remediation Support | 79,982 | 87,916 | 247,650 | 159,734 | - | 87,916 | 159,734 | - | - | 247,650 | 1,070,582 |
| Surplus (Deficit) | \$ (34,218) | \$ 45,063 | \$ 363,640 | \$ 240,651 | \$ (255,843) | \$ (93,849) | \$ 243,307 | \$ (139,977) | \$ (126,086) | \$ 414,083 | \$ 656,772 |

**Rivanna Solid Waste Authority
Fiscal Year 2020
April 2020
Revenue Detail Report**

| Revenue Line Item | Tonnage | |
|-----------------------------------|-------------------|---------------|
| | Budget FY 2020 | Actual YTD |
| IVY TIPPING FEES | | |
| Clean Fill Material | 6,500 | 9,049 |
| Grindable Vegetative Material | 2,100 | 3,637 |
| Pallets | - | 21 |
| Tires, Whole | 90 | 66 |
| Tires/White Good (per item) | | |
| <i>Subtotal</i> | 8,690 | 12,772 |
| IVY TRANSFER STATION | | |
| Compost Services | 430 | 375 |
| MSW Transfer Station | 23,000 | 24,179 |
| <i>Subtotal</i> | 23,000 | 24,179 |
| MATERIAL SALES - IVY | | |
| Encore | | |
| Metals | | |
| Wood Mulch & Chips | | |
| Hauling Fees | | |
| Other Materials | | |
| <i>Subtotal</i> | | |
| RECYCLING | | |
| Material Sales | | |
| Other Materials & Services | | |
| Grants-Operating | | |
| Hauling Fees | | |
| <i>Subtotal</i> | | |
| OTHER REVENUES | | |
| Service Charge Fees | | |
| Other Revenues | | |
| REMEDICATION SUPPORT | | |
| UVA Contribution | | |
| County Contribution | | |
| City Contribution | | |
| <i>Subtotal</i> | | |
| INTEREST, LATE FEES, OTHER | | |
| Trust Fund Interest | | |
| Finance Charges | | |
| Capital Reserve Fund Interest | | |
| Operating Investment Interest | | |
| <i>Subtotal</i> | | |
| Total | 31,690 | 36,951 |

| Revenue | | | | |
|---------------------|---------------------|---------------------|----------------------|----------------|
| Budget FY 2020 | Budget YTD | Actual YTD | Budget vs. Actual | Variance % |
| \$ 65,000 | \$ 54,167 | \$ 90,201 | \$ 36,034 | 66.52% |
| 100,800 | 84,000 | 176,695 | 92,695 | 110.35% |
| - | - | 991 | 991 | |
| 17,100 | 14,250 | 12,460 | (1,790) | -12.56% |
| 16,500 | 13,750 | 30,931 | 17,181 | 124.95% |
| \$ 199,400 | \$ 166,167 | \$ 311,278 | \$ 145,111 | 87.33% |
| \$ 76,540 | \$ 63,783 | \$ 66,638 | \$ 2,855 | 4.48% |
| 1,214,000 | 1,011,667 | 1,293,684 | 282,017 | 27.88% |
| \$ 1,290,540 | \$ 1,075,450 | \$ 1,360,322 | \$ 284,872 | 26.49% |
| \$ 20,000 | \$ 16,667 | \$ 11,717 | \$ (4,950) | -29.70% |
| 40,000 | 33,333 | 26,432 | (6,901) | -20.70% |
| 23,000 | 19,167 | 42,671 | 23,504 | 122.63% |
| 40,000 | 33,333 | 13,900 | (19,433) | -58.30% |
| 500 | 417 | - | (417) | -100.00% |
| \$ 123,500 | \$ 102,917 | \$ 94,720 | \$ (8,196) | -7.96% |
| \$ 162,000 | \$ 135,000 | \$ 68,596 | \$ (66,404) | -49.19% |
| 6,300 | 5,250 | 4,204 | (1,046) | -19.92% |
| 29,000 | 24,167 | 24,694 | 527 | 2.18% |
| 3,600 | 3,000 | - | (3,000) | -100.00% |
| \$ 200,900 | \$ 167,417 | \$ 97,494 | \$ (69,923) | -41.77% |
| \$ 85,000 | \$ 70,833 | \$ 69,519 | \$ (1,314) | -1.86% |
| 8,000 | 6,667 | 16,190 | 9,524 | 142.85% |
| \$ 93,000 | \$ 77,500 | \$ 85,709 | \$ 8,209 | 10.59% |
| \$ 79,982 | \$ 66,652 | \$ 79,982 | \$ 13,330 | 20.00% |
| 638,937 | 532,448 | 638,936 | 106,489 | 20.00% |
| 351,663 | 293,053 | 351,664 | 58,612 | 20.00% |
| \$ 1,070,582 | \$ 892,152 | \$ 1,070,582 | \$ 178,430 | 20.00% |
| \$ 2,000 | \$ 1,667 | \$ 2,072 | \$ 405 | 24.30% |
| 600 | 500 | 3,032 | 2,532 | 506.39% |
| 15,000 | 12,500 | 16,048 | 3,548 | 28.38% |
| 25,000 | 20,833 | 24,246 | 3,413 | 16.38% |
| \$ 42,600 | \$ 35,500 | \$ 45,397 | \$ 9,897 | 27.88% |
| \$ 3,020,522 | \$ 2,517,102 | \$ 3,065,502 | \$ 548,401 | 21.79% |

**Rivanna Solid Waste Authority
 Historical Material Tonnage Report - Recycling
 Fiscal Years 2016-2020**

| Fiscal Year 2016 | Fiscal Year 2017 | Fiscal Year 2018 | Fiscal Year 2019 | Fiscal Year 2020 (Jul-Apr) |
|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---|
|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---|

In U.S. Tons

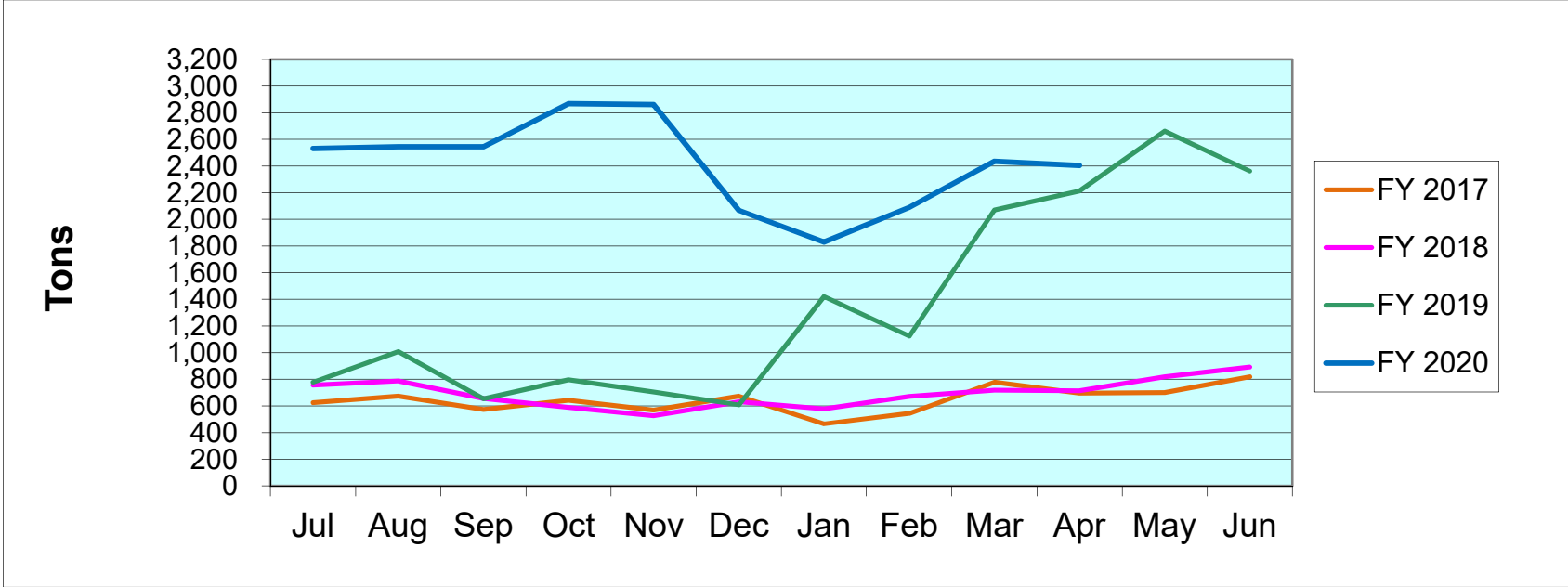
Fiber Products

| | | | | | |
|--------------------------------|--------------|--------------|--------------|--------------|--------------|
| Newspaper, magazines, catalogs | 512 | 419 | 424 | 427 | 120 |
| Cardboard (corrugated) | 459 | 812 | 763 | 807 | 480 |
| Mixed paper and phone books | 214 | 156 | 187 | 265 | 674 |
| File stock (office paper) | 125 | 122 | 111 | 128 | 77 |
| Total Fiber Products | 1,310 | 1,509 | 1,485 | 1,627 | 1,351 |

Other Products

| | | | | | |
|-----------------------------|--------------|--------------|--------------|--------------|--------------|
| Glass | 191 | 252 | 252 | 411 | 391 |
| Metal Cans | 32 | 31 | 41 | 58 | 39 |
| Plastic | 82 | 86 | 103 | 127 | 100 |
| Total Other Products | 305 | 369 | 396 | 596 | 530 |
| Total | 1,615 | 1,878 | 1,881 | 2,223 | 1,881 |

Rivanna Solid Waste Authority
Ivy MSW Transfer Tonnages
FY 2017 - 2020





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: MAY 26, 2020

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

February 2020

- **4,205 vehicles crossed the scales**
- The IMUC transfer station operated 24 days and received a total of 2,089.70 tons of municipal solid waste (MSW), an average of 87.07 tons per day of operation. The monthly transfer station tonnage figures are attached to this report.
- 1,301.75 tons of non-MSW materials were received
- 3,391.45 tons were received as a combined total tonnage (MSW + non-MSW)

March 2020

- **5,335 vehicles crossed the scales**
- The IMUC transfer station operated 26 days and received a total of 2,436.49 tons of municipal solid waste (MSW), an average of 93.71 tons per day of operation. The monthly transfer station tonnage figures are attached to this report.
- 1,581.53 tons of non-MSW materials were received
- 4,018.02 tons were received as a combined total tonnage (MSW + non-MSW)

April 2020

- **5,257 vehicles crossed the scales**
- The IMUC transfer station operated 26 days and received a total of 2,403.87 tons of municipal solid waste (MSW), an average of 92.46 tons per day of operation. The monthly transfer station tonnage figures are attached to this report.
- 1,031.81 tons of non-MSW materials were received
- 3,435.68 tons were received as a combined total tonnage (MSW + non-MSW)

Paint Collection:

On April 28, 2020, the Ivy MUC shipped out the 30th container of paint cans since the program began in August 2016. Each container holds about 4,200 one-gallon paint cans; therefore, we have shipped about 126,000 paint cans. This program continues to make paint disposal more convenient for residents and alleviates some of the congestion during our fall and spring Household Hazardous Waste Days.

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

Compostable Food Waste Collection:

This program continues to operate smoothly at the IMUC. This service is free to 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 5.74 tons of compostable materials residents in February.

The McIntire Recycle Center received 7.15 tons of compostable materials residents in March.

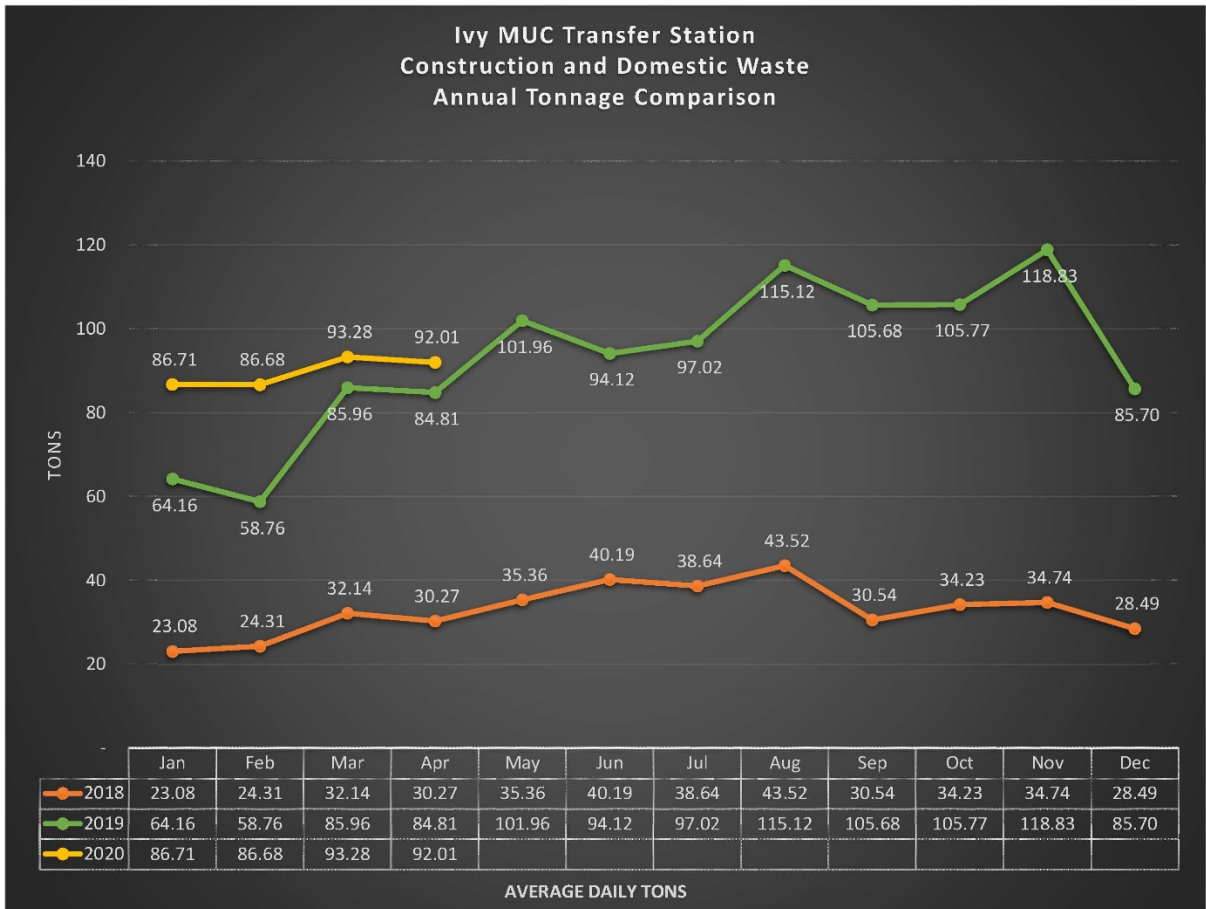
The McIntire Recycle Center received 6.53 tons of compostable materials residents in April.

Compost Sales at Ivy:

On April 17, 2020, compost sales began at Ivy. Previously, McGill Composting had delivered 20 tons of their Soil Builder compost material. This material is made up of organic material, including compostable food waste from McIntire and biosolids from Moores Creek. Because of the ongoing health emergency, we have refrained from broadly advertising that compost is for sale but have sold 4.6 tons to-date. Once business has returned to a more normal state, we will begin advertising that we have this material available for customer's lawn and garden needs.

Transfer Station Update

As shown on the following figure, we can see that waste disposal tonnages are similar to tonnages from this time last year.



Ivy Material Utilization Center
Daily Scale Crossing Data



February 1-29, 2020

Days of
Operation: **24**

| | | MSW collected at Transfer Station (tons) | | | | | | Non-MSW |
|----------------|-----------|--|--------------|-------------|---------------|-----------------|-----------------|-----------------|
| | | Vehicles | Count | Citizen-Can | Construction | Domestic | MSW Total | Total Tons |
| 02/01/20 | Saturday | - | - | - | - | - | - | - |
| 02/02/20 | Sunday | - | - | - | - | - | - | - |
| 02/03/20 | Monday | 278 | 345 | 0.79 | 64.96 | 78.71 | 144.46 | 148.55 |
| 02/04/20 | Tuesday | 267 | 329 | 0.80 | 53.93 | 60.85 | 115.58 | 102.59 |
| 02/05/20 | Wednesday | 168 | 228 | 0.42 | 52.83 | 41.93 | 95.18 | 70.64 |
| 02/06/20 | Thursday | 73 | 111 | 0.04 | 22.75 | 36.81 | 59.60 | 9.17 |
| 02/07/20 | Friday | 128 | 143 | 0.24 | 33.33 | 38.33 | 71.90 | 7.31 |
| 02/08/20 | Saturday | 254 | 324 | 0.93 | 8.99 | 34.22 | 44.14 | 21.90 |
| 02/09/20 | Sunday | - | - | - | - | - | - | - |
| 02/10/20 | Monday | 140 | 167 | 0.11 | 41.80 | 48.83 | 90.74 | 130.19 |
| 02/11/20 | Tuesday | 117 | 117 | 0.44 | 32.44 | 79.53 | 112.41 | 25.22 |
| 02/12/20 | Wednesday | 173 | 191 | 0.12 | 44.63 | 54.04 | 98.79 | 58.32 |
| 02/13/20 | Thursday | 87 | 87 | 0.13 | 35.13 | 27.95 | 63.21 | 15.32 |
| 02/14/20 | Friday | 163 | 203 | 0.47 | 33.05 | 50.92 | 84.44 | 33.59 |
| 02/15/20 | Saturday | 239 | 291 | 0.44 | 16.88 | 36.43 | 53.75 | 24.70 |
| 02/16/20 | Sunday | - | - | - | - | - | - | - |
| 02/17/20 | Monday | 191 | 208 | 0.74 | 45.63 | 46.60 | 92.97 | 71.55 |
| 02/18/20 | Tuesday | 200 | 191 | 0.33 | 67.62 | 32.23 | 100.18 | 101.50 |
| 02/19/20 | Wednesday | 174 | 192 | 0.31 | 52.04 | 72.63 | 124.98 | 79.16 |
| 02/20/20 | Thursday | 152 | 204 | 0.19 | 50.86 | 40.57 | 91.62 | 41.54 |
| 02/21/20 | Friday | 156 | 173 | 0.18 | 50.92 | 51.00 | 102.10 | 74.17 |
| 02/22/20 | Saturday | 233 | 302 | 0.58 | 9.67 | 37.23 | 47.48 | 44.14 |
| 02/23/20 | Sunday | - | - | - | - | - | - | - |
| 02/24/20 | Monday | 159 | 181 | 0.19 | 41.87 | 38.18 | 80.24 | 16.64 |
| 02/25/20 | Tuesday | 140 | 211 | 0.12 | 48.87 | 57.56 | 106.55 | 28.85 |
| 02/26/20 | Wednesday | 156 | 159 | 0.16 | 44.36 | 68.94 | 113.46 | 12.23 |
| 02/27/20 | Thursday | 131 | 169 | 0.34 | 36.62 | 36.32 | 73.28 | 108.13 |
| 02/28/20 | Friday | 167 | 212 | 0.32 | 32.94 | 41.46 | 74.72 | 59.96 |
| 02/29/20 | Saturday | 259 | 332 | 0.98 | 7.80 | 39.14 | 47.92 | 16.38 |
| Total | | 4,205 | 5,070 | 9.37 | 929.92 | 1,150.41 | 2,089.70 | 1,301.75 |
| <i>Average</i> | | 175 | 211 | 0.39 | 38.75 | 47.93 | 87.07 | 54.24 |
| <i>Median</i> | | 165 | 198 | 0.33 | 41.84 | 41.70 | 91.18 | 42.84 |
| <i>Maximum</i> | | 278 | 345 | 0.98 | 67.62 | 79.53 | 144.46 | 148.55 |
| <i>Minimum</i> | | 73 | 87 | 0.04 | 7.80 | 27.95 | 44.14 | 7.31 |

Material Type & Description

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

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

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

Domestic: Business/residential general or household waste

MSW: Materials processed/handled at the Transfer Station

Non-MSW: Materials processed/handled on-site

Vehicle: Transactions or vehicles processed in a day

Ivy Material Utilization Center
Daily Scale Crossing Data



March 1-31, 2020

Days of
Operation: 26

| | | MSW collected at Transfer Station (tons) | | | | | | Non-MSW |
|----------------|-----------|--|--------------|--------------|-----------------|-----------------|-----------------|-----------------|
| | | Vehicles | Count | Citizen-Can | Construction | Domestic | MSW Total | Total Tons |
| 03/01/20 | Sunday | - | - | - | - | - | - | - |
| 03/02/20 | Monday | 155 | 179 | 0.39 | 37.21 | 61.86 | 99.46 | 52.12 |
| 03/03/20 | Tuesday | 180 | 215 | 0.41 | 76.06 | 49.51 | 125.98 | 121.44 |
| 03/04/20 | Wednesday | 193 | 213 | 0.26 | 35.39 | 79.05 | 114.70 | 71.49 |
| 03/05/20 | Thursday | 194 | 243 | 0.33 | 41.80 | 42.62 | 84.75 | 32.01 |
| 03/06/20 | Friday | 232 | 262 | 0.29 | 63.84 | 58.37 | 122.50 | 80.48 |
| 03/07/20 | Saturday | 253 | 323 | 0.71 | 6.49 | 35.30 | 42.50 | 22.87 |
| 03/08/20 | Sunday | - | - | - | - | - | - | - |
| 03/09/20 | Monday | 201 | 210 | 0.28 | 71.24 | 55.97 | 127.49 | 94.54 |
| 03/10/20 | Tuesday | 194 | 210 | 0.50 | 110.47 | 40.83 | 151.80 | 115.67 |
| 03/11/20 | Wednesday | 188 | 235 | 0.27 | 79.68 | 69.21 | 149.16 | 131.44 |
| 03/12/20 | Thursday | 181 | 191 | 0.03 | 68.56 | 37.43 | 106.02 | 46.66 |
| 03/13/20 | Friday | 200 | 229 | 0.35 | 34.22 | 40.05 | 74.62 | 41.96 |
| 03/14/20 | Saturday | 321 | 409 | 0.67 | 15.57 | 38.69 | 54.93 | 17.70 |
| 03/15/20 | Sunday | - | - | - | - | - | - | - |
| 03/16/20 | Monday | 168 | 161 | 0.20 | 30.93 | 39.73 | 70.86 | 37.15 |
| 03/17/20 | Tuesday | 212 | 252 | 0.59 | 72.77 | 47.99 | 121.35 | 25.66 |
| 03/18/20 | Wednesday | 219 | 226 | 0.50 | 50.81 | 52.45 | 103.76 | 124.81 |
| 03/19/20 | Thursday | 187 | 227 | 0.38 | 22.15 | 33.93 | 56.46 | 60.54 |
| 03/20/20 | Friday | 219 | 261 | 0.48 | 52.87 | 55.35 | 108.70 | 74.33 |
| 03/21/20 | Saturday | 285 | 363 | 0.50 | 6.35 | 45.67 | 52.52 | 21.07 |
| 03/22/20 | Sunday | - | - | - | - | - | - | - |
| 03/23/20 | Monday | 126 | 136 | 1.45 | 28.78 | 66.30 | 96.53 | 7.05 |
| 03/24/20 | Tuesday | 183 | 228 | 0.23 | 31.23 | 51.66 | 83.12 | 93.19 |
| 03/25/20 | Wednesday | 125 | 143 | 0.34 | 31.35 | 36.97 | 68.66 | 31.26 |
| 03/26/20 | Thursday | 164 | 203 | 0.52 | 26.77 | 36.94 | 64.23 | 135.37 |
| 03/27/20 | Friday | 210 | 226 | 0.27 | 48.33 | 36.57 | 85.17 | 37.05 |
| 03/28/20 | Saturday | 325 | 360 | 0.78 | 9.51 | 39.28 | 49.57 | 11.85 |
| 03/29/20 | Sunday | - | - | - | - | - | - | - |
| 03/30/20 | Monday | 204 | 248 | 0.26 | 55.74 | 55.62 | 111.62 | 28.47 |
| 03/31/20 | Tuesday | 216 | 223 | 0.24 | 49.39 | 60.40 | 110.03 | 65.35 |
| Total | | 5,335 | 6,176 | 11.23 | 1,157.51 | 1,267.75 | 2,436.49 | 1,581.53 |
| <i>Average</i> | | 205 | 238 | 0.43 | 44.52 | 48.76 | 93.71 | 60.83 |
| <i>Median</i> | | 197 | 227 | 0.37 | 39.51 | 46.83 | 98.00 | 49.39 |
| <i>Maximum</i> | | 325 | 409 | 1.45 | 110.47 | 79.05 | 151.80 | 135.37 |
| <i>Minimum</i> | | 125 | 136 | 0.03 | 6.35 | 33.93 | 42.50 | 7.05 |

Material Type & Description

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

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

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

Domestic: Business/residential general or household waste

MSW: Materials processed/handled at the Transfer Station

Non-MSW: Materials processed/handled on-site

Vehicle: Transactions or vehicles processed in a day

Ivy Material Utilization Center
Daily Scale Crossing Data



April 1-30, 2020

Days of
Operation: 26

| | | MSW collected at Transfer Station (tons) | | | | | Non-MSW | |
|----------------|--------------|--|--------------|-----------------|-----------------|-----------------|-----------------|-------|
| | Vehicles | Count | Citizen-Can | Construction | Domestic | MSW Total | Total Tons | |
| 04/01/20 | Wednesday | 154 | 163 | 0.56 | 36.66 | 32.59 | 69.81 | 35.07 |
| 04/02/20 | Thursday | 171 | 165 | 0.16 | 80.46 | 27.01 | 107.63 | 70.80 |
| 04/03/20 | Friday | 242 | 275 | 0.40 | 66.08 | 47.54 | 114.02 | 77.60 |
| 04/04/20 | Saturday | 330 | 390 | 0.68 | 18.77 | 40.85 | 60.30 | 20.37 |
| 04/05/20 | Sunday | - | - | - | - | - | - | - |
| 04/06/20 | Monday | 174 | 169 | 0.39 | 54.68 | 54.62 | 109.69 | 57.40 |
| 04/07/20 | Tuesday | 248 | 272 | 0.41 | 34.85 | 63.06 | 98.32 | 79.27 |
| 04/08/20 | Wednesday | 176 | 180 | 0.54 | 47.94 | 33.30 | 81.78 | 46.91 |
| 04/09/20 | Thursday | 168 | 203 | 0.48 | 46.16 | 37.08 | 83.72 | 41.78 |
| 04/10/20 | Friday | 187 | 196 | 0.52 | 30.49 | 45.07 | 76.08 | 37.54 |
| 04/11/20 | Saturday | 319 | 372 | 0.77 | 7.90 | 28.97 | 37.64 | 25.48 |
| 04/12/20 | Sunday | - | - | - | - | - | - | - |
| 04/13/20 | Monday | 107 | 153 | 0.32 | 39.41 | 49.16 | 88.89 | 5.91 |
| 04/14/20 | Tuesday | 217 | 212 | 0.53 | 60.41 | 45.67 | 106.61 | 49.36 |
| 04/15/20 | Wednesday | 204 | 229 | 0.44 | 62.85 | 32.42 | 95.71 | 47.68 |
| 04/16/20 | Thursday | 198 | 204 | 0.42 | 41.62 | 39.37 | 81.41 | 79.94 |
| 04/17/20 | Friday | 197 | 210 | 0.28 | 50.04 | 44.07 | 94.39 | 23.82 |
| 04/18/20 | Saturday | 262 | 281 | 1.06 | 9.46 | 31.66 | 42.18 | 13.32 |
| 04/19/20 | Sunday | - | - | - | - | - | - | - |
| 04/20/20 | Monday | 187 | 252 | 0.23 | 88.09 | 54.15 | 142.47 | 11.93 |
| 04/21/20 | Tuesday | 221 | 253 | 0.41 | 69.15 | 59.90 | 129.46 | 21.96 |
| 04/22/20 | Wednesday | 249 | 298 | 0.35 | 53.05 | 64.85 | 118.25 | 56.67 |
| 04/23/20 | Thursday | 184 | 216 | 0.39 | 56.87 | 50.03 | 107.29 | 84.84 |
| 04/24/20 | Friday | 152 | 196 | 0.31 | 67.10 | 42.93 | 110.34 | 15.86 |
| 04/25/20 | Saturday | 260 | 321 | 0.75 | 4.84 | 34.88 | 40.47 | 12.20 |
| 04/26/20 | Sunday | - | - | - | - | - | - | - |
| 04/27/20 | Monday | 146 | 180 | 0.27 | 62.94 | 52.30 | 115.51 | 23.49 |
| 04/28/20 | Tuesday | 209 | 255 | 0.41 | 86.33 | 40.65 | 127.39 | 52.41 |
| 04/29/20 | Wednesday | 191 | 208 | 0.39 | 60.67 | 39.89 | 100.95 | 39.16 |
| 04/30/20 | Thursday | 104 | 119 | 0.21 | 26.45 | 36.90 | 63.56 | 1.04 |
| Total | 5,257 | 5,972 | 11.68 | 1,263.27 | 1,128.92 | 2,403.87 | 1,031.81 | |
| <i>Average</i> | 202 | 230 | 0.45 | 48.59 | 43.42 | 92.46 | 39.69 | |
| <i>Median</i> | 194 | 211 | 0.41 | 51.55 | 41.89 | 97.02 | 38.35 | |
| <i>Maximum</i> | 330 | 390 | 1.06 | 88.09 | 64.85 | 142.47 | 84.84 | |
| <i>Minimum</i> | 104 | 119 | 0.16 | 4.84 | 27.01 | 37.64 | 1.04 | |

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)

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MEMORANDUM

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

FROM: PHIL McKALIPS, DIRECTOR OF SOLID WASTE

REVIEWED BY: BILL MAWYER, EXECUTIVE DIRECTOR

**SUBJECT: AWARD OF CONTRACT FOR VEGETATIVE WASTE
GRINDING, GREEN WASTE RECYCLERS, LLC.**

DATE: MAY 26, 2020

The Rivanna Solid Waste Authority (RSWA) advertised a Request for Bid on April 8, 2020 to hire a contractor to grind the vegetative waste material that has been received at the Ivy Material Utilization Center (IMUC) since grinding operations were completed last year. The RSWA has a tipping fee of \$48 per ton to receive vegetative waste materials from local businesses and residents. This material is periodically ground, and the resulting mulch is resold to commercial and private customers. The request required a fixed fee for grinding the 3411.88 tons of material that had accumulated since the end of grinding last year as well as a fixed, unit price per ton, for material brought to the site since April 12, 2020.

On April 24, 2020, a low, qualified bid was received from Green Waste Recyclers (Green Waste) from Culpeper, Virginia. The bid from Green Waste was for \$87,855.91 for the existing 3,411.88 tons of vegetative material, and \$25.75 per ton for the estimated 1000 tons of material that will accumulate from April 12, 2020 to the end of grinding operations.

Board Action Requested:

Authorize the Executive Director to execute a one-year base contract with Green Waste Recyclers to grind vegetative waste totaling \$87,855.91, and any additional tons required at the unit price of \$25.75 per ton.

MEMORANDUM

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

FROM: BILL MAWYER, EXECUTIVE DIRECTOR

**SUBJECT: INTRODUCTION OF FISCAL YEAR 2020-2021 BUDGET,
AND ADOPTION OF PRELIMINARY RATE RESOLUTION**

DATE: MAY 26, 2020

Fiscal Year 2020-2021 will be another dynamic year for the Rivanna Solid Waste Authority. A new recycling Convenience Center will open in Ivy during the first quarter of the fiscal year, and we recently began stocking compost for sale as part of a pilot program to increase our sustainable services. The Transfer Station continues to receive about 100 tons per day of municipal solid waste and construction demolition debris, 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 Household Hazardous Waste, eWaste (electronics), and Bulky Waste Amnesty Disposal Programs will also be provided for the community.

To support these solid waste programs, along with other operating and environmental expenses, an FY 2020-2021 budget totaling \$5.1 million is proposed. This budget represents an increase in operating expenses of \$0.9 million (21%), largely due to the additional costs to operate the new Convenience Center, a full year of increased tonnage processed by the Transfer Station, and declining revenues for recycled products. Revenues from tip fees and product sales are estimated to be \$2.4 million in FY 2020-2021, a 24% increase above FY 2019-2020 levels, resulting in a net budget increase of \$442,000.

While a 4% merit pool was planned for our employees when our budgeting process began in December 2019, that expense has been removed from the proposed budget due to the economic impacts to the community from the pandemic. Additional positions proposed include 1.5 Attendant/Operators to support the new Convenience Center. Estimated capital outlay expenses total \$480,000 to replace essential equipment and complete regrading of stormwater ditches and the existing pond dam at the Ivy MUC.

This budget does not propose any change in the tipping fees for materials delivered to the Ivy MUC in FY 2020-2021. A fee of \$75/ton for the sale of compost has been added to the rate schedule. The estimated support required to provide our services includes \$2 million from Albemarle County, an increase of \$288,000, \$446,000 from the City, a decrease of \$45,000, \$79,982 from the University of Virginia, and \$200,000 from RSWA reserve funds.

Board Action Recommended:

It is respectfully recommended that the Board of Directors adopt the attached Preliminary Rate Schedule, which authorizes the advertising of the proposed rates to the public and calls for a public hearing on the proposed rates during the Board's regular meeting on June 23, 2020.

Attachment



RESOLUTION

ADOPTION OF THE RIVANNA SOLID WASTE AUTHORITY PRELIMINARY RATE SCHEDULE FOR FISCAL YEAR 2021

WHEREAS, Rivanna Solid Waste Authority (the “Authority”) Board of Directors has reviewed the proposed budget and associated rates for Fiscal Year 2021; and

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

NOW, THEREFORE, BE IT RESOLVED that the Rivanna Solid Waste Authority Board of Directors hereby approves the accompanying Ivy Material Utilization Center preliminary rate schedule for the purpose of notification of a public hearing to be held on June 23, 2020 at 2:00 p.m. during the regularly scheduled Board of Directors meeting.

| <u>TIPPING FEES PER TON:</u> | | <u>TIPPING FEES PER ITEM:</u> | |
|--------------------------------------|-----------|--|-----------|
| Clean Fill Material | \$ 10.00 | Freon Appliances | \$ 17.00 |
| Vegetation/ Yard Waste | \$ 48.00 | Non-Freon Appliances | \$ 9.00 |
| Non-Freon Appliances | \$ 105.00 | Passenger Veh. Tire Off Rim | \$ 6.00 |
| Domestic Waste (MSW) | \$ 52.00 | Passenger Veh. Tire With Rim | \$ 13.00 |
| Construction Debris (CDD) | \$ 52.00 | Large Truck Tire Off Rim | \$ 17.00 |
| Compostable Waste (Business Only) | \$ 178.00 | Large Truck Tire With Rim | \$ 33.00 |
| Tires | \$ 190.00 | | |
| <u>OTHER CHARGES:</u> | | | |
| Minimum Charge (per load) | \$ 6.00 | Service Fee Per Ticket: | |
| Mulch or Lumber Log (per ton) | \$ 30.00 | Albemarle County customers | \$ 1.00 |
| Compost Sold (per ton) | \$ 75.00 | Other customers | \$ 10.00 |
| Trash Stickers (for set of 12) | \$ 24.00 | Hauling Fee Per Load Based on Location: | |
| Ticket Request (per copy) | \$ 1.00 | Minimum | \$ 100.00 |
| Credit Application Fee (each) | \$ 35.00 | Maximum | \$ 142.00 |



**RIVANNA SOLID WASTE AUTHORITY
PUBLIC HEARING CONCERNING THE DRAFT
BUDGET AND PROPOSED TIPPING FEES
FOR FY 2021, WHICH BEGINS JULY 1, 2020**

Public Hearing:

Rivanna Solid Waste Authority will hold a public hearing on Tuesday, June 23, 2020 at 2:00 p.m. at the regular Rivanna Solid Waste Authority Board of Directors meeting. The purpose of the public hearing is to consider the following fees and charges effective July 1, 2020:

| <u>TIPPING FEES PER TON:</u> | | <u>TIPPING FEES PER ITEM:</u> | |
|--------------------------------------|-----------|---|-----------|
| Clean Fill Material | \$ 10.00 | Freon Appliances | \$ 17.00 |
| Vegetation/ Yard Waste | \$ 48.00 | Non-Freon Appliances | \$ 9.00 |
| Non-Freon Appliances | \$ 105.00 | Passenger Veh. Tire Off Rim | \$ 6.00 |
| Domestic Waste (MSW) | \$ 52.00 | Passenger Veh. Tire With Rim | \$ 13.00 |
| Construction Debris (CDD) | \$ 52.00 | Large Truck Tire Off Rim | \$ 17.00 |
| Compostable Waste (Business Only) | \$ 178.00 | Large Truck Tire With Rim | \$ 33.00 |
| Tires | \$ 190.00 | | |
| <u>OTHER CHARGES:</u> | | | |
| Minimum Charge (per load) | \$ 6.00 | Service Fee Per Ticket: | |
| Mulch or Lumber Log (per ton) | \$ 30.00 | Albemarle County customers | \$ 1.00 |
| Compost Sold (per ton) | \$ 75.00 | Other customers | \$ 10.00 |
| Trash Stickers (for set of 12) | \$ 24.00 | Hauling Fee Per Load Based on Location: | |
| Ticket Request (per copy) | \$ 1.00 | Minimum | \$ 100.00 |
| Credit Application Fee (each) | \$ 35.00 | Maximum | \$ 142.00 |

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

Fiscal Year 2020-2021

Budget Proposal



Board of Directors

May 26, 2020

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**Rivanna Solid Waste Authority
FY 2021 Proposed Budget**

Table of Contents

Prepared April 23, 2020
Adopted Draft

| | | <i>Page</i> |
|--|--|--------------------|
| Narrative Budget Highlights | See Executive Director's Memo & Tip Fee Resolution | N/A |
| Budget Summary by Program & Environmental Horizon | | I-II |
| Organization Chart | | III |
| Budget Summary | | 1 |
| Revenue Estimates | | 2 |
| Expense Details by Department | | |
| Ivy Operations | | 4 |
| Ivy Environmental | | 6 |
| MSW Transfer Operations-Ivy | | 8 |
| Convenience Center-Ivy | | 10 |
| Recycling Operations | | 12 |
| Administration | | 14 |
| Authoritywide | | 16 |
| Capital Program Expenses | | 21 |
| Appendices | | |
| 1 - Definitions of Terms | | 24 |
| 2 - Authority Staffing Plan | | 25 |
| 3 - Cost Allocation for Administrative Services Provided by RWSA | | 26 |
| 4 - Historical Material Tonnage Report - Waste | | 27 |
| 5 - Historical Material Tonnage Report - Recycling | | 29 |
| 6 - MSW Transfer Tonnage Graphs | | 31 |
| 7 - Cash Reserves Estimates | | 32 |
| 8 - Local Support Summary | | 33 |

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**RIVANNA SOLID WASTE AUTHORITY
BUDGET SUMMARY BY PROGRAM
FISCAL YEAR 2021**

| Operations Only | Operations Programs Only | | IVY OPERATIONS | | MSW-IVY TRANSFER | | IVY CONVENIENCE CENTER | | RECYCLE OPERATIONS | | ADMINISTRATION SERVICES | |
|---|---------------------------------|--------------------------------|-------------------------------|--------------------------------|-------------------------------|--------------------------------|-------------------------------|--------------------------------|-------------------------------|--------------------------------|--------------------------------|--------------------------------|
| | Adopted Budget FY 2020 | Proposed Budget FY 2021 | Adopted Budget FY 2020 | Proposed Budget FY 2021 | Adopted Budget FY 2020 | Proposed Budget FY 2021 | Adopted Budget FY 2020 | Proposed Budget FY 2021 | Adopted Budget FY 2020 | Proposed Budget FY 2021 | Adopted Budget FY 2020 | Proposed Budget FY 2021 |
| REVENUES | | | | | | | | | | | | |
| Ivy Tipping Fees | \$ 199,400 | \$ 236,000 | \$ 199,400 | \$ 236,000 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Ivy MSW Tipping | 1,290,540 | 1,771,000 | - | - | 1,290,540 | 1,771,000 | - | - | - | - | - | - |
| Material Sales-Ivy | 123,500 | 110,000 | 123,500 | 110,000 | - | - | - | - | - | - | - | - |
| Recycling Revenues | 200,900 | 156,300 | - | - | - | - | - | 20,000 | 200,900 | 136,300 | - | - |
| Other Revenues | 93,000 | 93,000 | - | - | 93,000 | 93,000 | - | - | - | - | - | - |
| Interest & Fees | 42,600 | 51,400 | - | - | - | - | - | - | - | - | 42,600 | 51,400 |
| Total Revenues | \$ 1,949,940 | \$ 2,417,700 | \$ 322,900 | \$ 346,000 | \$ 1,383,540 | \$ 1,864,000 | \$ - | \$ 20,000 | \$ 200,900 | \$ 136,300 | \$ 42,600 | \$ 51,400 |
| % Change | | 23.99% | | 7.15% | | 34.73% | | | | -32.16% | | 20.66% |
| EXPENSES | | | | | | | | | | | | |
| Ivy Operations | \$ 345,846 | \$ 402,666 | \$ 345,846 | \$ 402,666 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| MSW Transfer-Ivy | 1,772,102 | 2,262,393 | - | - | 1,772,102 | 2,262,393 | - | - | - | - | - | - |
| Ivy Convenience Center | - | 300,682 | - | - | - | - | - | 300,682 | - | - | - | - |
| Recycling Operations | 531,656 | 553,158 | - | - | - | - | - | - | 531,656 | 553,158 | - | - |
| Administration | 726,629 | 797,358 | - | - | - | - | - | - | - | - | 726,629 | 797,358 |
| Total Expenses | \$ 3,376,232 | \$ 4,316,258 | \$ 345,846 | \$ 402,666 | \$ 1,772,102 | \$ 2,262,393 | \$ - | \$ 300,682 | \$ 531,656 | \$ 553,158 | \$ 726,629 | \$ 797,358 |
| % Change | | 27.84% | | 16.43% | | 27.67% | | | | 4.04% | | 9.73% |
| Subtotal | \$ (1,426,292) | \$ (1,898,558) | \$ (22,946) | \$ (56,666) | \$ (388,562) | \$ (398,393) | \$ - | \$ (280,682) | \$ (330,756) | \$ (416,858) | \$ (684,029) | \$ (745,958) |
| Administrative allocations (Appendix 3) | | | | | | | | | | | | |
| Administrative costs to Envir. MOU | \$ 205,209 | \$ 223,787 | - | - | - | - | - | - | - | - | \$ 205,209 | \$ 223,787 |
| Administrative costs to Operations | - | - | (171,007) | (186,490) | (171,007) | (186,490) | - | - | (136,806) | (149,192) | 478,820 | 522,171 |
| Net Operating Results | \$ (1,221,083) | \$ (1,674,771) | \$ (193,953) | \$ (243,156) | \$ (559,569) | \$ (584,882) | \$ - | \$ (280,682) | \$ (467,562) | \$ (566,050) | \$ (0) | \$ - |
| Other Funding Sources & Adjustments: | | | | <i>Variance</i> | | | | | | | | |
| Local Government Contributions - Operations | \$ 1,221,083 | \$ 1,674,771 | | 453,688 | | | | | | | | |
| County Contribution - Capital Grant | \$ 350,000 | \$ - | | | | | | | | | | |
| Transfer to Capital Fund-Ivy Recycling Center | (350,000) | - | | | | | | | | | | |
| Surplus (Deficit) - Operations | \$ (0) | \$ 0 | | | | | | | | | | |

| Environmental Programs | Adopted Budget FY 2020 | Proposed Budget FY 2021 | |
|--|-------------------------------|--------------------------------|------------------|
| LOCAL SUPPORT | | | |
| MOU Support | \$ 1,070,582 | \$ 858,998 | (211,584) |
| Total MOU Support | \$ 1,070,582 | \$ 858,998 | 242,103 |
| | | -19.76% | |
| EXPENSES | | | |
| Ivy Environmental | \$ 865,373 | \$ 835,210 | |
| Administrative allocation | 205,209 | 223,787 | |
| | \$ 1,070,582 | \$ 1,058,998 | |
| | | -3.49% | |
| Cash Reserves Used | \$ - | \$ 200,000 | |
| Surplus (Deficit) - Environmental | \$ - | \$ - | |

**RIVANNA SOLID WASTE AUTHORITY
ENVIRONMENTAL HORIZON**

| Item | Description | FY 2020 Adopted | FY 2020 as of December 2019 | Estimated Yearend FY 2020 | FY 2021 | FY 2022 | FY 2023 | FY 2024 | FY 2025 | FY 2026-2030 Five year Estimate | TEN YEAR ESTIMATE |
|------|--|-------------------|-----------------------------|---------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|---------------------------------|---------------------|
| 1 | Groundwater System Maintenance | \$ 6,500 | \$ 5,073 | \$ 6,000 | \$ 6,500 | \$ 6,500 | \$ 6,500 | \$ 6,500 | \$ 6,500 | \$ 32,500 | \$ 65,000 |
| 2 | Gas System Maintenance support | 30,000 | 855 | 2,000 | 30,000 | 30,000 | 50,000 | 30,000 | 30,000 | 150,000 | 320,000 |
| 3 | Ambient Air & Ground Water Monitoring - Settlement Agreement | 6,000 | 10,099 | 15,000 | 7,000 | 5,000 | 5,000 | 5,000 | 5,000 | 25,000 | 52,000 |
| 4 | Compliance Ground Water Well Monitoring - Permit related | 65,000 | 31,486 | 63,000 | 75,000 | 65,000 | 70,000 | 70,000 | 70,000 | 350,000 | 700,000 |
| 5 | Surface Water | 15,000 | 9,936 | 18,000 | 18,000 | 15,000 | 15,000 | 15,000 | 15,000 | 75,000 | 153,000 |
| 6 | Cell 3 Cap Replacement | 250,000 | - | 50,000 | 200,000 | - | - | - | - | - | 200,000 |
| 7 | Cell 3 O&M | - | - | - | - | - | - | - | - | - | - |
| 8 | Paint Pit SVE | - | - | - | - | - | - | - | - | - | - |
| 9 | Full-Scale EBR - Monitoring | 30,000 | 31,437 | 42,000 | 35,000 | 30,000 | 35,000 | 35,000 | 35,000 | 175,000 | 345,000 |
| 10 | Full-Scale EBR - Injections and Reporting | - | - | - | - | - | 30,000 | - | - | - | 30,000 |
| 11 | Cobalt MNA Monitoring | 4,000 | - | - | 5,000 | 4,000 | 4,000 | 4,000 | 4,000 | 20,000 | 41,000 |
| 12 | Greenhouse Gas Monitoring and Reporting | 5,000 | - | 5,000 | 5,000 | 5,000 | 5,000 | 5,000 | 5,000 | 25,000 | 50,000 |
| | | | | | | | | | | - | - |
| N/A | Existing Operations & Maintenance (staff, insurance, maint.) | 434,123 | 280,939 | 503,376 | 433,710 | 446,722 | 460,123 | 473,927 | 488,145 | 502,789 | 2,805,417 |
| N/A | Contingency | 20,000 | - | - | 20,000 | 20,000 | 20,000 | 20,000 | 20,000 | 100,000 | 200,000 |
| | | | | | | | | | | | |
| | Total Estimated Cost | \$ 865,623 | \$ 369,825 | \$ 704,376 | \$ 835,210 | \$ 607,222 | \$ 680,623 | \$ 644,427 | \$ 658,645 | \$ 1,355,289 | \$ 4,961,417 |

Rivanna Solid Waste Authority
Fiscal Year 2020-2021 Budget Summary - Proposed

| OPERATIONS | Adopted Budget FY 2019-2020 | Estimated Year-end FY 2019-2020 | Proposed Budget FY 2020-2021 | FY 2020 vs. FY 2021 Variance \$ | FY 2020 vs. FY 2021 Variance % |
|--|--|--|---|--|---|
| Revenues | | | | | |
| Ivy Tipping Fees | \$ 199,400 | \$ 368,059 | \$ 236,000 | \$ 36,600 | 18.36% |
| Ivy MSW Transfer Tipping | 1,290,540 | 1,744,192 | 1,771,000 | 480,460 | 37.23% |
| Material & Other Sales-Ivy | 123,500 | 97,394 | 110,000 | (13,500) | -10.93% |
| Ivy Convenience Center | - | - | 20,000 | 20,000 | |
| Recycling Revenues | 200,900 | 133,062 | 136,300 | (64,600) | -32.16% |
| Other Revenues | 93,000 | 99,772 | 93,000 | - | 0.00% |
| Interest & Fees | 42,600 | 63,906 | 51,400 | 8,800 | 20.66% |
| Total Revenues | \$ 1,949,940 | \$ 2,506,385 | \$ 2,417,700 | \$ 467,760 | 23.99% |
| Expenses | | | | | |
| Ivy Operations | \$ 345,846 | \$ 370,474 | \$ 402,666 | \$ 56,821 | 16.43% |
| MSW Transfer Ivy | 1,772,102 | 2,086,150 | 2,262,393 | 490,291 | 27.67% |
| Ivy Convenience Center | - | - | 300,682 | 300,682 | |
| Recycling Operations | 531,656 | 573,950 | 553,158 | 21,502 | 4.04% |
| Administration | 726,629 | 747,634 | 797,358 | 70,729 | 9.73% |
| Total Expenses | \$ 3,376,232 | \$ 3,778,208 | \$ 4,316,258 | \$ 940,025 | 27.84% |
| Admin. costs funded by Environmental Program | 205,209 | \$ 205,610 | \$ 223,787 | 18,578 | |
| Operating Net Income (Loss) | \$ (1,221,083) | \$ (1,066,213) | \$ (1,674,771) | \$ (453,687) | 37.15% |
| Other Funding Sources & Adjustments | | | | | |
| Local Government Contributions-Operations | \$ 1,221,084 | \$ 1,221,084 | \$ 1,674,771 | \$ 453,687 | 37.15% |
| County Contribution-Capital Grant | 350,000 | 350,000 | - | (350,000) | |
| Transfer to Capital Fund-Transfer Station | (350,000) | (350,000) | - | 350,000 | |
| Net Income (Loss) | \$ - | \$ 154,871 | \$ - | \$ (1) | |
| ENVIRONMENTAL PROGRAMS (MOU) | | | | | |
| Revenues | | | | | |
| | \$ - | \$ - | \$ - | \$ - | |
| Expenses | | | | | |
| Ivy Environmental | \$ 865,373 | \$ 704,376 | \$ 835,210 | \$ (30,163) | -3.49% |
| Administrative allocation to MOU (30%) | 205,209 | 205,610 | 223,787 | 18,578 | 9.05% |
| Total Expenses | \$ 1,070,582 | \$ 909,986 | \$ 1,058,998 | \$ (11,584) | -1.08% |
| Other Funding Sources | | | | | |
| City of Charlottesville | \$ 351,663 | \$ 351,663 | \$ 276,551 | \$ (75,112) | -21.36% |
| County of Albemarle | 638,937 | 638,937 | 502,465 | (136,472) | -21.36% |
| University of Virginia | 79,982 | 79,982 | 79,982 | - | 0.00% |
| Use of Cash Reserves | - | - | 200,000 | 200,000 | |
| Total | \$ 1,070,582 | \$ 1,070,582 | \$ 1,058,998 | \$ (11,584) | -1.08% |
| Net Environmental Results | \$ (0) | \$ 160,596 | \$ - | \$ 0 | |
| Authoritywide - Summary | | | | | |
| Total Revenues | \$ 1,949,940 | \$ 2,506,385 | \$ 2,417,700 | \$ 467,760 | 23.99% |
| Total Expenses | 4,241,606 | 4,482,583 | 5,151,468 | 909,863 | 21.45% |
| Net Results | \$ (2,291,666) | \$ (1,976,198) | \$ (2,733,768) | \$ (442,103) | 19.29% |
| Local Support | | | | | |
| Operations | \$ 1,221,084 | \$ 1,221,084 | \$ 1,674,771 | \$ 453,687 | 37.15% |
| Environmental MOU | 1,070,582 | 1,070,582 | 1,058,998 | (11,584) | -1.08% |
| Total | \$ 2,291,666 | \$ 2,291,666 | \$ 2,733,768 | \$ 442,102 | 19.29% |

Rivanna Solid Waste Authority
Fiscal Year 2020-2021
Proposed Budget
Detailed Operating Revenue Estimates

| Revenue Line Item | Tipping Fees | | Tonnage | | FY 2020 | | Revenue Estimates | | FY 2020 vs. FY 2021 | FY 2020 vs. FY 2021 |
|--|--------------|--------------|-----------------------------|--------------------|------------------------------|-------------------------------|----------------------|-----------------------|---------------------|---------------------|
| | FY 2019-2020 | FY 2020-2021 | Budgeted Estimate 2019-2020 | Estimate 2020-2021 | Actual \$ 6 Months 2019-2020 | Projected 12 Months 2019-2020 | Adopted FY 2019-2020 | Proposed FY 2020-2021 | Variance \$ | Variance % |
| | | | | | | | | | | |
| IVY TIPPING FEES | | | | | | | | | | |
| Clean Fill Material | \$ 10.00 | \$ 10.00 | 6,500 | 6,800 | \$ 55,861 | \$ 111,722 | \$ 65,000 | \$ 68,000 | \$ 3,000 | 5% |
| Pallets | | | - | - | 991 | 991 | - | - | - | |
| Grindable Material | 48.00 | 48.00 | 2,100 | 2,400 | 97,903 | 195,806 | 100,800 | 115,200 | 14,400 | 14% |
| Tires, Whole | 190.00 | 190.00 | 90 | 120 | 10,237 | 20,474 | 17,100 | 22,800 | 5,700 | 33% |
| Tires/White Good (per item) | | | | | 19,533 | 39,066 | 16,500 | 30,000 | 13,500 | 82% |
| <i>Subtotal</i> | | | 8,690 | 9,320 | \$ 184,525 | \$ 368,059 | \$ 199,400 | \$ 236,000 | \$ 36,600 | 18% |
| TRANSFER STATION - IVY TIPPING FEES | | | | | | | | | | |
| Compost Charge for Services | \$ 178.00 | \$ 178.00 | 430 | 500 | \$ 47,823 | \$ 95,646 | \$ 76,540 | \$ 89,000 | \$ 12,460 | 16% |
| IVY - MSW/Const. TS | 52.00 | 52.00 | 23,000 | 32,000 | 824,273 | 1,648,546 | 1,214,000 | 1,682,000 | 468,000 | 39% |
| <i>Subtotal</i> | | | 23,000 | 32,000 | \$ 872,096 | \$ 1,744,192 | \$ 1,290,540 | \$ 1,771,000 | \$ 480,460 | 37% |
| MATERIAL SALES - IVY | | | | | | | | | | |
| Encore | | | | | \$ 9,513 | \$ 19,026 | \$ 20,000 | \$ 20,000 | \$ - | 0% |
| Metals | | | | | 18,169 | 36,338 | 40,000 | 40,000 | - | 0% |
| Wood Mulch & Chips | | | | | 12,215 | 24,430 | 23,000 | 30,000 | 7,000 | 30% |
| Hauling Fees | | | | | 8,800 | 17,600 | 40,000 | 20,000 | (20,000) | -50% |
| Other Materials | | | | | - | - | 500 | - | (500) | -100% |
| <i>Subtotal</i> | | | | | \$ 48,697 | \$ 97,394 | \$ 123,500 | \$ 110,000 | \$ (13,500) | -11% |
| IVY CONVENIENCE CENTER | | | | | | | | | | |
| Material Sales | | | | | \$ - | \$ - | \$ - | \$ 20,000 | \$ 20,000 | |
| <i>Subtotal</i> | | | | | \$ - | \$ - | \$ - | \$ 20,000 | \$ 20,000 | |
| RECYCLING REVENUES | | | | | | | | | | |
| Material Sales | | | | | \$ 49,980 | \$ 99,960 | \$ 162,000 | \$ 105,300 | \$ (56,700) | -35% |
| Other Materials & Services | | | | | 4,204 | 8,408 | 6,300 | 6,000 | (300) | -5% |
| Grants | | | | | 24,694 | 24,694 | 29,000 | 25,000 | (4,000) | -14% |
| Hauling Fees | | | | | - | - | 3,600 | - | (3,600) | -100% |
| <i>Subtotal</i> | | | | | \$ 78,878 | \$ 133,062 | \$ 200,900 | \$ 136,300 | \$ (64,600) | -32% |
| OTHER REVENUES | | | | | | | | | | |
| Service Charge Fees | | | | | \$ 42,386 | \$ 84,772 | \$ 85,000 | \$ 85,000 | \$ - | 0% |
| Other Revenues | | | | | 14,711 | 15,000 | 8,000 | 8,000 | - | 0% |
| <i>Subtotal</i> | | | | | \$ 57,097 | \$ 99,772 | \$ 93,000 | \$ 93,000 | \$ - | 0% |
| INTEREST, LATE FEES, OTHER | | | | | | | | | | |
| Trust Fund Interest | | | | | \$ 1,381 | \$ 2,762 | \$ 2,000 | \$ 2,200 | \$ 200 | 10% |
| Finance Charges | | | | | 2,514 | 3,000 | 600 | 1,200 | 600 | 100% |
| Capital Fund Interest | | | | | 11,631 | 23,262 | 15,000 | 18,000 | 3,000 | 20% |
| Daily Investment Interest | | | | | 17,441 | 34,882 | 25,000 | 30,000 | 5,000 | 20% |
| <i>Subtotal</i> | | | | | \$ 32,967 | \$ 63,906 | \$ 42,600 | \$ 51,400 | \$ 8,800 | 21% |
| Total Revenues | | | | | \$1,274,260 | \$ 2,506,385 | \$ 1,949,940 | \$ 2,417,700 | \$ 467,760 | 24% |
| REMEDIATION SUPPORT | | | | | | | | | | |
| UVA Contribution | | | | | \$ 79,982 | \$ 79,982 | \$ 79,982 | \$ 79,982 | \$ - | 0% |
| County Contribution | | | | | 319,468 | 638,936 | 638,937 | 502,465 | (136,472) | -21% |
| City Contribution | | | | | 263,748 | 351,664 | 351,663 | 276,551 | (75,112) | -21% |
| Total Remediation Local Support | | | | | \$ 663,198 | \$ 1,070,582 | \$ 1,070,582 | \$ 858,998 | \$ (211,584) | -20% |

Expense Details by Department

Rivanna Solid Waste Authority

Fiscal Year 2020-2021

**Rivanna Solid Waste Authority
Fiscal Year 2020-2021 Proposed Budget
Expense Detail by Department
IVY OPERATIONS**

| Object Code | Line Item | Adopted Budget FY 2019-2020 | Current Year Activity | | Proposed Budget FY 2020-2021 | FY 2020 | FY 2020 |
|-------------|--|--------------------------------|------------------------------------|---------------------------------|---------------------------------|----------------------------------|---------------------------------|
| | | | Six Months Actual 12/31/2019 | Projected Yearend 6/30/20 | | vs. FY 2021 Variance \$ | vs. FY 2021 Variance % |
| 10000 | Salaries and Benefits | | | | | | |
| 11000 | Salaries | \$ 123,800 | \$ 56,151 | \$ 112,302 | \$ 133,575 | \$ 9,775 | 7.9% |
| 11010 | Holiday & Overtime Pay | 8,600 | 8,707 | 17,414 | 12,000 | 3,400 | 40% |
| 12010 | FICA | 10,129 | 4,813 | 9,626 | 11,136 | 1,008 | 10% |
| 12020 | Health Insurance | 26,800 | 14,097 | 28,194 | 31,950 | 5,150 | 19% |
| 12026 | Employee Assistance Program | 30 | 13 | 26 | 30 | - | 0% |
| 12030 | Retirement | 11,538 | 4,951 | 9,902 | 12,810 | 1,272 | 11% |
| 12040 | Life Insurance | 1,622 | 670 | 1,340 | 1,790 | 168 | 10% |
| 12050 | Fitness Program | 50 | 80 | 160 | 200 | 150 | 300% |
| 12060 | Worker's Comp Insurance | 10,200 | 7,581 | 9,228 | 8,300 | (1,900) | -19% |
| | Subtotal | \$ 192,769 | \$ 97,063 | \$ 188,192 | \$ 211,791 | \$ 19,023 | 10% |
| 13000 | Other Personnel Costs | | | | | | |
| 13100 | Employee Dues & Licenses | \$ 100 | \$ 5 | \$ 10 | \$ 100 | \$ - | 0% |
| 13150 | Education & Training | 700 | 306 | 612 | 700 | - | 0% |
| 13200 | Travel & Lodging | 200 | 57 | 114 | 200 | - | 0% |
| 13250 | Uniforms | 2,600 | 1,136 | 2,272 | 2,600 | - | 0% |
| 13325 | Recruiting and Medical Testing | 200 | 264 | 528 | 200 | - | 0% |
| 13350 | Other | 500 | 122 | 244 | 500 | - | 0% |
| | Subtotal | \$ 4,300 | \$ 1,890 | \$ 3,780 | \$ 4,300 | \$ - | 0% |
| | Professional Services | | | | | | |
| 20100 | Legal Fees | \$ - | \$ - | \$ - | \$ - | \$ - | |
| 20200 | Financial & Admin. Services | - | - | - | - | - | |
| 20300 | Engineering Consultants | - | 368 | 736 | - | - | |
| | Subtotal | \$ - | \$ 368 | \$ 736 | \$ - | \$ - | |
| | Other Services and Charges | | | | | | |
| 21100 | General Liability/Property Insurance | \$ 5,500 | \$ 1,500 | \$ 3,000 | \$ 3,000 | \$ (2,500) | -45% |
| 21150 | Advertising / Communication / Outreach | - | - | - | - | - | |
| 21250 | Administrative Services RWSA | - | - | - | - | - | |
| 21252 | EMS Programs/Supplies | - | - | - | - | - | |
| 21253 | Safety Programs/Supplies | - | 75 | 150 | - | - | |
| 21300 | Authority Dues/Permits/Fees | 1,200 | - | 1,200 | 1,200 | - | 0% |
| 21350 | Laboratory Analysis | - | - | - | - | - | |
| 21400 | Utilities | 3,500 | 1,557 | 3,114 | 3,500 | - | 0% |
| 21420 | General Other Services | 1,000 | 13,230 | 26,460 | 1,000 | - | 0% |
| 21430 | Governance & Strategic Support | - | - | - | - | - | |
| 21450 | Bad Debt Write-Offs | - | - | - | - | - | |
| | Subtotal | \$ 11,200 | \$ 16,362 | \$ 31,724 | \$ 8,700 | \$ (2,500) | -22% |
| 22000 | Communication | | | | | | |
| 22100 | Radio | \$ - | \$ - | \$ - | \$ - | \$ - | |
| 22150 | Telephone & Data Service | 1,400 | 500 | 1,000 | 1,400 | - | 0% |
| 22200 | Cell Phones & Pagers | 400 | 170 | 340 | 400 | - | 0% |
| | Subtotal | \$ 1,800 | \$ 670 | \$ 1,340 | \$ 1,800 | \$ - | 0% |
| 31000 | Information Technology | | | | | | |
| 31100 | Computer Hardware | \$ 1,000 | \$ 2,310 | \$ 4,620 | \$ 1,000 | \$ - | 0% |
| 31200 | Maintenance & Support Services | 275 | 278 | 556 | 275 | - | 0% |
| 31250 | Software Purchases | - | - | - | - | - | |
| | Subtotal | \$ 1,275 | \$ 2,588 | \$ 5,176 | \$ 1,275 | \$ - | 0% |
| 32000 | Vehicles and Equipment Maint. | | | | | | |
| 32100 | Vehicle Maintenance & Repair | \$ 10,000 | \$ 5,475 | \$ 10,950 | \$ 10,000 | \$ - | 0% |
| 32150 | Equipment Maint. & Repair | 30,000 | 7,482 | 30,000 | 25,000 | (5,000) | -17% |

**Rivanna Solid Waste Authority
Fiscal Year 2020-2021 Proposed Budget
Expense Detail by Department
IVY OPERATIONS**

| Object Code | Line Item | Adopted Budget FY 2019-2020 | Current Year Activity | | Proposed Budget FY 2020-2021 | FY 2020 | FY 2020 |
|-------------|---|--------------------------------|------------------------------------|---------------------------------|---------------------------------|----------------------------------|---------------------------------|
| | | | Six Months Actual 12/31/2019 | Projected Yearend 6/30/20 | | vs. FY 2021 Variance \$ | vs. FY 2021 Variance % |
| 32200 | Fuel | 5,000 | 4,438 | 8,876 | 8,800 | 3,800 | 76% |
| 32300 | Trailer Maint. & Repairs | - | - | - | - | - | - |
| | Subtotal | \$ 45,000 | \$ 17,395 | \$ 34,790 | \$ 43,800 | \$ (1,200) | -3% |
| 33000 | Supplies | | | | | | |
| 33100 | Office Supplies | \$ 1,000 | \$ 616 | \$ 1,232 | \$ 1,000 | \$ - | 0% |
| 33150 | Subscriptions/Reference Material | - | - | - | - | - | - |
| 33350 | Postage | 2 | - | - | - | (2) | - |
| | Subtotal | \$ 1,002 | \$ 616 | \$ 1,232 | \$ 1,000 | \$ (2) | 0% |
| 41000 | Operation & Maintenance | | | | | | |
| 41100 | Facility Maintenance/Repairs/Replacements | \$ 9,500 | \$ 3,409 | \$ 6,818 | \$ 8,000 | \$ (1,500) | -16% |
| 41400 | Materials, Supplies & Tools | 1,000 | 1,337 | 2,674 | 1,000 | - | 0% |
| 41450 | HHW Disposal | - | - | - | - | - | - |
| 41500 | Contracted Labor | - | 7,305 | 14,610 | - | - | - |
| 41550 | Material Purchases | - | 31 | 62 | - | - | - |
| 41650 | Wood Grinding | 50,000 | 20,004 | 80,000 | 80,000 | 30,000 | 60% |
| 41700 | Building Rental | - | - | - | - | - | - |
| 41750 | Leach Treatment | - | - | - | - | - | - |
| 41760 | Tire Disposal | 8,000 | 9,666 | 19,332 | 16,000 | 8,000 | 100% |
| | Subtotal | \$ 68,500 | \$ 41,752 | \$ 83,504 | \$ 105,000 | \$ 36,500 | 53% |
| 43000 | Disposal Contracts | | | | | | |
| 43100 | MSW - Ivy Transfer | \$ - | \$ - | \$ - | \$ - | \$ - | - |
| | Subtotal | \$ - | \$ - | \$ - | \$ - | \$ - | - |
| 51000 | Ivy Remediation | | | | | | |
| 41350 | Ground Water Systems Maintenance | \$ - | \$ - | \$ - | \$ - | \$ - | - |
| 41360 | Gas Systems Maintenance | - | - | - | - | - | - |
| 51101 | Settlement Agreement (Air & Groundwater) | - | - | - | - | - | - |
| 51110 | Compliance Ground Water Well Monitoring | - | - | - | - | - | - |
| 51200 | Surface Water Monitoring | - | - | - | - | - | - |
| 51225 | Cap Replacement and Repair | - | - | - | - | - | - |
| 51224 | O&M Cell 3 and P.Plant place holder | - | - | - | - | - | - |
| 51300 | Paint Pit Remed. - Gas & Vapor Extraction | - | - | - | - | - | - |
| 51649 | Full Scale EBR - Monitoring | - | - | - | - | - | - |
| 51651 | Full Scale EBR - Injection & Reporting | - | - | - | - | - | - |
| 51660 | Greenhouse Gas Monitoring & Reporting | - | - | - | - | - | - |
| 51670 | Cobalt MNA Monitoring | - | - | - | - | - | - |
| 41900 | Closure Costs | - | - | - | - | - | - |
| 51800 | Contingency | - | - | - | - | - | - |
| | Subtotal | \$ - | \$ - | \$ - | \$ - | \$ - | - |
| 81000 | Equipment | | | | | | |
| 81200 | Rental & Leases | \$ - | \$ - | \$ - | \$ - | \$ - | - |
| | Depreciation | 20,000 | 10,000 | 20,000 | 25,000 | 5,000 | 25% |
| | Subtotal | \$ 20,000 | \$ 10,000 | \$ 20,000 | \$ 25,000 | \$ 5,000 | 25% |
| | Total | \$ 345,846 | \$ 188,704 | \$ 370,474 | \$ 402,666 | \$ 56,821 | 16% |

**Rivanna Solid Waste Authority
Fiscal Year 2020-2021 Proposed Budget
Expense Detail by Department
IVY ENVIRONMENTAL**

| Object Code | Line Item | Adopted Budget FY 2019-2020 | Current Year Activity | | Proposed Budget FY 2020-2021 | FY 2020 vs. FY 2021 Variance \$ | FY 2020 vs. FY 2021 Variance % |
|--|--|--------------------------------|------------------------------------|---------------------------------|---------------------------------|---|--|
| | | | Six Months Actual 12/31/2019 | Projected Yearend 6/30/20 | | | |
| 10000 Salaries and Benefits | | | | | | | |
| 11000 | Salaries | \$ 120,650 | \$ 54,829 | \$ 109,658 | \$ 89,300 | \$ (31,350) | -26.0% |
| 11010 | Holiday & Overtime Pay | 9,000 | 8,515 | 17,030 | 9,000 | - | 0% |
| 12010 | FICA | 9,918 | 4,700 | 9,400 | 7,520 | (2,398) | -24% |
| 12020 | Health Insurance | 25,000 | 13,650 | 27,300 | 19,000 | (6,000) | -24% |
| 12026 | Employee Assistance Program | 30 | 12 | 24 | 30 | - | 0% |
| 12030 | Retirement | 11,245 | 4,824 | 9,648 | 8,564 | (2,681) | -24% |
| 12040 | Life Insurance | 1,581 | 652 | 1,304 | 1,197 | (384) | -24% |
| 12050 | Fitness Program | 50 | 78 | 156 | 200 | 150 | 300% |
| 12060 | Worker's Comp Insurance | 9,900 | 7,497 | 9,095 | 5,500 | (4,400) | -44% |
| Subtotal | | \$ 187,373 | \$ 94,757 | \$ 183,615 | \$ 140,310 | \$ (47,063) | -25% |
| 13000 Other Personnel Costs | | | | | | | |
| 13100 | Employee Dues & Licenses | \$ 100 | \$ 5 | \$ 10 | \$ 100 | \$ - | 0% |
| 13150 | Education & Training | 800 | 298 | 596 | 800 | - | 0% |
| 13200 | Travel & Lodging | 200 | 56 | 112 | 200 | - | 0% |
| 13250 | Uniforms | 2,700 | 1,083 | 2,166 | 2,700 | - | 0% |
| 13325 | Recruiting and Medical Testing | 500 | 258 | 516 | 500 | - | 0% |
| 13350 | Other | 500 | 119 | 238 | 500 | - | 0% |
| Subtotal | | \$ 4,800 | \$ 1,819 | \$ 3,638 | \$ 4,800 | \$ - | 0% |
| Professional Services | | | | | | | |
| 20100 | Legal Fees | \$ - | \$ - | \$ - | \$ - | \$ - | - |
| 20200 | Financial & Admin. Services | - | - | - | - | - | - |
| 20300 | Engineering Consultants | - | - | - | - | - | - |
| Subtotal | | \$ - | \$ - | \$ - | \$ - | \$ - | - |
| Other Services and Charges | | | | | | | |
| 21100 | General Liability/Property Insurance | \$ 800 | \$ 218 | \$ 600 | \$ 800 | \$ - | 0% |
| 21150 | Advertising / Communication / Outreach | 2,500 | 977 | 1,954 | 2,500 | - | 0% |
| 21250 | Administrative Services RWSA | - | - | - | - | - | - |
| 21252 | EMS Programs/Supplies | - | - | - | - | - | - |
| 21253 | Safety Programs/Supplies | - | 50 | 100 | - | - | - |
| 21300 | Authority Dues/Permits/Fees | 3,400 | 3,109 | 6,218 | 3,400 | - | 0% |
| 21350 | Laboratory Analysis | - | - | - | 1,000 | 1,000 | - |
| 21400 | Utilities | 6,500 | 1,285 | 2,570 | 6,500 | - | 0% |
| 21420 | General Other Services | 24,000 | 19,592 | 23,000 | 24,000 | - | 0% |
| 21430 | Governance & Strategic Support | - | - | - | - | - | - |
| 21450 | Bad Debt Write-Offs | - | - | - | - | - | - |
| Subtotal | | \$ 37,200 | \$ 25,231 | \$ 50,317 | \$ 38,200 | \$ 1,000 | 3% |
| 22000 Communication | | | | | | | |
| 22100 | Radio | \$ - | \$ - | \$ - | \$ - | \$ - | - |
| 22150 | Telephone & Data Service | 500 | 88 | 176 | 500 | - | 0% |
| 22200 | Cell Phones & Pagers | 500 | 53 | 106 | 500 | - | 0% |
| Subtotal | | \$ 1,000 | \$ 141 | \$ 282 | \$ 1,000 | \$ - | 0% |
| 31000 Information Technology | | | | | | | |
| 31100 | Computer Hardware | \$ - | \$ - | \$ - | \$ - | \$ - | - |
| 31200 | Maintenance & Support Services | 1,000 | 2,006 | 4,012 | 1,000 | - | 0% |
| 31250 | Software Purchases | - | - | - | - | - | - |
| Subtotal | | \$ 1,000 | \$ 2,006 | \$ 4,012 | \$ 1,000 | \$ - | - |
| 32000 Vehicles and Equipment Maint. | | | | | | | |
| 32100 | Vehicle Maintenance & Repair | \$ 2,000 | \$ 1,411 | \$ 2,822 | \$ 2,000 | \$ - | 0% |
| 32150 | Equipment Maint. & Repair | 5,000 | - | 4,000 | 5,000 | - | 0% |
| 32200 | Fuel | 3,500 | 4,324 | 8,648 | 8,900 | 5,400 | 154% |
| 32300 | Trailer Maint. & Repairs | 4,000 | 398 | 796 | 4,000 | - | 0% |
| Subtotal | | \$ 14,500 | \$ 6,133 | \$ 12,266 | \$ 19,900 | \$ 5,400 | - |
| 33000 Supplies | | | | | | | |
| 33100 | Office Supplies | \$ - | \$ - | \$ - | \$ - | \$ - | - |
| 33150 | Subscriptions/Reference Material | - | - | - | - | - | - |
| 33350 | Postage | - | - | - | - | - | - |
| Subtotal | | \$ - | \$ - | \$ - | \$ - | \$ - | - |
| 41000 Operation & Maintenance | | | | | | | |

**Rivanna Solid Waste Authority
Fiscal Year 2020-2021 Proposed Budget
Expense Detail by Department
IVY ENVIRONMENTAL**

| Object Code | Line Item | Adopted Budget FY 2019-2020 | Current Year Activity | | Proposed Budget FY 2020-2021 | FY 2020 vs. FY 2021 Variance \$ | FY 2020 vs. FY 2021 Variance % |
|-------------|---|--------------------------------|------------------------------------|---------------------------------|---------------------------------|---|--|
| | | | Six Months Actual 12/31/2019 | Projected Yearend 6/30/20 | | | |
| 41100 | Facility Maintenance/Repairs/Replacements | \$ 15,000 | 72,417 | \$ 75,000 | \$ 15,000 | \$ - | 0% |
| 41400 | Materials, Supplies & Tools | 1,500 | 982 | 1,964 | 1,500 | - | 0% |
| 41450 | HHW Disposal | 140,000 | 59,820 | 140,000 | 155,000 | 15,000 | 11% |
| 41500 | Contracted Labor | - | - | - | - | - | - |
| 41550 | Material Purchases | - | - | - | - | - | - |
| 41650 | Wood Grinding | - | - | - | - | - | - |
| 41700 | Building Rental | - | - | - | - | - | - |
| 41750 | Leach Treatment | 1,500 | 677 | 1,354 | 5,000 | 3,500 | 233% |
| 41760 | Tire Disposal | - | - | - | - | - | - |
| | Subtotal | \$ 158,000 | \$ 133,896 | \$ 218,318 | \$ 176,500 | \$ 18,500 | 12% |
| 43000 | Disposal Contracts | | | | | | |
| 43100 | MSW - Ivy Transfer | \$ - | \$ - | \$ - | \$ - | \$ - | - |
| | Subtotal | \$ - | \$ - | \$ - | \$ - | \$ - | - |
| 51000 | Ivy Remediation | | | | | | |
| 41350 | Ground Water Systems Maintenance | \$ 6,500 | \$ 5,073 | \$ 6,000 | \$ 6,500 | \$ - | 0% |
| 41360 | Gas Systems Maintenance | 30,000 | 855 | 2,000 | 30,000 | - | 0% |
| 51101 | Settlement Agreement (Air & Groundwater) | 6,000 | 10,099 | 15,000 | 7,000 | 1,000 | 17% |
| 51110 | Compliance Ground Water Well Monitoring | 65,000 | 31,486 | 62,972 | 75,000 | 10,000 | 15% |
| 51200 | Surface Water & Water Supply Monitoring | 15,000 | 9,936 | 18,000 | 15,000 | - | 0% |
| 51225 | Cap Replacement and Repair | 250,000 | - | 50,000 | 200,000 | (50,000) | -20% |
| 51224 | O&M Cell 3 and P.Plant place holder | - | - | - | - | - | - |
| 51300 | Paint Pit Remed. - Gas & Vapor Extraction | - | - | - | - | - | - |
| 51649 | Full Scale EBR - Monitoring | 30,000 | 31,437 | 42,000 | 35,000 | 5,000 | 17% |
| 51651 | Full Scale EBR - Injection & Reporting | - | - | - | - | - | - |
| 51660 | Greenhouse Gas Monitoring & Reporting | 5,000 | - | - | 5,000 | - | 0% |
| 51670 | Cobalt MNA Monitoring | 4,000 | - | 4,000 | 5,000 | 1,000 | 25% |
| 41900 | Closure Costs | - | 1,956 | 1,956 | - | - | - |
| 51800 | Contingency | 20,000 | - | - | 20,000 | - | 0% |
| | Subtotal | \$ 431,500 | \$ 90,842 | \$ 201,928 | \$ 398,500 | \$ (33,000) | -8% |
| 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 | 83% |
| | Total | \$ 865,373 | \$ 369,825 | \$ 704,376 | \$ 835,210 | \$ (30,163) | -3% |

| Current year budget and yearend estimates | | | | Proposed |
|---|--------------|------------|--------------|--------------|
| MOU PAYMENT BASIS: | | | | |
| Base Expenses | \$ 865,373 | \$ 369,825 | \$ 704,376 | \$ 835,210 |
| Administrative allocation | 205,209 | 102,805 | 205,610 | 223,787 |
| | \$ 1,070,582 | \$ 472,630 | \$ 909,986 | \$ 1,058,998 |
| Use of Reserves | \$ - | \$ - | \$ - | \$ 200,000 |
| UVA FIXED PER AGREEMENT | 79,982 | 79,982 | 79,982 | 79,982 |
| COUNTY 64.5% | 638,937 | 319,468 | 638,937 | 502,465 |
| CITY 35.5% | 351,663 | 263,748 | 351,663 | 276,551 |
| | \$ 1,070,582 | \$ 663,198 | \$ 1,070,582 | \$ 1,058,998 |
| Deficit / Use of Reserves | \$ - | | \$ 160,596 | |

**Rivanna Solid Waste Authority
Fiscal Year 2020-2021 Proposed Budget
Expense Detail by Department
MSW TRANSFER OPERATIONS - IVY**

| Object Code | Line Item | Adopted Budget FY 2019-2020 | Current Year Activity | | Proposed Budget FY 2020-2021 | FY 2020 | FY 2020 |
|-------------|--|--------------------------------|------------------------------------|---------------------------------|---------------------------------|----------------------------------|---------------------------------|
| | | | Six Months Actual 12/31/2019 | Projected Yearend 6/30/20 | | vs. FY 2021 Variance \$ | vs. FY 2021 Variance % |
| 10000 | Salaries and Benefits | | | | | | |
| 11000 | Salaries | \$ 371,100 | \$ 165,816 | \$ 331,632 | \$ 330,075 | \$ (41,025) | -11.05% |
| 11010 | Holiday & Overtime Pay | 13,000 | 25,468 | 50,936 | 30,000 | 17,000 | 131% |
| 12010 | FICA | 29,384 | 14,196 | 28,392 | 27,546 | (1,838) | -6% |
| 12020 | Health Insurance | 105,600 | 42,224 | 84,448 | 90,900 | (14,700) | -14% |
| 12026 | Employee Assistance Program | 50 | 38 | 76 | 75 | 25 | 50% |
| 12030 | Retirement | 34,587 | 14,803 | 29,606 | 31,654 | (2,932) | -8% |
| 12040 | Life Insurance | 4,861 | 2,004 | 4,008 | 4,423 | (438) | -9% |
| 12050 | Fitness Program | 100 | 241 | 482 | 450 | 350 | 350% |
| 12060 | Worker's Comp Insurance | 30,500 | 21,680 | 26,603 | 20,400 | (10,100) | -33% |
| | Subtotal | \$ 589,182 | \$ 286,470 | \$ 556,183 | \$ 535,523 | \$ (53,659) | -9% |
| 13000 | Other Personnel Costs | | | | | | |
| 13100 | Employee Dues & Licenses | \$ 120 | \$ 14 | \$ 28 | \$ 120 | \$ - | 0% |
| 13150 | Education & Training | 1,000 | 916 | 1,832 | 1,000 | - | 0% |
| 13200 | Travel & Lodging | 200 | 172 | 344 | 200 | - | 0% |
| 13250 | Uniforms | 7,000 | 3,402 | 6,804 | 7,000 | - | 0% |
| 13325 | Recruiting and Medical Testing | 500 | 791 | 1,582 | 500 | - | 0% |
| 13350 | Other | 500 | 464 | 928 | 500 | - | 0% |
| | Subtotal | \$ 9,320 | \$ 5,759 | \$ 11,518 | \$ 9,320 | \$ - | 0% |
| | Professional Services | | | | | | |
| 20100 | Legal Fees | | \$ - | \$ - | \$ - | \$ - | |
| 20200 | Financial & Admin. Services | | - | - | - | - | |
| 20300 | Engineering Consultants | | 2,750 | 5,500 | - | - | |
| | Subtotal | \$ - | \$ 2,750 | \$ 5,500 | \$ - | \$ - | |
| | Other Services and Charges | | | | | | |
| 21100 | General Liability/Property Insurance | \$ 15,000 | \$ 4,092 | \$ 8,000 | \$ 8,000 | \$ (7,000) | -47% |
| 21150 | Advertising / Communication / Outreach | 2,000 | 319 | 638 | 2,000 | - | 0% |
| 21250 | Administrative Services RWSA | - | - | - | - | - | |
| 21252 | EMS Programs/Supplies | - | - | - | - | - | |
| 21253 | Safety Programs/Supplies | - | 155 | 310 | 15,000 | 15,000 | |
| 21300 | Authority Dues/Permits/Fees | 9,000 | 6,711 | 13,422 | 9,000 | - | 0% |
| 21350 | Laboratory Analysis | - | - | - | - | - | |
| 21400 | Utilities | 11,000 | 3,530 | 7,060 | 11,000 | - | 0% |
| 21420 | General Other Services | 66,650 | 39,661 | 79,322 | 66,650 | - | 0% |
| 21430 | Governance & Strategic Support | - | - | - | - | - | |
| 21450 | Bad Debt Write-Offs | - | - | - | - | - | |
| | Subtotal | \$ 103,650 | \$ 54,468 | \$ 106,208 | \$ 111,650 | \$ 8,000 | 8% |
| 22000 | Communication | | | | | | |
| 22100 | Radio | \$ - | \$ - | \$ - | \$ - | \$ - | |
| 22150 | Telephone & Data Service | 1,000 | 269 | 538 | 1,000 | - | 0% |
| 22200 | Cell Phones & Pagers | 1,000 | 431 | 862 | 1,000 | - | 0% |
| | Subtotal | \$ 2,000 | \$ 700 | \$ 1,400 | \$ 2,000 | \$ - | 0% |
| 31000 | Information Technology | | | | | | |
| 31100 | Computer Hardware | \$ 500 | \$ - | \$ - | \$ 500 | \$ - | 0% |
| 31200 | Maintenance & Support Services | 2,000 | 834 | 1,668 | 2,000 | - | 0% |
| 31250 | Software Purchases | - | - | - | - | - | |
| | Subtotal | \$ 2,500 | \$ 834 | \$ 1,668 | \$ 2,500 | \$ - | 0% |
| 32000 | Vehicles and Equipment Maint. | | | | | | |
| 32100 | Vehicle Maintenance & Repair | \$ 3,000 | \$ 14,676 | \$ 29,352 | \$ 10,000 | \$ 7,000 | 233% |
| 32150 | Equipment Maint. & Repair | 15,000 | 15,312 | 30,624 | 15,000 | - | 0% |
| 32200 | Fuel | 2,400 | 13,286 | 26,572 | 5,900 | 3,500 | 146% |
| 32300 | Trailer Maint & Repairs | - | 35 | 70 | - | - | |

**Rivanna Solid Waste Authority
Fiscal Year 2020-2021 Proposed Budget
Expense Detail by Department
MSW TRANSFER OPERATIONS - IVY**

| Object Code | Line Item | Adopted Budget FY 2019-2020 | Current Year Activity | | Proposed Budget FY 2020-2021 | FY 2020 vs. FY 2021 Variance \$ | FY 2020 vs. FY 2021 Variance % |
|-------------|---|--------------------------------|------------------------------------|---------------------------------|---------------------------------|---|--|
| | | | Six Months Actual 12/31/2019 | Projected Yearend 6/30/20 | | | |
| | <i>Subtotal</i> | \$ 20,400 | \$ 43,309 | \$ 86,618 | \$ 30,900 | \$ 10,500 | 51% |
| 33000 | Supplies | | | | | | |
| 33100 | Office Supplies | \$ 1,700 | \$ 1,849 | \$ 3,698 | \$ 3,000 | \$ 1,300 | 76% |
| 33150 | Subscriptions/Reference Material | - | - | - | - | - | - |
| 33350 | Postage | - | - | - | - | - | - |
| | <i>Subtotal</i> | \$ 1,700 | \$ 1,849 | \$ 3,698 | \$ 3,000 | \$ 1,300 | 76% |
| 41000 | Operation & Maintenance | | | | | | |
| 41100 | Facility Maintenance/Repairs/Replacements | \$ 35,000 | \$ 12,505 | \$ 25,010 | \$ 25,000 | \$ (10,000) | -29% |
| 41400 | Materials, Supplies & Tools | 3,000 | 7,541 | 15,082 | 10,000 | 7,000 | 233% |
| 41450 | HHW Disposal | - | - | - | - | - | - |
| 41500 | Contracted Labor | - | 21,915 | 22,995 | - | - | - |
| 41550 | Material Purchases | - | 47 | 94 | - | - | - |
| 41650 | Wood Grinding | - | - | - | - | - | - |
| 41700 | Building Rental | - | - | - | - | - | - |
| 41750 | Leach Treatment | - | - | - | - | - | - |
| 41760 | Tire Disposal | - | - | - | - | - | - |
| | <i>Subtotal</i> | \$ 38,000 | \$ 42,008 | \$ 63,181 | \$ 35,000 | \$ (3,000) | -8% |
| 43000 | Disposal Contracts | | | | | | |
| 43100 | MSW - Ivy Transfer | \$ 951,850 | \$ 598,338 | \$ 1,196,676 | \$ 1,454,000 | \$ 502,150 | 53% |
| | <i>Subtotal</i> | \$ 951,850 | \$ 598,338 | \$ 1,196,676 | \$ 1,454,000 | \$ 502,150 | 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 | - | - | - | - | - | - |
| 51225 | Cap Replacement and Repair | - | - | - | - | - | - |
| 51224 | O&M Cell 3 and P.Plant place holder | - | - | - | - | - | - |
| 51300 | Paint Pit Remed. - Gas & Vapor Extraction | - | - | - | - | - | - |
| 51649 | Full Scale EBR - Monitoring | - | - | - | - | - | - |
| 51651 | Full Scale EBR - Injection & Reporting | - | - | - | - | - | - |
| 51660 | Greenhouse Gas Monitoring & Reporting | - | - | - | - | - | - |
| 51670 | Cobalt MNA Monitoring | - | - | - | - | - | - |
| 41900 | Closure Costs | 3,500 | - | 3,500 | 3,500 | - | 0% |
| 51800 | Contingency | - | - | - | - | - | - |
| | <i>Subtotal</i> | \$ 3,500 | \$ - | \$ 3,500 | \$ 3,500 | \$ - | - |
| 81000 | Equipment | | | | | | |
| 81200 | Rental & Leases | \$ - | \$ - | \$ - | \$ 5,000 | \$ 5,000 | - |
| | Depreciation | 50,000 | 25,000 | 50,000 | 70,000 | 20,000 | 40% |
| | <i>Subtotal</i> | \$ 50,000 | \$ 25,000 | \$ 50,000 | \$ 75,000 | \$ 25,000 | 50% |
| | Total | \$ 1,772,102 | \$ 1,061,485 | \$ 2,086,150 | \$ 2,262,393 | \$ 490,291 | 28% |

**Rivanna Solid Waste Authority
Fiscal Year 2020-2021 Proposed Budget
Expense Detail by Department
CONVENIENCE CENTER - IVY**

| Object Code | Line Item | Adopted Budget FY 2019-2020 | Current Year Activity | | Proposed Budget FY 2020-2021 | FY 2020 | FY 2020 |
|-------------|--|--------------------------------|------------------------------------|---------------------------------|---------------------------------|----------------------------------|---------------------------------|
| | | | Six Months Actual 12/31/2019 | Projected Yearend 6/30/20 | | vs. FY 2021 Variance \$ | vs. FY 2021 Variance % |
| 10000 | Salaries and Benefits | | | | | | |
| 11000 | Salaries | \$ - | \$ - | \$ - | \$ 118,500 | \$ 118,500 | |
| 11010 | Holiday & Overtime Pay | - | - | - | 10,000 | 10,000 | |
| 12010 | FICA | - | - | - | 9,830 | 9,830 | |
| 12020 | Health Insurance | - | - | - | 33,200 | 33,200 | |
| 12026 | Employee Assistance Program | - | - | - | 50 | 50 | |
| 12030 | Retirement | - | - | - | 11,364 | 11,364 | |
| 12040 | Life Insurance | - | - | - | 1,588 | 1,588 | |
| 12050 | Fitness Program | - | - | - | - | - | |
| 12060 | Worker's Comp Insurance | - | - | - | 7,400 | 7,400 | |
| | Subtotal | \$ - | \$ - | \$ - | \$ 191,932 | \$ 191,932 | |
| 13000 | Other Personnel Costs | | | | | | |
| 13100 | Employee Dues & Licenses | \$ - | \$ - | \$ - | \$ - | \$ - | |
| 13150 | Education & Training | - | - | - | 500 | 500 | |
| 13200 | Travel & Lodging | - | - | - | 100 | 100 | |
| 13250 | Uniforms | - | - | - | 4,000 | 4,000 | |
| 13325 | Recruiting and Medical Testing | - | - | - | 150 | 150 | |
| 13350 | Other | - | - | - | 200 | 200 | |
| | Subtotal | \$ - | \$ - | \$ - | \$ 4,950 | \$ 4,950 | |
| | Professional Services | | | | | | |
| 20100 | Legal Fees | \$ - | \$ - | \$ - | \$ - | \$ - | |
| 20200 | Financial & Admin. Services | - | - | - | - | - | |
| 20300 | Engineering Consultants | - | - | - | - | - | |
| | Subtotal | \$ - | \$ - | \$ - | \$ - | \$ - | |
| | Other Services and Charges | | | | | | |
| 21100 | General Liability/Property Insurance | \$ - | \$ - | \$ - | \$ 2,000 | \$ 2,000 | |
| 21150 | Advertising / Communication / Outreach | - | - | - | 800 | 800 | |
| 21250 | Administrative Services RWSA | - | - | - | - | - | |
| 21252 | EMS Programs/Supplies | - | - | - | - | - | |
| 21253 | Safety Programs/Supplies | - | - | - | 1,000 | 1,000 | |
| 21300 | Authority Dues/Permits/Fees | - | - | - | - | - | |
| 21350 | Laboratory Analysis | - | - | - | - | - | |
| 21400 | Utilities | - | - | - | 5,000 | 5,000 | |
| 21420 | General Other Services | - | - | - | 11,000 | 11,000 | |
| 21430 | Governance & Strategic Support | - | - | - | - | - | |
| 21450 | Bad Debt Write-Offs | - | - | - | - | - | |
| | Subtotal | \$ - | \$ - | \$ - | \$ 19,800 | \$ 19,800 | |
| 22000 | Communication | | | | | | |
| 22100 | Radio | \$ - | \$ - | \$ - | \$ - | \$ - | |
| 22150 | Telephone & Data Service | - | - | - | - | - | |
| 22200 | Cell Phones & Pagers | - | - | - | - | - | |
| | Subtotal | \$ - | \$ - | \$ - | \$ - | \$ - | |
| 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 | \$ 10,000 | |
| 32150 | Equipment Maint. & Repair | - | - | - | 15,000 | 15,000 | |
| 32200 | Fuel | - | - | - | 30,000 | 30,000 | |
| 32300 | Trailer Maint & Repairs | - | - | - | 5,000 | 5,000 | |

**Rivanna Solid Waste Authority
Fiscal Year 2020-2021 Proposed Budget
Expense Detail by Department
CONVENIENCE CENTER - IVY**

| Object Code | Line Item | Adopted Budget FY 2019-2020 | Current Year Activity | | Proposed Budget FY 2020-2021 | FY 2020 | FY 2020 |
|-----------------|---|--------------------------------|------------------------------------|---------------------------------|---------------------------------|----------------------------------|---------------------------------|
| | | | Six Months Actual 12/31/2019 | Projected Yearend 6/30/20 | | vs. FY 2021 Variance \$ | vs. FY 2021 Variance % |
| <i>Subtotal</i> | | \$ - | \$ - | \$ - | \$ 60,000 | \$ 60,000 | |
| 33000 | Supplies | | | | | | |
| 33100 | Office Supplies | \$ - | \$ - | \$ - | \$ - | \$ - | |
| 33150 | Subscriptions/Reference Material | - | - | - | - | - | |
| 33350 | Postage | - | - | - | - | - | |
| <i>Subtotal</i> | | \$ - | \$ - | \$ - | \$ - | \$ - | |
| 41000 | Operation & Maintenance | | | | | | |
| 41100 | Facility Maintenance/Repairs/Replacements | \$ - | \$ - | \$ - | \$ 2,000 | \$ 2,000 | |
| 41400 | Materials, Supplies & Tools | - | - | - | 2,000 | 2,000 | |
| 41450 | HHW Disposal | - | - | - | - | - | |
| 41500 | Contracted Labor | - | - | - | - | - | |
| 41550 | Material Purchases | - | - | - | - | - | |
| 41650 | Wood Grinding | - | - | - | - | - | |
| 41700 | Building Rental | - | - | - | - | - | |
| 41750 | Leach Treatment | - | - | - | - | - | |
| 41760 | Tire Disposal | - | - | - | - | - | |
| <i>Subtotal</i> | | \$ - | \$ - | \$ - | \$ 4,000 | \$ 4,000 | |
| 43000 | Disposal Contracts | | | | | | |
| 43100 | MSW - Ivy Transfer | \$ - | \$ - | \$ - | \$ - | \$ - | |
| <i>Subtotal</i> | | \$ - | \$ - | \$ - | \$ - | \$ - | |
| 51000 | Ivy Remediation | | | | | | |
| 41350 | Ground Water Systems Maintenance | \$ - | \$ - | \$ - | \$ - | \$ - | |
| 41360 | Gas Systems Maintenance | - | - | - | - | - | |
| 51101 | Settlement Agreement (Air & Groundwater) | - | - | - | - | - | |
| 51110 | Compliance Ground Water Well Monitoring | - | - | - | - | - | |
| 51200 | Surface Water Monitoring | - | - | - | - | - | |
| 51225 | Cap Replacement and Repair | - | - | - | - | - | |
| 51224 | O&M Cell 3 and P.Plant place holder | - | - | - | - | - | |
| 51300 | Paint Pit Remed. - Gas & Vapor Extraction | - | - | - | - | - | |
| 51649 | Full Scale EBR - Monitoring | - | - | - | - | - | |
| 51651 | Full Scale EBR - Injection & Reporting | - | - | - | - | - | |
| 51660 | Greenhouse Gas Monitoring & Reporting | - | - | - | - | - | |
| 51670 | Cobalt MNA Monitoring | - | - | - | - | - | |
| 41900 | Closure Costs | - | - | - | - | - | |
| 51800 | Contingency | - | - | - | - | - | |
| <i>Subtotal</i> | | \$ - | \$ - | \$ - | \$ - | \$ - | |
| 81000 | Equipment | | | | | | |
| 81200 | Rental & Leases | \$ - | \$ - | \$ - | \$ - | \$ - | |
| | Depreciation | - | - | - | 20,000 | 20,000 | |
| <i>Subtotal</i> | | \$ - | \$ - | \$ - | \$ 20,000 | \$ 20,000 | |
| Total | | \$ - | \$ - | \$ - | \$ 300,682 | \$ 300,682 | |

**Rivanna Solid Waste Authority
Fiscal Year 2020-2021 Proposed Budget
EXPENSE Detail by Department
RECYCLING**

| Object Code | Line Item | Adopted Budget FY 2019-2020 | Current Year Activity | | Proposed Budget FY 2020-2021 | FY 2020 | FY 2020 |
|-------------|--|--------------------------------|------------------------------------|---------------------------------|---------------------------------|----------------------------------|---------------------------------|
| | | | Six Months Actual 12/31/2019 | Projected Yearend 6/30/20 | | vs. FY 2021 Variance \$ | vs. FY 2021 Variance % |
| 10000 | Salaries and Benefits | | | | | | |
| 11000 | Salaries | \$ 184,500 | \$ 82,921 | \$ 165,842 | \$ 177,830 | \$ (6,670) | -3.62% |
| 11010 | Holiday & Overtime Pay | 11,000 | 12,815 | 25,630 | 15,000 | 4,000 | 36% |
| 12010 | FICA | 14,956 | 7,104 | 14,208 | 14,751 | (204) | -1% |
| 12020 | Health Insurance | 44,950 | 19,460 | 38,920 | 52,250 | 7,300 | 16% |
| 12026 | Employee Assistance Program | 40 | 19 | 38 | 40 | - | 0% |
| 12030 | Retirement | 13,467 | 7,343 | 14,686 | 17,054 | 3,586 | 27% |
| 12040 | Life Insurance | 1,893 | 994 | 1,988 | 2,383 | 490 | 26% |
| 12050 | Fitness Program | 50 | 119 | 238 | 250 | 200 | 400% |
| 12060 | Worker's Comp Insurance | 15,200 | 9,541 | 11,995 | 10,900 | (4,300) | -28% |
| | Subtotal | \$ 286,056 | \$ 140,316 | \$ 273,545 | \$ 290,458 | \$ 4,402 | 2% |
| 13000 | Other Personnel Costs | | | | | | |
| 13100 | Employee Dues & Licenses | \$ 100 | \$ 7 | \$ 14 | \$ 100 | \$ - | 0% |
| 13150 | Education & Training | 1,000 | 454 | 908 | 1,000 | - | 0% |
| 13200 | Travel & Lodging | 100 | 85 | 170 | 100 | - | 0% |
| 13250 | Uniforms | 4,000 | 1,650 | 3,300 | 4,000 | - | 0% |
| 13325 | Recruiting and Medical Testing | 150 | 392 | 784 | - | (150) | -100% |
| 13350 | Other | 200 | 181 | 362 | 200 | - | 0% |
| | Subtotal | \$ 5,550 | \$ 2,769 | \$ 5,538 | \$ 5,400 | \$ (150) | -3% |
| | Professional Services | | | | | | |
| 20100 | Legal Fees | \$ - | \$ - | \$ - | \$ - | \$ - | |
| 20200 | Financial & Admin. Services | - | - | - | - | - | |
| 20300 | Engineering Consultants | - | 15,587 | 31,174 | - | - | |
| | Subtotal | \$ - | \$ 15,587 | \$ 31,174 | \$ - | \$ - | |
| | Other Services and Charges | | | | | | |
| 21100 | General Liability/Property Insurance | \$ 3,900 | \$ 1,064 | \$ 2,500 | \$ 3,900 | \$ - | 0% |
| 21150 | Advertising / Communication / Outreach | 800 | 1,617 | 3,234 | 5,000 | 4,200 | 525% |
| 21250 | Administrative Services RWSA | - | - | - | - | - | |
| 21252 | EMS Programs/Supplies | - | - | - | - | - | |
| 21253 | Safety Programs/Supplies | - | 77 | 154 | - | - | |
| 21300 | Authority Dues/Permits/Fees | - | - | - | - | - | |
| 21350 | Laboratory Analysis | - | - | - | - | - | |
| 21400 | Utilities | 12,200 | 7,079 | 14,158 | 12,200 | - | 0% |
| 21420 | General Other Services | 8,000 | 7,190 | 14,380 | 11,000 | 3,000 | 38% |
| 21430 | Governance & Strategic Support | - | - | - | - | - | |
| 21450 | Bad Debt Write-Offs | - | - | - | - | - | |
| | Subtotal | \$ 24,900 | \$ 17,027 | \$ 33,345 | \$ 32,100 | \$ 7,200 | 29% |
| 22000 | Communication | | | | | | |
| 22100 | Radio | \$ - | \$ - | \$ - | \$ - | \$ - | |
| 22150 | Telephone & Data Service | 2,000 | 914 | 1,828 | 2,000 | - | 0% |
| 22200 | Cell Phones & Pagers | 150 | 335 | 670 | 150 | - | 0% |
| | Subtotal | \$ 2,150 | \$ 1,249 | \$ 2,498 | \$ 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 | \$ 30,000 | \$ 9,871 | \$ 19,742 | \$ 25,000 | \$ (5,000) | -17% |
| 32150 | Equipment Maint. & Repair | 15,000 | 71,084 | 80,000 | 15,000 | - | 0% |

**Rivanna Solid Waste Authority
Fiscal Year 2020-2021 Proposed Budget
Expense Detail by Department
RECYCLING**

| Object Code | Line Item | Adopted Budget FY 2019-2020 | Current Year Activity | | Proposed Budget FY 2020-2021 | FY 2020 | FY 2020 |
|-------------|---|--------------------------------|------------------------------------|---------------------------------|---------------------------------|----------------------------------|---------------------------------|
| | | | Six Months Actual 12/31/2019 | Projected Yearend 6/30/20 | | vs. FY 2021 Variance \$ | vs. FY 2021 Variance % |
| 32200 | Fuel | 13,500 | 8,133 | 16,266 | 15,000 | 1,500 | 11% |
| 32300 | Trailer Maint & Repairs | 7,500 | 966 | 1,932 | 5,000 | (2,500) | -33% |
| | Subtotal | \$ 66,000 | \$ 90,054 | \$ 117,940 | \$ 60,000 | \$ (6,000) | -9% |
| 33000 | Supplies | | | | | | |
| 33100 | Office Supplies | \$ 1,000 | \$ 24 | \$ 48 | \$ 50 | \$ (950) | -95% |
| 33150 | Subscriptions/Reference Material | 1,000 | 895 | 1,790 | 1,000 | - | 0% |
| 33350 | Postage | - | - | - | - | - | - |
| | Subtotal | \$ 2,000 | \$ 919 | \$ 1,838 | \$ 1,050 | \$ (950) | |
| 41000 | Operation & Maintenance | | | | | | |
| 41100 | Facility Maintenance/Repairs/Replacements | \$ 16,000 | \$ 822 | \$ 1,644 | \$ 16,000 | \$ - | 0% |
| 41400 | Materials, Supplies & Tools | 4,000 | 4,958 | 9,916 | 6,000 | 2,000 | 50% |
| 41450 | HHW Disposal | - | - | - | - | - | - |
| 41500 | Contracted Labor | 5,000 | 14,403 | 28,806 | 5,000 | - | 0% |
| 41550 | Material Purchases | 45,000 | 153 | 306 | 5,000 | (40,000) | -89% |
| 41650 | Wood Grinding | - | - | - | - | - | - |
| 41700 | Building Rental | 40,000 | 16,200 | 32,400 | 40,000 | - | 0% |
| 41750 | Leach Treatment | - | - | - | - | - | - |
| 41760 | Tire Disposal | - | - | - | - | - | - |
| | Subtotal | \$ 110,000 | \$ 36,536 | \$ 73,072 | \$ 72,000 | \$ (38,000) | -35% |
| 43000 | Disposal Contracts | | | | | | |
| 43100 | MSW - Ivy Transfer | \$ - | \$ - | \$ - | \$ - | \$ - | - |
| | Subtotal | \$ - | \$ - | \$ - | \$ - | \$ - | - |
| 51000 | Ivy Remediation | | | | | | |
| 41350 | Ground Water Systems Maintenance | \$ - | \$ - | \$ - | \$ - | \$ - | - |
| 41360 | Gas Systems Maintenance | - | - | - | - | - | - |
| 51101 | Settlement Agreement (Air & Groundwater) | - | - | - | - | - | - |
| 51110 | Compliance Ground Water Well Monitoring | - | - | - | - | - | - |
| 51200 | Surface Water Monitoring | - | - | - | - | - | - |
| 51225 | Cap Replacement and Repair | - | - | - | - | - | - |
| 51224 | O&M Cell 3 and P.Plant place holder | - | - | - | - | - | - |
| 51300 | Paint Pit Remed. - Gas & Vapor Extraction | - | - | - | - | - | - |
| 51649 | Full Scale EBR - Monitoring | - | - | - | - | - | - |
| 51651 | Full Scale EBR - Injection & Reporting | - | - | - | - | - | - |
| 51660 | Greenhouse Gas Monitoring & Reporting | - | - | - | - | - | - |
| 51670 | Cobalt MNA Monitoring | - | - | - | - | - | - |
| 41900 | Closure Costs | - | - | - | - | - | - |
| 51800 | Contingency | - | - | - | - | - | - |
| | Subtotal | \$ - | \$ - | \$ - | \$ - | \$ - | - |
| 81000 | Equipment | | | | | | |
| 81200 | Rental & Leases | \$ - | \$ - | \$ - | \$ - | \$ - | - |
| | Depreciation | 35,000 | 17,500 | 35,000 | 90,000 | 55,000 | 157% |
| | Subtotal | \$ 35,000 | \$ 17,500 | \$ 35,000 | \$ 90,000 | \$ 55,000 | 157% |
| | Total | \$ 531,656 | \$ 321,957 | \$ 573,950 | \$ 553,158 | \$ 21,502 | 4.0% |

**Rivanna Solid Waste Authority
Fiscal Year 2020-2021 Proposed Budget
Expense Detail by Department
ADMINISTRATION**

| Object Code | Line Item | Adopted Budget FY 2019-2020 | Current Year Activity | | Proposed Budget FY 2020-2021 | FY 2020 vs. FY 2021 Variance \$ | FY 2020 vs. FY 2021 Variance % |
|-------------|---|--------------------------------|------------------------------------|---------------------------------|---------------------------------|---|--|
| | | | Six Months Actual 12/31/2019 | Projected Yearend 6/30/20 | | | |
| 10000 | Salaries and Benefits | | | | | | |
| 11000 | Salaries | \$ 110,800 | \$ 56,782 | \$ 113,564 | \$ 106,960 | \$ (3,840) | -3% |
| 11010 | Holiday & Overtime Pay | - | - | - | - | - | - |
| 12010 | FICA | 8,476 | 4,076 | 8,152 | 8,182 | (294) | -3% |
| 12020 | Health Insurance | 12,500 | 8,429 | 16,858 | 12,300 | (200) | -2% |
| 12026 | Employee Assistance Program | 25 | 6 | 12 | 25 | - | 0% |
| 12030 | Retirement | 10,327 | 5,225 | 10,450 | 10,257 | (69) | -1% |
| 12040 | Life Insurance | 1,451 | 689 | 1,378 | 1,433 | (18) | -1% |
| 12050 | Fitness Program | 100 | - | - | - | (100) | -100% |
| 12060 | Worker's Comp Insurance | 9,000 | 4,727 | 6,180 | 6,300 | (2,700) | -30% |
| | Subtotal | \$ 152,679 | \$ 79,934 | \$ 156,594 | \$ 145,458 | \$ (7,221) | -5% |
| 13000 | Other Personnel Costs | | | | | | |
| 13100 | Employee Dues & Licenses | \$ 500 | \$ 606 | \$ 1,212 | \$ 500 | \$ - | 0% |
| 13150 | Education & Training | 1,000 | 432 | 864 | 1,000 | - | 0% |
| 13200 | Travel & Lodging | 1,000 | - | - | 1,000 | - | 0% |
| 13250 | Uniforms | 1,000 | 665 | 1,330 | 1,000 | - | 0% |
| 13325 | Recruiting and Medical Testing | 500 | - | - | 500 | - | 0% |
| 13350 | Other | 4,000 | 1,024 | 2,048 | 4,000 | - | 0% |
| | Subtotal | \$ 8,000 | \$ 2,727 | \$ 5,454 | \$ 8,000 | \$ - | 0% |
| | Professional Services | | | | | | |
| 20100 | Legal Fees | \$ 15,000 | \$ 7,097 | \$ 14,194 | \$ 15,000 | \$ - | 0% |
| 20200 | Financial & Admin. Services | 15,000 | 625 | 1,250 | 15,000 | - | 0% |
| 20300 | Engineering Consultants | 20,000 | 3,478 | 6,956 | 20,000 | - | 0% |
| | Subtotal | \$ 50,000 | \$ 11,200 | \$ 22,400 | \$ 50,000 | \$ - | 0% |
| | Other Services and Charges | | | | | | |
| 21100 | General Liability/Property Insurance | \$ 2,200 | \$ 600 | \$ 800 | \$ 2,200 | \$ - | 0% |
| 21150 | Advertising / Communication / Outreach | 1,500 | 3,970 | 7,940 | 1,500 | - | 0% |
| 21250 | Administrative Services RWSA | 466,000 | 233,000 | 466,000 | 543,000 | 77,000 | 17% |
| 21252 | EMS Programs/Supplies | - | - | - | - | - | - |
| 21253 | Safety Programs/Supplies | 10,000 | 12,149 | 24,298 | 10,000 | - | 0% |
| 21300 | Authority Dues/Permits/Fees | 10,000 | 5,988 | 11,976 | 10,000 | - | 0% |
| 21350 | Laboratory Analysis | - | - | - | - | - | - |
| 21400 | Utilities | - | - | - | - | - | - |
| 21420 | General Other Services | 6,000 | 3,116 | 6,232 | 6,000 | - | 0% |
| 21430 | Governance & Strategic Support | 5,000 | 749 | 1,498 | 5,000 | - | 0% |
| 21450 | Bad Debt Write-Offs | 5,000 | - | 5,000 | 5,000 | - | 0% |
| | Subtotal | \$ 505,700 | \$ 259,572 | \$ 518,744 | \$ 582,700 | \$ 77,000 | 15% |
| 22000 | Communication | | | | | | |
| 22100 | Radio | \$ - | \$ 3,894 | \$ 7,788 | \$ 1,000 | \$ 1,000 | - |
| 22150 | Telephone & Data Service | 4,700 | 2,466 | 4,932 | 4,700 | - | 0% |
| 22200 | Cell Phones & Pagers | 500 | - | - | 500 | - | 0% |
| | Subtotal | \$ 5,200 | \$ 6,360 | \$ 12,720 | \$ 6,200 | \$ 1,000 | 19% |
| 31000 | Information Technology | | | | | | |
| 31100 | Computer Hardware | \$ 1,000 | \$ - | \$ - | \$ 1,000 | \$ - | 0% |
| 31200 | Maintenance & Support Services | 2,000 | 15,741 | 31,482 | 2,000 | - | 0% |
| 31250 | Software Purchases | 500 | - | - | 500 | - | 0% |
| | Subtotal | \$ 3,500 | \$ 15,741 | \$ 31,482 | \$ 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 | \$ 120 | \$ 240 | \$ 1,500 | \$ - | 0% |
| 33150 | Subscriptions/Reference Material | - | - | - | - | - | - |
| 33350 | Postage | 50 | - | - | - | (50) | -100% |
| | Subtotal | \$ 1,550 | \$ 120 | \$ 240 | \$ 1,500 | \$ (50) | -3% |
| 41000 | Operation & Maintenance | | | | | | |
| 41100 | Facility Maintenance/Repairs/Replacements | \$ - | \$ - | \$ - | \$ - | \$ - | - |

**Rivanna Solid Waste Authority
Fiscal Year 2020-2021 Proposed Budget
Expense Detail by Department
ADMINISTRATION**

| Object Code | Line Item | Adopted Budget FY 2019-2020 | Current Year Activity | | Proposed Budget FY 2020-2021 | FY 2020 | FY 2020 |
|-----------------|---|--------------------------------|---------------------------------|---------------------------------|---------------------------------|----------------------------------|---------------------------------|
| | | | Six Months Actual 12/31/2019 | Projected Yearend 6/30/20 | | vs. FY 2021 Variance \$ | vs. FY 2021 Variance % |
| 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 | - | - | - | - | - | - |
| <i>Subtotal</i> | | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| 43000 | Disposal Contracts | | | | | | |
| 43100 | MSW - Ivy Transfer | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| <i>Subtotal</i> | | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| 51000 | Ivy Remediation | | | | | | |
| 41350 | Ground Water Systems Maintenance | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| 41360 | Gas Systems Maintenance | - | - | - | - | - | - |
| 51101 | Settlement Agreement (Air & Groundwater) | - | - | - | - | - | - |
| 51110 | Compliance Ground Water Well Monitoring | - | - | - | - | - | - |
| 51200 | Surface Water Monitoring | - | - | - | - | - | - |
| 51225 | Cap Replacement and Repair | - | - | - | - | - | - |
| 51224 | O&M Cell 3 and P.Plant place holder | - | - | - | - | - | - |
| 51300 | Paint Pit Remed. - Gas & Vapor Extraction | - | - | - | - | - | - |
| 51649 | Full Scale EBR - Monitoring | - | - | - | - | - | - |
| 51651 | Full Scale EBR - Injection & Reporting | - | - | - | - | - | - |
| 51660 | Greenhouse Gas Monitoring & Reporting | - | - | - | - | - | - |
| 51670 | Cobalt MNA Monitoring | - | - | - | - | - | - |
| 41900 | Closure Costs | - | - | - | - | - | - |
| 51800 | Contingency | - | - | - | - | - | - |
| <i>Subtotal</i> | | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| 81000 | Equipment | | | | | | |
| 81200 | Rental & Leases | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| | Depreciation | - | - | - | - | - | - |
| <i>Subtotal</i> | | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Total | | \$ 726,629 | \$ 375,654 | \$ 747,634 | \$ 797,358 | \$ 70,729 | 10% |

**Rivanna Solid Waste Authority
Fiscal Year 2020-2021 Proposed Budget
Expense Detail by Department
Department: Authoritywide Detail**

| Object Code | Line Item | Adopted Budget FY 2019-2020 | Current Year Activity | | Proposed Budget FY 2020-2021 | FY 2020 vs. FY 2021 | FY 2020 vs. FY 2021 |
|-------------|--|-----------------------------|------------------------------|---------------------------|------------------------------|---------------------|---------------------|
| | | | Six Months Actual 12/31/2019 | Projected Yearend 6/30/20 | | Variance \$ | Variance % |
| 10000 | Salaries and Benefits | | | | | | |
| 11000 | Salaries | \$ 910,850 | \$ 416,499 | \$ 832,998 | \$ 956,240 | \$ 45,390 | 5% |
| 11010 | Holiday & Overtime Pay | 41,600 | 55,505 | 111,010 | 76,000 | 34,400 | 83% |
| 12010 | FICA | 72,862 | 34,889 | 69,778 | 78,966 | 6,104 | 8% |
| 12020 | Health Insurance | 214,850 | 97,860 | 195,720 | 239,600 | 24,750 | 12% |
| 12026 | Employee Assistance Program | 175 | 88 | 176 | 250 | 75 | 43% |
| 12030 | Retirement | 81,163 | 37,146 | 74,292 | 91,703 | 10,540 | 13% |
| 12040 | Life Insurance | 11,408 | 5,009 | 10,018 | 12,814 | 1,405 | 12% |
| 12050 | Fitness Program | 350 | 518 | 1,036 | 1,100 | 750 | 0% |
| 12060 | Worker's Comp Insurance | 74,800 | 51,026 | 63,101 | 58,800 | (16,000) | -21% |
| | Subtotal | \$ 1,408,059 | \$ 698,540 | \$ 1,358,129 | \$ 1,515,473 | \$ 107,415 | 8% |
| 13000 | Other Personnel Costs | | | | | | |
| 13100 | Employee Dues & Licenses | \$ 920 | \$ 637 | \$ 1,274 | \$ 920 | \$ - | 0% |
| 13150 | Education & Training | 4,500 | 2,406 | 4,812 | 5,000 | 500 | 11% |
| 13200 | Travel & Lodging | 1,700 | 370 | 740 | 1,800 | 100 | 6% |
| 13250 | Uniforms | 17,300 | 7,936 | 15,872 | 21,300 | 4,000 | 23% |
| 13325 | Recruiting and Medical Testing | 1,850 | 1,705 | 3,410 | 1,850 | - | 0% |
| 13350 | Other | 5,700 | 1,910 | 3,820 | 5,900 | 200 | 4% |
| | Subtotal | \$ 31,970 | \$ 14,964 | \$ 29,928 | \$ 36,770 | \$ 4,800 | 15% |
| 20100 | Professional Services | | | | | | |
| 20200 | Legal Fees | \$ 15,000 | \$ 7,097 | \$ 14,194 | \$ 15,000 | \$ - | 0% |
| 20300 | Financial & Admin. Services | 15,000 | 625 | 1,250 | 15,000 | - | 0% |
| | Engineering Consultants | 20,000 | 22,183 | 44,366 | 20,000 | - | - |
| | Subtotal | \$ 50,000 | \$ 29,905 | \$ 59,810 | \$ 50,000 | \$ - | 0% |
| 21100 | Other Services and Charges | | | | | | |
| 21100 | General Liability/Property Insurance | \$ 27,400 | \$ 7,474 | \$ 9,965 | \$ 19,900 | \$ (7,500) | -27% |
| 21150 | Advertising / Communication / Outreach | 6,800 | 6,883 | 13,766 | 11,800 | 5,000 | 74% |
| 21250 | Administrative Services RWSA | 466,000 | 233,000 | 466,000 | 543,000 | 77,000 | 17% |
| 21252 | EMS Programs/Supplies | - | - | - | - | - | - |
| 21253 | Safety Programs/Supplies | 10,000 | 12,506 | 25,012 | 26,000 | 16,000 | 160% |
| 21300 | Authority Dues/Permits/Fees | 23,600 | 15,808 | 31,616 | 23,600 | - | 0% |
| 21350 | Laboratory Analysis | - | - | - | 1,000 | 1,000 | - |
| 21400 | Utilities | 33,200 | 13,451 | 26,902 | 38,200 | 5,000 | 15% |
| 21420 | General Other Services | 105,650 | 82,789 | 165,578 | 119,650 | 14,000 | 13% |
| 21430 | Governance & Strategic Support | 5,000 | 749 | 1,498 | 5,000 | - | 0% |
| 21450 | Bad Debt Write-Offs | 5,000 | - | - | 5,000 | - | 0% |
| | Subtotal | \$ 682,650 | \$ 372,660 | \$ 740,337 | \$ 793,150 | \$ 110,500 | 16% |
| 22000 | Communication | | | | | | |
| 22100 | Radio | \$ - | \$ 3,894 | \$ 7,788 | \$ 1,000 | \$ 1,000 | - |
| 22150 | Telephone & Data Service | 9,600 | 4,237 | 8,474 | 9,600 | - | 0% |
| 22200 | Cell Phones & Pagers | 2,550 | 989 | 1,978 | 2,550 | - | 0% |
| | Subtotal | \$ 12,150 | \$ 9,120 | \$ 18,240 | \$ 13,150 | \$ 1,000 | 8% |
| 31000 | Information Technology | | | | | | |
| 31100 | Computer Hardware | \$ 2,500 | \$ 2,310 | \$ 4,620 | \$ 2,500 | \$ - | 0% |
| 31200 | Maintenance & Support Services | 5,275 | 18,859 | 37,718 | 5,275 | - | 0% |
| 31250 | Software Purchases | 500 | - | - | 500 | - | 0% |
| | Subtotal | \$ 8,275 | \$ 21,169 | \$ 42,338 | \$ 8,275 | \$ - | 0% |
| 32000 | Vehicles and Equipment Maint. | | | | | | |
| 32100 | Vehicle Maintenance & Repair | \$ 45,000 | \$ 31,433 | \$ 62,866 | \$ 57,000 | \$ 12,000 | 27% |
| 32150 | Equipment Maint. & Repair | 65,000 | 93,878 | 125,588 | 75,000 | 10,000 | 15% |
| 32200 | Fuel | 24,400 | 30,181 | 60,362 | 68,600 | 44,200 | 181% |
| 32300 | Trailer Maint & Repairs | 11,500 | 1,399 | 2,798 | 14,000 | 2,500 | 22% |
| | Subtotal | \$ 145,900 | \$ 156,891 | \$ 251,614 | \$ 214,600 | \$ 68,700 | 47% |
| 33000 | Supplies | | | | | | |
| 33100 | Office Supplies | \$ 5,200 | \$ 2,609 | \$ 5,218 | \$ 5,550 | \$ 350 | 7% |

**Rivanna Solid Waste Authority
Fiscal Year 2020-2021 Proposed Budget
Expense Detail by Department
Department: Authoritywide Detail**

| Object Code | Line Item | Adopted Budget FY 2019-2020 | Current Year Activity | | Proposed Budget FY 2020-2021 | FY 2020 vs. FY 2021 | FY 2020 vs. FY 2021 |
|-------------|---|-----------------------------|------------------------------|---------------------------|------------------------------|---------------------|---------------------|
| | | | Six Months Actual 12/31/2019 | Projected Yearend 6/30/20 | | Variance \$ | Variance % |
| 33150 | Subscriptions/Reference Material | 1,000 | 895 | 1,790 | 1,000 | - | 0% |
| 33350 | Postage | 52 | - | - | - | (52) | -100% |
| | <i>Subtotal</i> | \$ 6,252 | \$ 3,504 | \$ 7,008 | \$ 6,550 | \$ 298 | 5% |
| 41000 | Operation & Maintenance | | | | | | |
| 41100 | Facility Maintenance/Repairs/Replacements | \$ 75,500 | \$ 89,153 | \$ 108,472 | \$ 66,000 | \$ (9,500) | -13% |
| 41400 | Materials, Supplies & Tools | 9,500 | 14,818 | 29,636 | 20,500 | 11,000 | 116% |
| 41450 | HHW Disposal | 140,000 | 59,820 | 140,000 | 155,000 | 15,000 | 11% |
| 41500 | Contracted Labor | 5,000 | 43,623 | 66,411 | 5,000 | - | 0% |
| 41550 | Material Purchases | 45,000 | 231 | 462 | 5,000 | (40,000) | -89% |
| 41650 | Wood Grinding | 50,000 | 20,004 | 40,008 | 80,000 | 30,000 | 60% |
| 41700 | Building Rental | 40,000 | 16,200 | 32,400 | 40,000 | - | 0% |
| 41750 | Leach Treatment | 1,500 | 677 | 1,354 | 5,000 | 3,500 | 233% |
| 41760 | Tire Disposal | 8,000 | 9,666 | 19,332 | 16,000 | 8,000 | 100% |
| | <i>Subtotal</i> | \$ 374,500 | \$ 254,192 | \$ 438,075 | \$ 392,500 | \$ 18,000 | 5% |
| 43000 | Disposal Contracts | | | | | | |
| 43100 | MSW - Ivy Transfer | \$ 951,850 | \$ 598,338 | \$ 1,196,676 | \$ 1,454,000 | \$ 502,150 | 53% |
| | <i>Subtotal</i> | \$ 951,850 | \$ 598,338 | \$ 1,196,676 | \$ 1,454,000 | \$ 502,150 | 53% |
| 51000 | Ivy Remediation | | | | | | |
| 41350 | Ground Water Systems Maintenance | \$ 6,500 | \$ 5,073 | \$ 6,000 | \$ 6,500 | - | 0% |
| 41360 | Gas Systems Maintenance | 30,000 | 855 | 2,000 | 30,000 | - | 0% |
| 51101 | Settlement Agreement (Air & Groundwater) | 6,000 | 10,099 | 15,000 | 7,000 | 1,000 | 17% |
| 51110 | Compliance Ground Water Well Monitoring | 65,000 | 31,486 | 62,972 | 75,000 | 10,000 | 15% |
| 51200 | Surface Water Monitoring | 15,000 | 9,936 | 18,000 | 15,000 | - | 0% |
| 51225 | Cap Replacement and Repair | 250,000 | - | 50,000 | 200,000 | (50,000) | -20% |
| 51224 | O&M Cell 3 and P.Plant place holder | - | - | - | - | - | - |
| 51300 | Paint Pit Remed. - Gas & Vapor Extraction | - | - | - | - | - | - |
| 51649 | Full Scale EBR - Monitoring | 30,000 | 31,437 | 42,000 | 35,000 | 5,000 | 17% |
| 51651 | Full Scale EBR - Injection & Reporting | - | - | - | - | - | - |
| 51660 | Greenhouse Gas Monitoring & Reporting | 5,000 | - | - | 5,000 | - | 0% |
| 51670 | Cobalt MNA Monitoring | 4,000 | - | 4,000 | 5,000 | 1,000 | 25% |
| 41900 | Closure Costs | 3,500 | 1,956 | 5,456 | 3,500 | - | 0% |
| 51800 | Contingency | 20,000 | - | - | 20,000 | - | 0% |
| | <i>Subtotal</i> | \$ 435,000 | \$ 90,842 | \$ 205,428 | \$ 402,000 | \$ (33,000) | |
| 81000 | Equipment | | | | | | |
| 81200 | Rental & Leases | \$ - | \$ - | \$ - | \$ 5,000 | \$ 5,000 | |
| | Depreciation | 135,000 | 67,500 | 135,000 | 260,000 | 125,000 | 93% |
| | <i>Subtotal</i> | \$ 135,000 | \$ 67,500 | \$ 135,000 | \$ 265,000 | \$ 130,000 | 96% |
| | Total | \$ 4,241,606 | \$ 2,317,625 | \$ 4,482,583 | \$ 5,151,468 | \$ 909,863 | 21% |

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Capital Program

Rivanna Solid Waste Authority

Fiscal Year 2020-2021

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Capital Program Expense Projections Detail

| | FY 2020 | | | FY 2021 | FY 2022 | FY 2023 | FY 2024 | FY 2025 | FY 2021-2025 |
|---|-------------------|--------------------------|-------------------------|-------------------|-------------------|-------------------|-------------------|-------------|---------------------|
| | Adopted | Feb 2020 Actual-Expenses | Projected Expenses June | | | | | | TOTALS |
| Ivy Operations | | | | | | | | | |
| Replace Loader 908 | \$ - | \$ - | \$ - | \$ 150,000 | \$ - | \$ - | \$ - | \$ - | \$ 150,000 |
| General Improvements - Building Ivy | | | | | 20,000 | | | | 20,000 |
| Allocated Equipment | - | - | - | 8,000 | 75,000 | 7,500 | 37,500 | - | 128,000 |
| SubTotal | - | - | - | 158,000 | 95,000 | 7,500 | 37,500 | - | 298,000 |
| Ivy Transfer Station | | | | | | | | | |
| Fans for Transfer Station | - | - | - | 30,000 | - | - | - | - | 30,000 |
| Tunnel Scales | | | | 60,000 | | | | | 60,000 |
| General Improvements - Building Ivy | | | | - | 40,000 | | | | 40,000 |
| Rehab Barn | | | | - | 75,000 | | | | 75,000 |
| Ivy Transfer Station | | 27,451 | | - | | | | | - |
| New Recycling Center | 350,000 | 16,350 | 350,000 | - | | | | | - |
| Yard Jockey | | | | - | - | - | 100,000 | - | 100,000 |
| Allocated Equipment | - | - | - | 8,000 | 75,000 | 7,500 | 62,500 | - | 153,000 |
| SubTotal | 350,000 | 43,801 | 350,000 | 98,000 | 190,000 | 7,500 | 162,500 | - | 458,000 |
| Ivy Environmental | | | | | | | | | |
| Pond impoundment improvements - Alternative 2 | 50,000 | 88 | 50,000 | 100,000 | - | - | - | - | 100,000 |
| New Tanker #2, (replace old one 1950's vintage) | - | - | - | - | - | - | - | - | - |
| Grade Berms | 15,000 | - | 15,000 | - | - | - | - | - | - |
| Communication control SCADA (lift stations) | - | - | - | 30,000 | - | - | - | - | 30,000 |
| Regrade ditches for stormwater | 100,000 | 4,550 | 100,000 | - | - | - | - | - | - |
| Allocated Equipment | | | | 4,000 | - | 7,500 | 62,500 | - | 74,000 |
| SubTotal | 165,000 | 4,638 | 165,000 | 134,000 | - | 7,500 | 62,500 | - | 204,000 |
| Recycling - McIntire / Paper Sort | | | | | | | | | |
| Replace OCC Compactor | - | - | - | - | - | 50,000 | - | - | 50,000 |
| Forklift and Bale Clamp | | | | 20,000 | | | | | 20,000 |
| New Ramp - Paper Sort | | | | - | | | | | - |
| Asphalt Paving | | | | 25,000 | | | | | 25,000 |
| Roll-off containers | - | - | - | 15,000 | 15,000 | 15,000 | - | - | 45,000 |
| Replace Trailers | - | - | - | 30,000 | 30,000 | 30,000 | 30,000 | - | 120,000 |
| Allocated Equipment | | | | - | - | 7,500 | 87,500 | - | 95,000 |
| SubTotal | - | - | - | 90,000 | 45,000 | 102,500 | 117,500 | - | 355,000 |
| Total 5-Year CIP | \$ 515,000 | \$ 48,439 | \$ 515,000 | \$ 480,000 | \$ 330,000 | \$ 125,000 | \$ 380,000 | \$ - | \$ 1,315,000 |
| | | | | | | | | | \$ 1,315,000 |
| Allocated Equipment | | | | | | | | | |
| Admin. Vehicle | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Replace Scales | - | - | - | - | 150,000 | - | - | - | 150,000 |
| Replace Vehicle - Ranger | - | - | - | - | - | 30,000 | - | - | 30,000 |
| Replace Vehicle - Explorer | - | - | - | 20,000 | - | - | - | - | 20,000 |
| Replace Roll-off truck | - | - | - | - | - | - | 250,000 | - | 250,000 |
| Roll-off containers - Ivy and McIntire split | - | - | - | - | - | - | - | - | - |
| Total Equipment to allocate | - | - | - | 20,000 | 150,000 | 30,000 | 250,000 | - | 450,000 |
| Allocation: | | | | | | | | | |
| Ivy Operations | - | - | - | 8,000 | 75,000 | 7,500 | 37,500 | - | 128,000 |
| Ivy Transfer Station | - | - | - | 8,000 | 75,000 | 7,500 | 62,500 | - | 153,000 |
| Ivy Environmental | - | - | - | 4,000 | - | 7,500 | 62,500 | - | 74,000 |
| Recycling | - | - | - | - | - | 7,500 | 87,500 | - | 95,000 |
| Total Cost Center Allocations | \$ - | \$ - | \$ - | \$ 20,000 | \$ 150,000 | \$ 30,000 | \$ 250,000 | \$ - | \$ 450,000 |

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Appendices

Rivanna Solid Waste Authority

Fiscal Year 2020-2021

Rivanna Solid Waste Authority
Fiscal Year 2020-2021

General Definitions

| | |
|--------------------------------------|--|
| MSW | Municipal Solid Waste, a.k.a. non-hazardous household, commercial refuse and construction debris |
| Operating Revenue Categories: | |
| Ivy Tipping Fees | Fees for items received at Ivy, either per ton or per item |
| Transfer Station Tipping Fees | Fees per ton of MSW delivered to the Ivy transfer station for all wastes. |
| Material Sales - Ivy | Sales of mulch, wood chips, metal, and encore items |
| Recycling Revenues | Material sales primarily from McIntire / Paper Sort collections |
| Recycling Revenues - Ivy C.C. | Material sales primarily from the Ivy Convenience Center material collections |
| Other Revenues | Grants, fees for services, and finance charges |
| Interest | Interest earned on operating and escrow funds |
| Operating Expenses: | |
| Ivy Operations | Operations and maintenance costs for all non-Transfer Station services (Yard/Veg waste, Tires, Clean fill, etc.) |
| Ivy Environmental | Ground water and gas remediation costs |
| MSW - Transfer | Personnel costs, maintenance, and contract costs for the Transfer Station |
| Recycling Operations | Operations and maintenance costs for McIntire and Paper Sort |
| Recycling Operations - Ivy C.C. | Operations and maintenance costs for Ivy Convenience Center |
| Administration | Administrative overhead |
| Tipping Fees: | |
| Clean Fill Material | Mixed dirt, bricks, concrete, road materials |
| Grindable Vegetative Material | Wood waste suitable for chipping |
| Pallets | Pallets are either chipped or sold for reuse |
| 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 2020-2021

| Authority Staffing Plan | | FY 2021 | FY 2020 Approved | CHANGE FROM | |
|--|---|----------------------------|------------------|-------------|------|
| | | (FTE) FULL-TIME EQUIVALENT | FTE | FY 2020 | |
| 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 | |
| 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 | 0.00 | 1.00 | |
| | Operator/Attendant (Part-time) | 0.50 | 0.00 | 0.50 | |
| | <u>Recycling - McIntire / Paper Sort</u> | | | | |
| | Operator/Attendant - McIntire (Part-time) | 0.50 | 0.50 | 0.00 | |
| | Operator/Attendant - Paper Sort | 1.00 | 1.00 | 0.00 | |
| | Operator/Attendant - McIntire | 1.00 | 1.00 | 0.00 | |
| | Scale Clerks | 2.50 | 2.50 | 0.00 | |
| | Driver/Equipment Operator (allocated to all Cost Centers) | 6.00 | 5.00 | 1.00 | |
| | | <i>Subtotal</i> | 19.50 | 18.00 | 1.50 |

| | | | | | |
|-----------------------------------|--|-------|-------|------|--|
| Joint Administrative Staff | Executive Director | 1.00 | 1.00 | 0.00 | |
| | Communications Manager/Executive Coordinator | 1.00 | 1.00 | 0.00 | |
| | Director of Finance/Administration | 1.00 | 1.00 | 0.00 | |
| | Office/ HR Manager | 1.00 | 1.00 | 0.00 | |
| | Payroll & Benefits Coordinator | 1.00 | 1.00 | 0.00 | |
| | Accounts Receivable Technician | 1.00 | 1.00 | 0.00 | |
| | Accounts Payable Technician | 1.00 | 1.00 | 0.00 | |
| | Secretary - Reception | 1.00 | 1.00 | 0.00 | |
| | Administrative Office Technician | 1.00 | 1.00 | 0.00 | |
| | Senior Accountant | 1.00 | 1.00 | 0.00 | |
| | Accounting Associate | 0.00 | 0.00 | 0.00 | |
| | Information Systems Manager | 1.00 | 1.00 | 0.00 | |
| | Information Systems Assistant | 1.00 | 1.00 | 0.00 | |
| | Scada Supervisor | 1.00 | 1.00 | 0.00 | |
| | Scada Technician | 1.00 | 1.00 | 0.00 | |
| | IT/Scada Technician | 0.00 | 0.00 | 0.00 | |
| | Software Analyst | 1.00 | 1.00 | 0.00 | |
| | GIS Coordinator (moved from Engineering) | 1.00 | 1.00 | 0.00 | |
| Environmental/Safety Manager | 1.00 | 1.00 | 0.00 | | |
| | <i>Subtotal</i> | 17.00 | 17.00 | 0.00 | |

| FTE Split with RWSA | | SWA FTEs |
|----------------------------|--|-----------------|
| FY 2021 | | 4.20 |
| FY 2020 | | 4.20 |

**Rivanna Solid Waste Authority
Fiscal Year 2020-2021**

Cost Allocation for Administrative Services Provided by RWSA

| | <u>Base</u> | <u>Percentage</u> | <u>FY 2021 SWA Share</u> | <u>FY 2020 SWA Share</u> |
|------------------------------------|--------------|-------------------|------------------------------|------------------------------|
| Salaries Total Admin. | | | | |
| SWA share | \$ 1,522,000 | 22% | \$ 334,840 | \$ 305,450 |
| Benefits Total Admin. | | | | |
| SWA share | 570,000 | 22% | 125,400 | 108,928 |
| Other Personnel Costs | 42,700 | 22% | 9,394 | 8,717 |
| Professional Services | 90,000 | 16% | 14,400 | 3,000 |
| General Other Services | 18,000 | 20% | 3,600 | 1,000 |
| Building and Grounds | 57,000 | 20% | 11,400 | 11,420 |
| Communications | 21,500 | 15% | 3,225 | 2,775 |
| Technology | 148,000 | 23% | 34,040 | 19,163 |
| Office Supplies and Postage | 24,250 | 25% | 6,063 | 5,375 |
| Vehicles | 18,000 | 5% | 1,300 | 500 |
| | | | \$ 543,662 | \$ 466,328 |

Rounded to {Total shared costs to RWSA} \$ 543,000 \$ 466,000

All other costs 254,358
 Less Interest revenue (51,400)
 Administrative cost to allocate **\$ 745,958**

Administration costs allocated to cost centers

| | | |
|-------------------|-------------------|----------------|
| Ivy Operations | \$ 186,490 | 25.00% |
| MOU Environmental | 223,787 | 30.00% |
| Ivy Transfer/MSW | 186,490 | 25.00% |
| Recycling | 149,192 | 20.00% |
| | \$ 745,958 | 100.00% |

**Rivanna Solid Waste Authority
Material Analysis Report
Waste Tonnages
Fiscal Years 2016-2020**

| | FY 2016 | FY 2017 | FY 2018 | FY 2019 | FY 2020 (Jul-Dec) | FY 2020 Projected |
|-------------------------------------|---------------|---------------|---------------|---------------|----------------------|----------------------|
| Ivy Waste Tonnage Categories | | | | | | |
| Clean Fill Material | 5,889 | 6,354 | 4,819 | 7,764 | 5,602 | 11,204 |
| Grindable Vegetative Material | 1,560 | 2,864 | 2,199 | 2,988 | 2,008 | 4,016 |
| Compost | | | 174 | 443 | 269 | 538 |
| Pallets | 55 | 72 | 77 | 73 | 21 | 21 |
| Tires, Whole | 169 | 87 | 58 | 171 | 54 | 108 |
| White Goods (Non-Freon) | 13 | 10 | 11 | 13 | 5 | 10 |
| Total Non-MSW | 7,686 | 9,387 | 7,338 | 11,452 | 7,959 | 15,897 |
| MSW Tonnages | | | | | | |
| Ivy: | | | | | | |
| Ivy MSW TS | 7,761 | 8,341 | 8,423 | 16,404 | 15,419 | 30,838 |
| Total Ivy MSW | 7,761 | 8,341 | 8,423 | 16,404 | 15,419 | 30,838 |
| Total | 15,447 | 17,728 | 15,761 | 27,856 | 23,378 | 46,735 |

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**Rivanna Solid Waste Authority
Historical Material Tonnage Report - Recycling
Fiscal Years 2016-2020**

| Fiscal Year 2016 | Fiscal Year 2017 | Fiscal Year 2018 | Fiscal Year 2019 | Fiscal Year 2020 (Jul-Nov) |
|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---|
|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---|

In U.S. Tons

Fiber Products

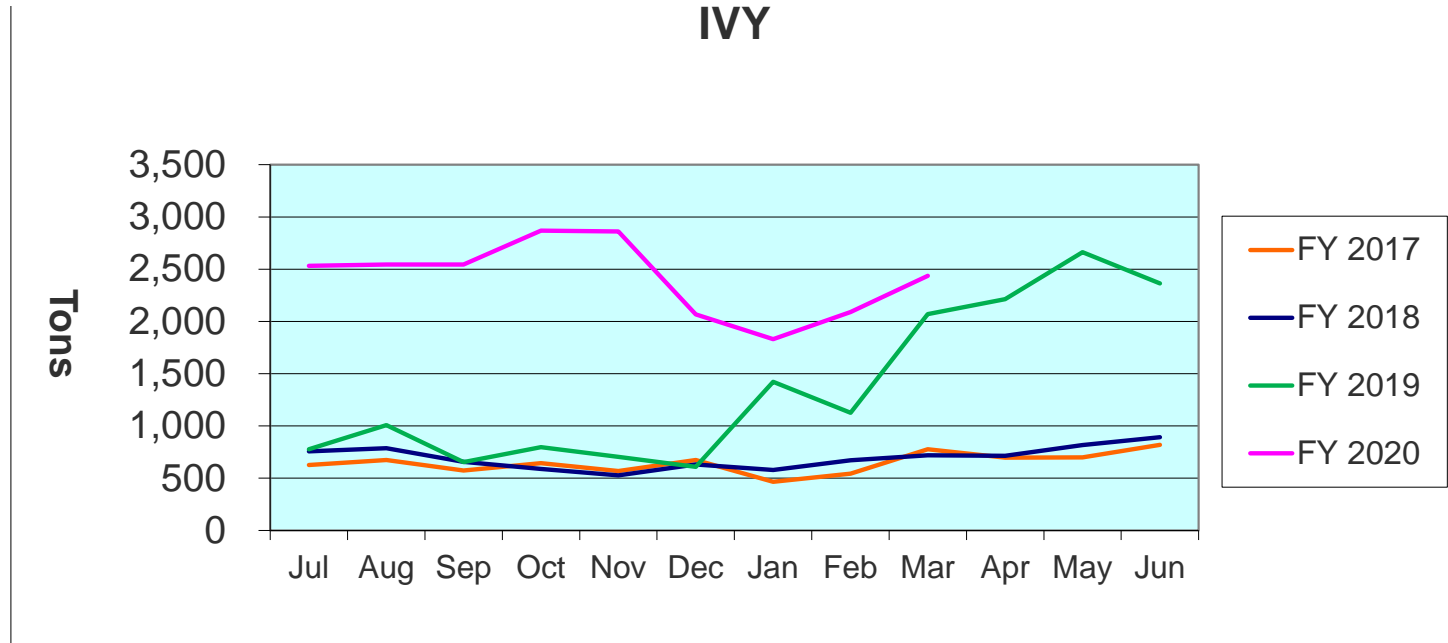
| | | | | | |
|--------------------------------|--------------|--------------|--------------|--------------|------------|
| Newspaper, Magazines, Catalogs | 512 | 419 | 424 | 427 | 105 |
| Cardboard (Corrugated) | 459 | 812 | 763 | 807 | 248 |
| Mixed Paper and Phone Books | 214 | 156 | 186 | 265 | 290 |
| File Stock (Office Paper) | 125 | 122 | 111 | 128 | 57 |
| Total Fiber Products | 1,310 | 1,509 | 1,484 | 1,627 | 700 |

Other Products

| | | | | | |
|-----------------------------|--------------|--------------|--------------|--------------|------------|
| Glass | 191 | 252 | 252 | 411 | 195 |
| Metal Cans | 32 | 31 | 41 | 58 | 19 |
| Plastic | 82 | 86 | 103 | 127 | 43 |
| Total Other Products | 305 | 369 | 396 | 596 | 257 |
| Total | 1,615 | 1,878 | 1,880 | 2,223 | 957 |

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Rivanna Solid Waste Authority
MSW Transfer Tonnages
FY 2016 - 2019



**Rivanna Solid Waste Authority
Fiscal Year 2020-2021**

Cash Reserve Balances

Operating Cash Accounts

December 2019 Ending Balance \$ 2,410,640

Capital Cash Reserves

December 2019 Ending Balance \$ 1,155,188

Estimated additions 67,500

Estimated expenditures (185,700)

Estimated Ending Balance \$ 1,036,988

Total Discretionary Funds \$ 3,447,628

Trust Fund with DEQ \$ 126,600

Liabilities

Closure and Post Closure * \$ 5,771,421

Estimated Accounts Payable 151,000

Estimated Accrued Leave 30,300

Estimated Accrued VERIP 76,000

Net OPEB Liability 36,000

Net Pension Liability 154,800

Total Liabilities \$ 6,219,521

* The City and County are currently using a local guarantee option as financial assurance to DEQ with the exception of the \$123,741 trust fund for the Transfer Station Closure.

**Rivanna Solid Waste Authority
Fiscal Year 2020-2021**

Local & MOU Support

| | Annual <u>FY 2021</u> | Annual <u>FY 2020</u> | <u>Change</u> |
|---------------------------|--------------------------|--------------------------|--------------------|
| <u>County</u> | | | |
| Local Support - Ivy | \$ 828,038 | \$ 753,522 | \$ 74,516 |
| Local Support - Ivy C. C. | 280,682 | - | 280,682 |
| Local Support - Recycling | 396,235 | 327,293 | 68,942 |
| MOU - Environmental | <u>502,465</u> | <u>638,937</u> | <u>(136,472)</u> |
| | \$ 2,007,421 | \$ 1,719,752 | \$ 287,669 |
| <u>City</u> | | | |
| Local Support - Recycling | \$ 169,815 | \$ 140,269 | \$ 29,546 |
| MOU - Environmental | <u>276,551</u> | <u>351,663</u> | <u>(75,112)</u> |
| | \$ 446,366 | \$ 491,932 | \$ (45,566) |

Proposed Budget

FY 2020 - 21
\$5.15 M



Presented by Bill Mawyer, Executive Director

May 26, 2020

Accomplishments in FY 2020

- Completed New IMUC Convenience Center
- Expanded Services at McIntire Recycling Center

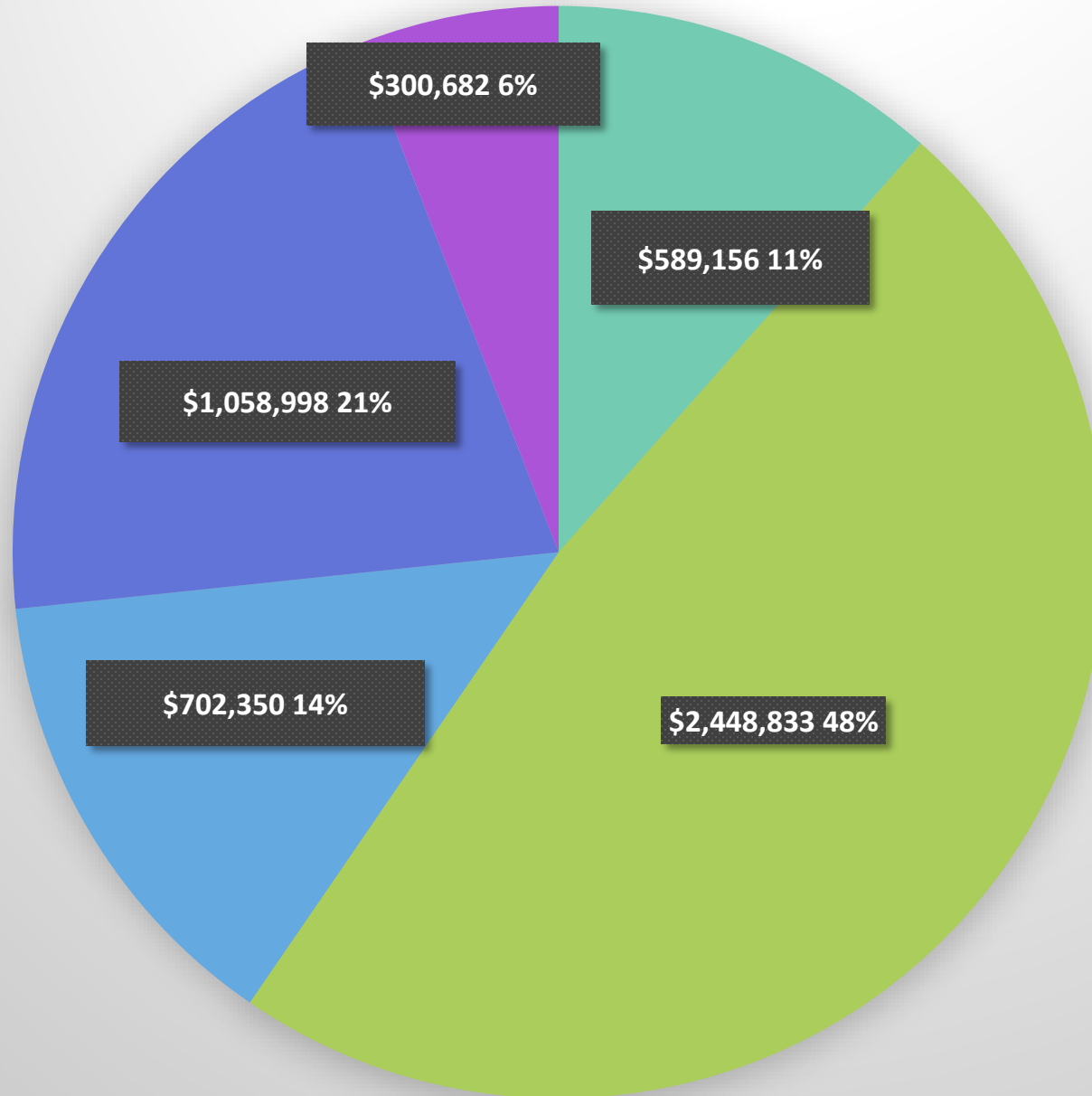


Looking Ahead to FY 2021

- Open the IMUC Convenience Center
- Implement Forestry Management Plan for IMUC
- Continue Bulky Waste, HHW, eWaste, Mulch and Compost Programs



FY 2021 Total Budget: \$5.15 M



- Ivy Operations
- Ivy Transfer
- Recycling
- Environmental
- Conv. Center

FY 2020-21 Budget Summary

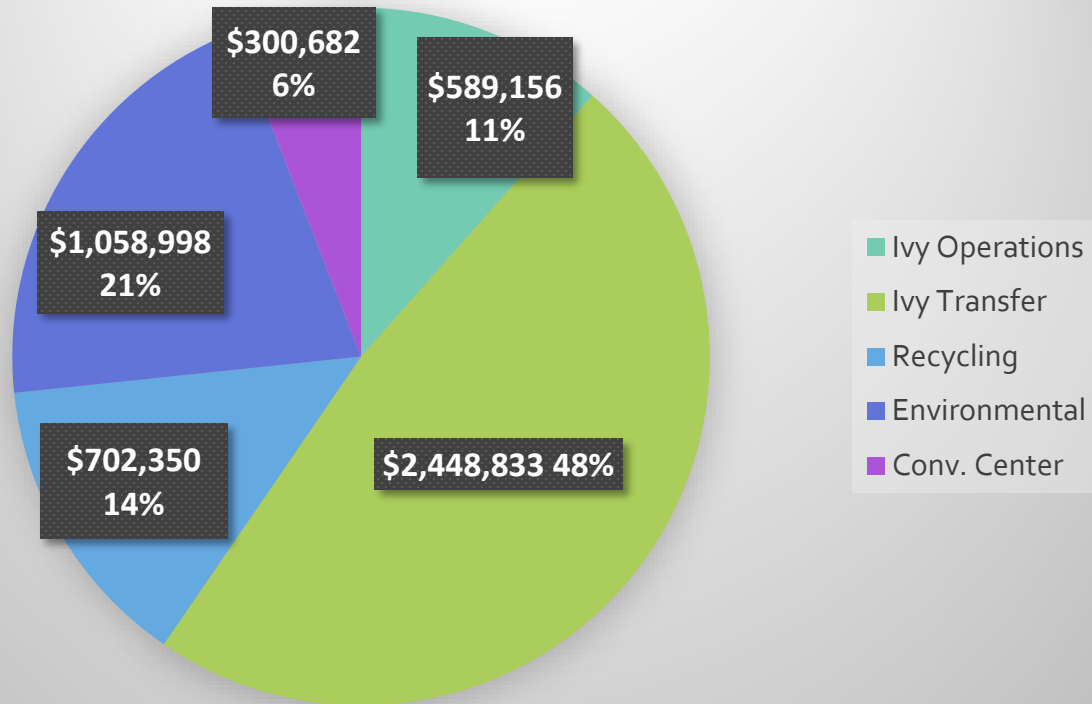
➤ Total Budget: \$5.15 M net increase of \$442,103

| | | | |
|-------------|---------------|-------------|--------------|
| Expenses | \$5,151,468 | \$909,863 | 21% increase |
| Revenues | \$2,417,700 | \$467,760 | 24% increase |
| Allocations | <\$2,733,768> | <\$442,103> | |

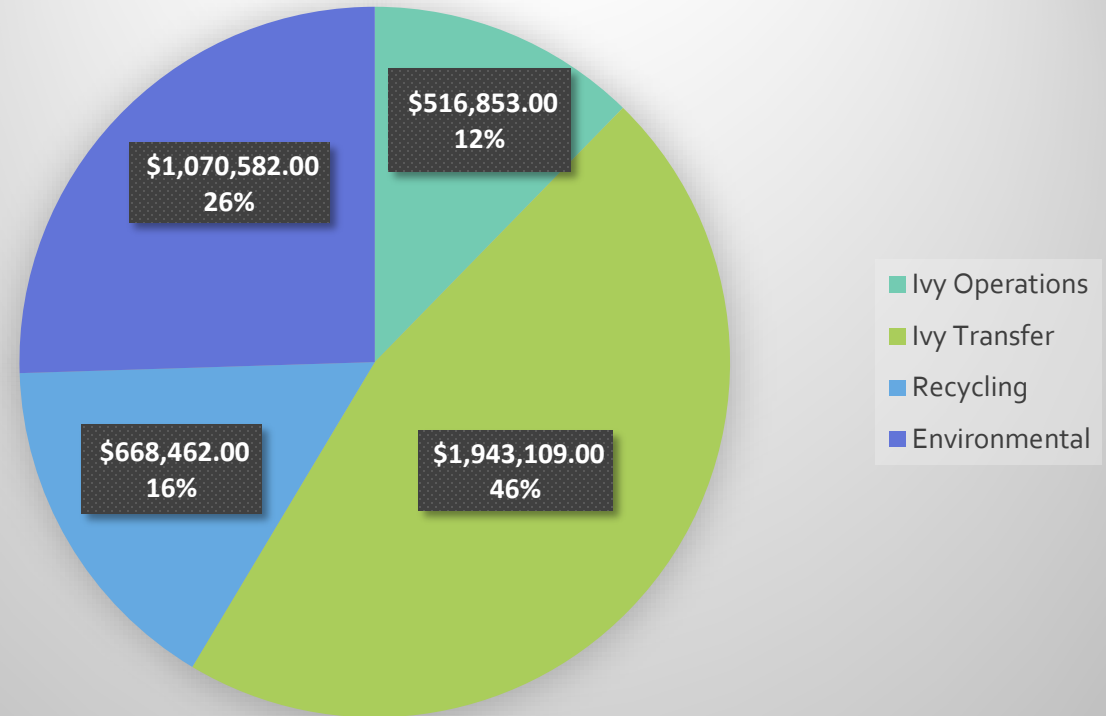
- County Allocation: \$2,007,421 \$287,669 14% increase
- City Allocation: \$446,366 <\$45,932> 10% decrease
- UVA Allocation: \$79,982 --- (thru FY 2035)
- RSWA Reserves: \$200,000 \$200,000

Budget Comparison

FY 2021 Total Budget: \$5.15 M



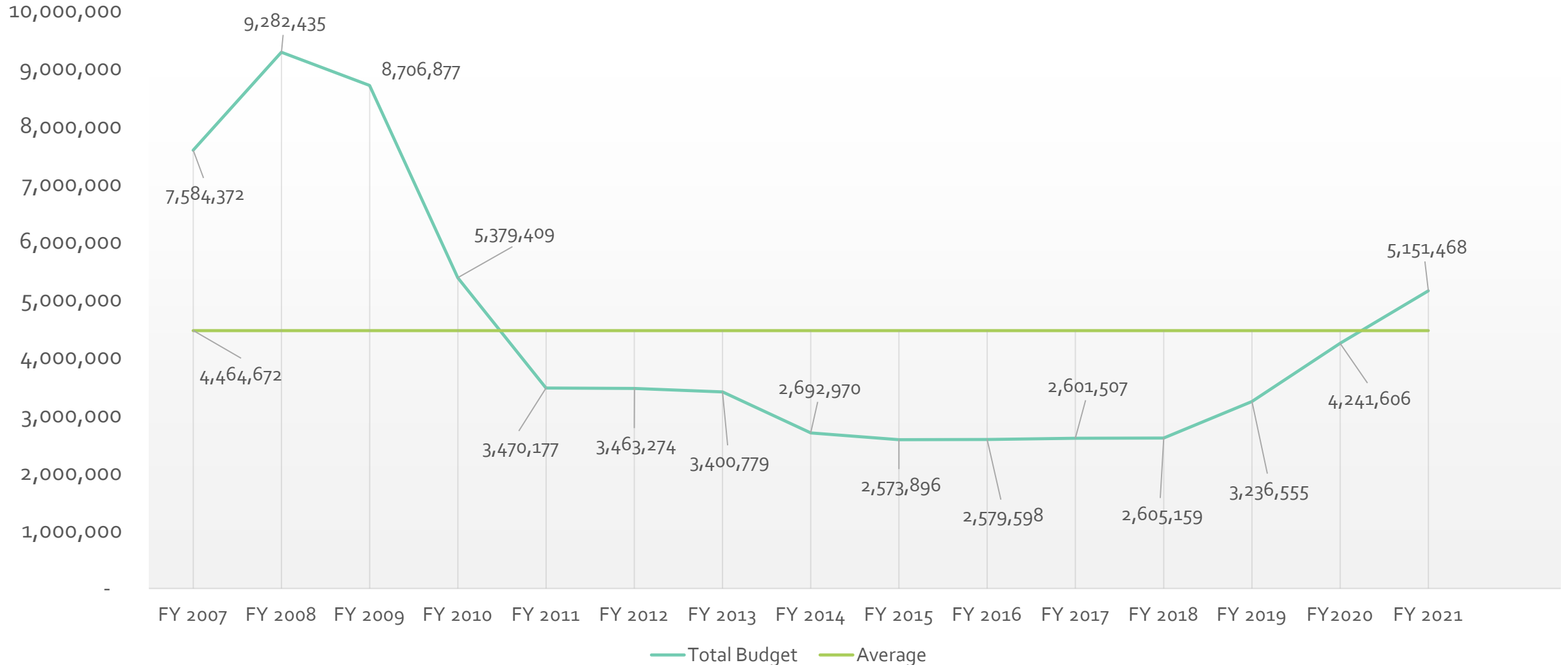
FY 2020 Total Budget: \$4.2 M



Budget Increase Drivers

- New Convenience Center \$280 K
 - Additional 1.5 FTEs, equipment transportation
 - Increased Recycling Expenses \$100 K
 - Decreased product values
 - Increased Operating Expenses \$55 K
 - Wood grinding, equipment depreciation
- \$435 k

15 Year Budget History



Cost Centers

Ivy Operations – Yard/Veg Waste, Tires, Clean Fill, Bulky Waste

- Revenue: \$346,000
- Expenses: \$589,156
- Net: \$(243,156)
- Local Funding
 - County: \$243,156

Cost Centers

Ivy Transfer – Staff, Maintenance, and Contract Costs for the Transportation and Disposal of MSW & CDD

- Revenues: \$1,864,000
- Expenses: \$2,448,883
- Net: \$(584,883)
- Local Funding
 - County: \$ 584,883

Cost Centers

Recycling – McIntire Recycling Center and Paper Sort Facility

- Revenues: \$136,300
- Expenses: \$702,350
- Net: \$(566,050)

- Local Funding
 - County: \$396,235 70%
 - City: \$169,815 30%
- \$ 566,050

Cost Centers

Environmental – Groundwater and Gas Remediation, eWaste, HHW, Paint Disposal, Landfill Cap Repairs

- Expenses: \$1,058,998
- RSWA Reserves: \$200,000
- Local Funding
 - County: \$502,465
 - City: \$276,551
 - UVA: \$79,982

These costs are allocated to the City, County and University in accordance with the "Memorandum of Understanding" dated January 2005. The MOU was pursuant to the Corrective Action Plan submitted to the VDEQ for the closure, remediation and monitoring costs for the Landfill. The MOU allocated a fixed amount (\$79,932 per year) to UVA for 30 years, 35.5% of the balance of the annual costs to the City, and 64.5% of the balance of the annual costs to the County. The MOU anticipated an annual Environmental cost of approx. \$1.14 M per year for years 6 – 30 of the agreement.

Cost Centers

IMUC Convenience Center

- Revenues: \$20,000
- Expenses: \$300,682
- Net: \$(280,682)
- Local Funding
 - County: \$ 280,682

Total Allocation for FY 21

| Cost Center | City | County | UVA |
|-----------------------|------------------|--------------------|-----------------|
| 1. Environmental | 276,551 | 502,465 | 79,982 |
| 2. Recycling | 169,815 | 396,235 | 0 |
| 3. Transfer | 0 | 584,883 | 0 |
| 4. Operations | 0 | 243,156 | 0 |
| 5. Convenience Center | 0 | 280,682 | 0 |
| | \$446,366 | \$2,007,421 | \$79,982 |

FY 2021 Budget Summary

\$5.15 million

- Increase in RSWA Health Insurance Costs
- Additional Positions: 1.5 FTEs
 - Operator Attendants (IMUC Convenience Center)
- No Change in IMUC Fees
 - Added Compost Fee of \$75/ton
- County, City and UVA Allocations + Reserves
 - County \$2,007,421 increase of \$287,669
 - City \$446,366 decrease of \$45,932
 - UVA \$79,982
 - Reserves \$200,000

Questions?

Action Requested: Approval of the Preliminary Rate Schedule, and Notification of a Public Hearing to be Held on June 23, 2020 during the Regularly Scheduled Board of Directors Meeting

RESOLUTION

**ADOPTION OF THE RIVANNA SOLID WASTE AUTHORITY
PRELIMINARY RATE SCHEDULE
FOR FISCAL YEAR 2021**

WHEREAS, Rivanna Solid Waste Authority (the “Authority”) Board of Directors has reviewed the proposed budget and associated rates for Fiscal Year 2021; and

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

NOW, THEREFORE, BE IT RESOLVED that the Rivanna Solid Waste Authority Board of Directors hereby approves the accompanying Ivy Material Utilization Center preliminary rate schedule for the purpose of notification of a public hearing to be held on June 23, 2020 at 2:00 p.m. during the regularly scheduled Board of Directors meeting.

| <u>TIPPING FEES PER TON:</u> | | <u>TIPPING FEES PER ITEM:</u> | |
|--------------------------------------|-----------|---|-----------|
| Clean Fill Material | \$ 10.00 | Freon Appliances | \$ 17.00 |
| Vegetation/ Yard Waste | \$ 48.00 | Non-Freon Appliances | \$ 9.00 |
| Non-Freon Appliances | \$ 105.00 | Passenger Veh. Tire Off Rim | \$ 6.00 |
| Domestic Waste (MSW) | \$ 52.00 | Passenger Veh. Tire With Rim | \$ 13.00 |
| Construction Debris (CDD) | \$ 52.00 | Large Truck Tire Off Rim | \$ 17.00 |
| Compostable Waste (Business Only) | \$ 178.00 | Large Truck Tire With Rim | \$ 33.00 |
| Tires | \$ 190.00 | | |
| | | | |
| <u>OTHER CHARGES:</u> | | | |
| Minimum Charge (per load) | \$ 6.00 | Service Fee Per Ticket: | |
| Mulch or Lumber Log (per ton) | \$ 30.00 | Albemarle County customers | \$ 1.00 |
| Compost Sold (per ton) | \$ 75.00 | Other customers | \$ 10.00 |
| Trash Stickers (for set of 12) | \$ 24.00 | Hauling Fee Per Load Based on Location: | |
| Ticket Request (per copy) | \$ 1.00 | Minimum | \$ 100.00 |
| Credit Application Fee (each) | \$ 35.00 | Maximum | \$ 142.00 |