



Rivanna Solid Waste Authority

Board of Directors Regular Meeting

May 22, 2018
2:00pm



RIVANNA SOLID WASTE AUTHORITY

695 Moores Creek Lane • Charlottesville, Virginia 22902 • (434) 977-2970

BOARD OF DIRECTORS

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

DATE: May 22, 2018

LOCATION: Conference Room, Administration Building
695 Moores Creek Lane, Charlottesville, VA

TIME: 2:00 p.m.

AGENDA

- 1. CALL TO ORDER**
- 2. MINUTES OF PREVIOUS BOARD MEETING**
 - a. Minutes of the Regular Meeting of the Board on April 24, 2018*
- 3. RECOGNITION**
- 4. EXECUTIVE DIRECTOR'S REPORT**
- 5. ITEMS FROM THE PUBLIC**
- 6. RESPONSES TO PUBLIC COMMENTS**
- 7. CONSENT AGENDA**
 - a. Staff Report on Finance*
 - b. Staff Report on Ivy Material Utilization Center/Recycling Operations Update*
 - c. Staff Report on Ivy Landfill Environmental Status*
 - d. Staff Report on Ongoing Projects*
 - e. Proposed Amendment No. 7 to the Local Government Agreement for Recycling Programs*
 - f. Recommendation to Approve Transportation and Disposal Contract from the New Ivy Transfer Station, Thompson Trucking*
- 8. OTHER BUSINESS**
 - a. Proposed Fiscal Year 2018-2019 Budget Review, Public Hearing and Rate Resolution Adoption: Bill Mawyer, Executive Director*
- 9. OTHER ITEMS FROM BOARD/STAFF NOT ON AGENDA**
- 10. CLOSED MEETING**
- 11. ADJOURNMENT**

GUIDELINES FOR PUBLIC COMMENT AT RIVANNA BOARD OF DIRECTORS MEETINGS

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

Members of the public requesting to speak will be recognized during the specific time designated on the meeting agenda for "Items From The Public." Each person will be allowed to speak for up to three minutes. When two or more individuals are present from the same group, it is recommended that the group designate a spokesperson to present its comments to the Board and the designated speaker can ask other members of the group to be recognized by raising their hand or standing. Each spokesperson for a group will be allowed to speak for up to five minutes.

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

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

- Wait at your seat until recognized by the Chair.
- Come forward and state your full name and address and your organizational affiliation if speaking for a group;
- Address your comments to the Board as a whole;
- State your position clearly and succinctly and give facts and data to support your position;
- Summarize your key points and provide the Board with a written statement, or supporting rationale, when possible;
- If you represent a group, you may ask others at the meeting to be recognized by raising their hand or standing;
- Be respectful and civil in all interactions at Board meetings;
- The Board may ask speakers questions or seek clarification, but recognize that Board meetings are not a forum for public debate; Board Members will not recognize comments made from the audience and ask that members of the audience not interrupt the comments of speakers and remain silent while others are speaking so that other members in the audience can hear the speaker;
- The Board will have the opportunity to address public comments after the public comment session has been closed;
- At the request of the Chair, 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(s)



RIVANNA SOLID WASTE AUTHORITY

695 Moores Creek Lane • Charlottesville, Virginia 22902 • (434) 977-2970

RSWA BOARD OF DIRECTORS Minutes of Regular Meeting April 24, 2018

A regular meeting of the Rivanna Solid Waste Authority (RSWA) Board of Directors was held on Tuesday, April 24, 2018 at 2:00 p.m. in the 2nd floor conference room, Administration Building, 695 Moores Creek Lane, Charlottesville, Virginia.

Board Members Present: Mr. Mike Gaffney – presiding, Mr. Trevor Henry, Ms. Lauren Hildebrand, Mr. Paul Oberdorfer, Mr. Gary O’Connell, Dr. Liz Palmer and Mr. Jeff Richardson.

Board Members Absent: Mr. Maurice Jones.

Staff Present: Mr. Mark Brownlee, Ms. Victoria Fort, Mr. Tom Freeman, Ms. Bethany Houchens, Mr. Bill Mawyer, Ms. Katie McIlwee, Mr. Philip McKalips, Mr. Bill Morris, Mr. David Rhodes, Mr. Scott Schiller, Ms. Michelle Simpson, Ms. Andrea Terry, Ms. Jennifer Whitaker, Mr. Lonnie Wood and Mr. Jay Young.

Also Present: Mr. Kurt Krueger – RSWA Counsel, members of the public, and media representatives.

1. CALL TO ORDER

Mr. Gaffney called the meeting to order at 2:00 p.m.

2. MINUTES OF PREVIOUS BOARD MEETING

a. Minutes of the Regular Meeting of the Board of February 27, 2018

There were no changes to the minutes.

MOTION: Ms. Galvin moved to approve the minutes of the RSWA February 27, 2018 meeting as presented. Mr. Oberdorfer seconded the motion, which passed unanimously (6-0). Mr. Jones was absent from the meeting and the vote.

3. RECOGNITION

Government Finance Officers Association’s Certificate of Achievement for Excellence in Financial Reporting awarded to the RSWA for its 2017 comprehensive annual financial report (CAFR)

Mr. Gaffney read the following resolution into the record:

42
43 **WHEREAS**, March 23, 2018, the Certificate of Achievement for Excellence in Financial
44 Reporting has been awarded to Rivanna Water & Sewer Authority by the Government of Finance
45 Officers Association of the United States and Canada (GFOA) for its comprehensive annual
46 financial report (CAFR).
47

48 **WHEREAS**, the Certificate of Achievement is the highest form of recognition in the area
49 of governmental accounting and financial reporting, and its attainment represents a significant
50 accomplishment by a government and its management.
51

52 **WHEREAS**, the Award of Financial Reporting Achievement has been awarded to the
53 Finance Department and Lonnie Wood, Director of Finance and Administration for preparing the
54 award-winning CAFR.
55

56 **WHEREAS**, the CAFR has been judged by an impartial panel to meet the high standards
57 of the program, which includes demonstrating a constructive “spirit of full disclosure” to clearly
58 communicate its financial story and motivate potential users and user groups to read the CAFR.
59

60 **NOW, THEREFORE, BE IT RESOLVED**, the Rivanna Water & Sewer Authority
61 Board of Directors recognizes and commends the Finance Department and Lonnie Wood for their
62 professional dedication and personal diligence, and orders that this Resolution of Appreciation be
63 entered upon the permanent minutes of the Rivanna Water & Sewer Authority.
64

65 **Mr. Richardson moved to adopt the resolution as presented. Ms. Galvin seconded the**
66 **motion, which passed unanimously (6-0). Mr. Jones was absent from the meeting and the**
67 **vote.**
68

69 ***4. EXECUTIVE DIRECTOR’S REPORT*** 70

71 Mr. Mawyer reported that RSWA began the Spring Household Hazardous Waste and Bulky
72 Waste Amnesty Day programs, beginning April 26 with commercial vendors, April 27 for
73 residential customers – and on May 5, 12, and 19 they would take furniture, appliances, and tires,
74 respectively. He stated that Rivanna could not get the E-Waste Day to adjoin the other amnesty
75 days because the vendor had a conflict, so the first E-Waste Day was scheduled for Saturday,
76 July 21. Mr. Mawyer stated that they were hoping to get it to fold into the fall amnesty day
77 programs.
78

79 Mr. Mawyer reported that he has been relating strategic plan goals to actual projects Rivanna is
80 working on, and the amnesty days were a part of environmental stewardship goals as well as
81 solid waste services goals. He stated that they also have a strategic plan goal for communication
82 and collaboration, and Katie McIlwee has developed a new education page on the rivanna.org
83 website to inform the community about projects, topics, and resources related to water,
84 wastewater and recycling. Mr. Mawyer noted that in April, they had also provided a tour of the
85 McIntire Recycling Center for a class of kindergartners and first graders from Community
86 Christian Academy.
87

Mr. Mawyer stated that the Ivy Transfer Station aligned with the strategic planning goal for infrastructure, development, and solid waste management, and he presented a picture of the transfer station project – which he said was about 50% complete. He stated that Rivanna would be working with the County on a slight change that needed to be made to the access road, with completion of the transfer station slated for September or October 2018. Mr. Mawyer noted that the master planning process for the Ivy MUC facility would begin in the next two weeks.

5. ITEMS FROM THE PUBLIC

There were no items from the public.

6. RESPONSES TO PUBLIC COMMENTS

There were no responses to public comments for this month.

7. CONSENT AGENDA

a. Staff Report on Finance

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

c. Staff Report on Ivy Landfill Environmental Status

d. Staff Report on Ongoing Projects

Mr. Galvin moved to adopt the Consent Agenda as presented. Mr. Henry seconded the motion, which passed unanimously (6-0). Mr. Jones was absent from the meeting and the vote.

8. OTHER BUSINESS

a. Introduction of Fiscal Year 2018-2019 Budget and Adoption of the Preliminary Rate Resolution – Bill Mawyer, Executive Director

Mr. Mawyer reported that Rivanna expected the upcoming fiscal year to be a very exciting one for RSWA, with completion of the transfer station and new programs such as e-waste, with the compost program continuing and a variety of items they were doing along with the master plan. He stated that some accomplishments from the previous year included completing the strategic plan, adding one day a week at the McIntire Recycling Center and extending summer hours that were now in effect, and expanding the composting program to include the Ivy facility, in addition to McIntire. He noted that the composting program was a regional program they were trying to cultivate with UVA, which was contracting with Black Bear Composting to pick up refuse and bring it to Ivy; then Rivanna contracts with Black Bear to take the refuse to Crimora, where they make compost.

Mr. Mawyer stated that Rivanna was eager to get going with the strategic plan, complete the transfer station, get the e-waste program started, and complete the Ivy facility master plan. He said the budget for the upcoming fiscal year was \$3.2 million, with four cost centers – the largest

being the Ivy Transfer Station component. He stated that the environmental cost center covered groundwater and gas remediation programs of old landfill areas, refuse disposal areas, and also included the e-waste and household hazard waste programs, as well as paint disposal. He said this cost center was funded by the County, the City, and UVA – which paid a fixed fee of \$79,902 through the year 2034; the County paid 64.5% and the City paid 35.5% of the remaining balance, in accordance with the January 2005 four-party agreement between the City, County, Rivanna Authority, and UVA.

Mr. Mawyer said that this year there would be a net deficit of \$390,000 after those contributions, which Rivanna intends to fund from cash reserves. He stated that the cash reserves in this fund were declining, and they would likely need to discuss with the City and County about the future and the need to allocate funds in lieu of using cash reserves. Mr. Mawyer stated that the alternatives were to look at the programs they were sponsoring, with E-Waste Days funded at \$24,000, which is two \$12,000 days and involved a limited capacity based upon the number of trailers the vendor would bring.

He noted that they were expecting a strong turnout from the community because this was the first time they would be offering the program, and they may have to come back before the Board for decisions if they wanted to expand beyond that budget. Mr. Mawyer stated that Ms. McIlwee and Mr. McKalips were developing an online sign-up program so they could gauge the interest for the July E-Waste Day, hoping that people will make a reservation so there were not long lines of customers that could not be accommodated with space in the trailers for their e-waste.

Ms. Galvin asked if there were other ideas for closing the deficit.

Mr. Mawyer responded that they could limit paint disposal to HHW days instead of offering it every day; they could make HHW events annual instead of semi-annual; and they could decide not to continue E-Waste Days. He stated that most of the groundwater and gas remediation expenses were fairly firm, as they had to do the sampling and testing as requiring.

Ms. Galvin asked about revenue increases.

Mr. Mawyer responded that there were no revenue assigned to the environmental fund, as it was remediating refuse.

Ms. Galvin clarified that she wondered if it could be resolved through another cost center.

Mr. Mawyer responded that there was, and he would get to that in his report.

Ms. Palmer commented that there would be costs associated with expansion of recycling services.

Mr. Mawyer pointed out that they have four cost centers, and they all work at a deficit.

He reported that the Ivy operations were yard waste, vegetative waste operations – collecting tires, clean fill, bulky waste – and this cost center was fully funded, with the deficit funded by

the County. He stated that they would be evaluating the preliminary rate schedule in the fall, and this would be an area where they could look at charges to see if they were market based and if they wanted to continue these services or change the fees.

Mr. Mawyer reported that the Ivy Transfer Station was the RSWA's largest cost center, with an expense budget of \$1.3 million, and they anticipated revenue of \$725,000 from the paying businesses who brought their refuse to Ivy for disposal. He stated that the County made up that deficit of \$623,000. He said that the recycling program at the McIntire and the Paper Sort is a shared cost center by agreement, with the County paying 70% and the City paying 30%, and it operated at a deficit of about \$330,000.

Mr. Mawyer reported that Rivanna had a 3% merit pool proposed for all employees, with a 10% increase in healthcare costs in the budget, four additional positions – three of which are fully supported by the transfer station. He explained that an equipment operator would be working inside the transfer station and operating the tractor that pushed the refuse into the disposal chute; one attendant would help direct traffic in and out of the transfer station; and an additional scale clerk would be needed to help with inbound/outbound traffic at the scale house. He stated that the fourth position was a division director, as there was currently no administrator between him and the landfill manager, and as the services were increased, another administrative position was proposed to help manage activities.

Mr. Mawyer said they did not propose a change in the tipping fees at this point, but they added a \$178-per-ton fee for compostable food waste for businesses that want to bring products to Ivy. He stated that they may revisit tipping fees in the fall, as the transfer station would not be completed until then, and at that time they would reconsider the fees and ensure they were market based. He said they were assessing market conditions at Zions Crossroads, with Van Der Linde going out of business and County Waste is proposing changes to its contract with the City, along with different dynamics in the recycling and refuse market.

He noted that the Board would meet in August, and staff was aiming to have new data and a new fee schedule that would be advertised for public hearing at the November meeting, going into effect in December or January, if approved. Mr. Mawyer stated that this would be an opportunity for additional revenue, after evaluating how many tons were brought in and the possibility of net gains in revenue, hopefully reducing the deficit.

Ms. Palmer stated that they should not expect people to start pouring in immediately after it is opened, and it could take a few years to see the change. She said they were making the transfer station situation much more efficient for larger haulers to use, and there may be new people coming into the business as the larger haulers don't always offer the desired services.

Mr. Mawyer responded that Rivanna was talking with some of the private businesses in the area and getting information from them as to what the dynamics would be from their view, including interest in coming to Ivy and what the market would bear. He stated that the City were budgeted to be about \$207,000, which would increase by \$28,000 in FY19; changes to the County were budgeted to be about \$1.25 million, representing an increase of \$479,000 – principally for the new positions and the cost of the new transfer station.

226
227 Mr. Mawyer presented an organization chart showing that the new division director would be at
228 the top of the solid waste authority, reporting to him, and the scale clerk, equipment operator,
229 and attendant would be in that group for support in the Ivy facility.

230
231 Ms. Galvin asked what the plans were for marketing the Ivy MUC and what it was providing.

232
233 Mr. Mawyer responded that there would be a grand opening and Rivanna was talking with refuse
234 firms now, so it was on their radar that the facility would be open – and they are watching to see
235 what the rate would be and how it might work in their equation, factoring in the economics of
236 how far they must take trash to make it a benefit and the distance they had to travel.

237
238 Ms. Galvin commented that the changes with Van Der Linde have likely changed everyone's
239 thought processes.

240
241 Mr. Mawyer said that was Rivanna's understanding.

242
243 Dr. Palmer stated that it was important to reach out to small businesses and the Chamber of
244 Commerce, as many of the smaller businesses have forgotten that Ivy exists.

245
246 Mr. Gaffney asked if there was a consultant looking at the rates and other metrics such as
247 distance.

248
249 Mr. Mawyer responded that they had not engaged a consultant at this point.

250
251 Dr. Palmer mentioned that there were also factors such as wear and tear on trucks that needed to
252 be considered when driving out to Zions Crossroads.

253
254 Mr. Mawyer agreed, adding that Rivanna felt they would offer a very attractive product and
255 service, and they were eager to see where they needed to be with fees to maximize return and
256 encourage use.

257
258 Mr. Henry asked if the budget assumed a 12-month appointment for the new positions.

259
260 Mr. Mawyer responded that it was budgeted as 3/4 of a year for the equipment operator,
261 attendant, and scale clerk, but they would like to bring the division director in immediately. He
262 commented that solid waste was a dynamic authority currently, with many suggestions coming
263 from the public and a large project with Ivy.

264
265 **Dr. Palmer moved to adopt the following preliminary rate resolution, which would call for**
266 **a public hearing at the RSWA Board meeting on May 22, 2018, to approve the new rates.**
267 **Ms. Galvin seconded the motion, which passed unanimously (6-0). Mr. Jones was absent**
268 **from the meeting and the vote.**

272 **RESOLUTION**

273
274 **ADOPTION OF THE RIVANNA SOLID WASTE AUTHORITY**
275 **PRELIMINARY RATE SCHEDULE**
276 **FOR FISCAL YEAR 2019**
277

278
279 **WHEREAS**, Rivanna Solid Waste Authority (the “Authority”) Board of Directors has reviewed
280 the proposed budget and associated rates for Fiscal Year 2019; and
281

282 **WHEREAS**, Section 15.2-5136(G) of the Code of Virginia, requires the adoption of the
283 preliminary rate schedule for notification of a public hearing prior to any rate change; of which
284 there is a 14-day requirement between the date of the last of two public notices and the actual date
285 fixed for the public hearing; and
286

287 **NOW, THEREFORE, BE IT RESOLVED** that the Rivanna Solid Waste Authority Board of
288 Directors hereby approves the accompanying Ivy Material Utilization Center preliminary rate
289 schedule for the purpose of notification of a public hearing to be held on May 22, 2018 at 2:00
290 p.m. during the regularly scheduled Board of Directors meeting.
291
292

<u>TIPPING FEES PER TON:</u>		<u>TIPPING FEES PER ITEM:</u>	
Clean Fill Material	\$ 10.00	Freon Appliances	\$ 17.00
Pallets	\$ 48.00	Non-Freon Appliances	\$ 9.00
Vegetation/ Yard Waste	\$ 48.00	Passenger Veh. Tire Off Rim	\$ 6.00
Non-Freon Appliances	\$105.00	Passenger Veh. Tire With Rim	\$ 13.00
Domestic Waste (MSW)	\$ 66.00	Large Truck Tire Off Rim	\$ 17.00
Construction Debris (CDD)	\$ 66.00	Large Truck Tire With Rim	\$ 33.00
Compostable Waste	\$178.00		
(Businesses Only)			
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
Trash Stickers (for set of 12)	\$ 24.00	Other customers	\$ 10.00
Ticket Request (per copy)	\$ 1.00	Hauling Fee Per Load Based on Location:	
Credit Application Fee (each)	\$ 35.00	Minimum	\$100.00
		Maximum	\$142.00
* - This fee applies to businesses and institutions only.			

297 **Recess/Reconvene**

298 **At 2:26 p.m., Ms. Galvin moved to recess the RSWA Board meeting. Mr. Henry seconded**
299 **the motion, which passed unanimously (6-0). Mr. Jones was absent from the meeting and**
300 **the vote.**

301
302 **At 3:02 p.m., Ms. Galvin moved to reconvene the RSWA Board meeting to meet jointly**
303 **with the Rivanna Water and Sewer Authority Board. Dr. Palmer seconded the motion,**
304 **which passed unanimously (6-0). Mr. Jones was absent from the meeting and the vote.**

305 *b. Strategic Plan Implementation – Katie McIlwee, Communication Manager, Executive*
306 *Coordinator, and Goal Team Leader*
307

308 Ms. McIlwee reported that in January, Raftelis Consultants brought the goal teams together for
309 implementation workshops, and she provided the Board with a reminder of the goal teams and
310 their leaders. She explained that at the workshops, each goal team reviewed the strategies and
311 identified the two highest priorities, then developed tactics on how to implement those strategies.
312 Ms. McIlwee noted that considerations were the impact of the strategy, the timing, the
313 sequencing, the ease of implementation, and realization that this was just the first year in a five-
314 year strategic plan.

315
316 Ms. McIlwee reported that from six goals and 21 total strategies, they developed 78 tactics. She
317 explained that to achieve success, they needed to prioritize doable, short-term tactics that could
318 be built upon and celebrated in the first year as successful. She stated that they also needed to
319 develop structured reporting and accountability for the tactics, foster organizational involvement,
320 and sustain organizational commitment in order to succeed with the goals. Ms. McIlwee
321 referenced the top 12 strategies developed by the goal teams, realizing that there were 21 total,
322 with the focus on those with the highest priorities throughout the first year.

323
324 Ms. McIlwee stated that the workforce development team established a strategy to “develop a
325 comprehensive staffing, classification, and compensation plan,” and “conduct a training needs
326 assessment and enhance the training program.” She explained that some of their tactics were to
327 implement approved pay-grade schedules, develop a master staffing plan, complete a
328 compensation study (which has been completed), and continue an annual review of staffing
329 needs. Ms. McIlwee stated that the group wants to develop a 12-month training calendar, partner
330 with PVCC to develop a leadership training program, and enhance employee development plans.
331 She noted that for all of these tactics, the group has tactic leaders to track the process.

332
333 Ms. McIlwee reported that as an example of operational optimization, the group established a
334 strategy to “continually evaluate, prioritize, and improve key businesses and operational
335 processes” and “protect our workforce and the public through continually growing a culture of
336 safety.” She mentioned that they had developed tactics to achieve those strategies. Ms. McIlwee
337 stated that communications and collaboration established a strategy to “create and maintain
338 internal communication platforms” and “create and implement a comprehensive public outreach
339 plan.”

340
341 Ms. McIlwee reported that the next steps were to begin active implementation and most goal
342 teams had already gotten underway, with a more formalized process now being used. She stated

343 that with Raftelis' help, they would establish a digital strategy model that would help track
344 numbers and progress percentages, with a quarterly progress update to be provided to the Board
345 on each tactic.

346
347 Dr. Palmer asked what "increase internal environmental engagement" meant.

348
349 Ms. Terry explained that they felt because they had so many departments and so many different
350 pieces of environmental stewardship underway, they needed to start internally and ensure that
351 every employee knew what other employees did – and how each department impacted the
352 environment. She stated that in their goal group meeting, they determined that not everyone
353 knew what was happening in other departments, so they felt they needed to educate staff
354 internally.

355
356 Dr. Palmer asked if anyone at Rivanna was already coordinating with staff at the County level on
357 the local climate action program that was being expanded.

358
359 Ms. Terry asked what staff of the County in particular was working on that.

360
361 Mr. Henry stated that it was him and Andy Lowe.

362
363 Ms. Terry stated that she coordinated with David Hannah and John Murphy frequently but would
364 be glad to participate in that as well.

365
366 Ms. Galvin asked if that was in partnership with the City.

367
368 Dr. Palmer stated that it was.

369
370 Mr. Henry asked if the goal was to achieve most of these tactics over the next 12 months.

371
372 Ms. Terry responded that the tactics initially developed were 12 to 18-month tactics.

373
374 Mr. Henry asked if the consultant would help provide a tracking system for how that was
375 measured.

376
377 Ms. McIlwee confirmed that they would, stating that they had a program that allowed them to
378 measure how far a tactic was completed, then calculating it into the overall strategy.

379
380 Mr. Henry commented that he would be interested in seeing the tracking system. He stated that
381 the Board of Supervisors had many strategic initiatives that were being tracked and he was
382 interested in seeing how the Raftelis consultant was doing this.

383
384 Ms. Galvin noted that she was not certain when the City would receive its next strategic plan
385 update, but she would be interested in this information as well.

386
387 Mr. Mawyer mentioned that Rivanna would be providing a quarterly updates to the Board of
388 Supervisors and City Council.

Mr. Henry asked if staff could provide the tactics for all strategy areas, particularly the main categories.

Ms. McIlwee stated that she would send them out.

Mr. O'Connell asked if the plan was to revisit the tactics after 12 to 18 months and reset some of them.

Mr. Maywer clarified that this was the first year of a five-year plan, and they would revisit and possibly change items accordingly.

Mr. O'Connell asked if they envisioned any of these as being over the five-year period.

Ms. McIlwee responded that because all the teams were just starting, she wasn't sure if that had been realized – but the teams would continue to meet throughout the five years and may get into one of the tactics and realize it was much more far reaching than originally planned. She stated that this was a continuing, evolving process, so some of the tactics may drop off and others may be added. Ms. McIlwee noted that there was more work to do with the strategies, and there was a lot of crossover among goal teams.

Mr. Gaffney asked when the RWSA and RSWA boards would receive their next updates.

Mr. Mawyer replied that the updates would be given quarterly, with the next update to the Board being in August, and he anticipated written reports in addition to staff's presentations.

9. OTHER ITEMS FROM BOARD/STAFF NOT ON AGENDA

There were none presented.

10. CLOSED MEETING

There was no closed meeting.

11. ADJOURNMENT

At 3:18 p.m., Dr. Palmer moved to adjourn the RSWA Board meeting. Ms. Galvin seconded the motion, which passed unanimously (6-0). Mr. Jones was absent from the meeting and the vote.



MEMORANDUM

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

FROM: BILL MAWYER, EXECUTIVE DIRECTOR

SUBJECT: EXECUTIVE DIRECTOR'S REPORT

DATE: MAY 22, 2018

New Ivy Refuse Transfer and Recycling Station

Construction is progressing. A minor redesign of the exit road has been completed and approved by the County. Grand Opening of the facility is anticipated in August 2018.

Spring Household Hazardous Waste and Bulky Waste Amnesty Days

SP GOALS: Environmental Stewardship; Solid Waste Services

The spring event was well attended, as follows:

- Special commercial hazardous waste collection: 9 local businesses preregistered and delivered products
 - Household Hazardous Waste Days: 151 City and 529 County residents participated
 - Furniture / Mattresses: 41 City and 152 County residents participated.
 - 6,140 lbs. were collected from the City.
 - 24,680 lbs. were collected from the County
 - Appliances: 30 City and 142 County residents participated.
 - 27 Freon units and 2180 lbs. of white goods and were collected from the City.
 - 95 Freon units and 10,600 lbs. of white goods and were collected from the County.
- The first Electronic Waste (eWaste) Amnesty Day will be held on Saturday, July 21, 2018.



RIVANNA SOLID WASTE AUTHORITY
695 Moores Creek Lane • Charlottesville, Virginia 22902 • (434) 977-2970

MEMORANDUM

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

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

SUBJECT: APRIL 2018 FINANCIAL SUMMARY

DATE: MAY 22, 2018

The results of operations and remediation activities for the first ten months of this fiscal year are summarized below:

	<u>Operating Results</u>	<u>Remediation Results</u>	<u>Total</u>
Total Revenues	\$ 1,149,390	\$ -	\$ 1,149,390
Total Expenses	<u>(1,671,476)</u>	<u>(479,373)</u>	<u>(2,150,849)</u>
Net operating results	(522,086)	(479,373)	(1,001,459)
Support - MOU & Local	<u>640,098</u>	<u>396,787</u>	<u>1,036,885</u>
Surplus/(Deficit)*	<u>\$ 118,012</u>	<u>\$ (82,586)</u>	<u>\$ 35,426</u>

* Cash reserves are used when deficits occur. (Use of up to \$278,000 in reserves for an expected shortfall for remediation was included in FY 2018 budget.)

Total operating revenues through April were 6% over budget and total operating expenses were 3% over budget. The Authority has processed 13,972 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	6,699	5,701	1,572	13,972
Net operating costs	\$ (216,498)	\$ (65,644)	\$ (239,944)	\$ (522,086)
Net revenue (cost) per ton	\$ (32.32)	\$ (11.51)	\$ (152.64)	\$ (37.37)

Attachments

Target Rate: 83.33%

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
REVENUES										
Ivy Operations Tipping Fees	\$ 189,860	140,861	\$ 189,860	140,861						
Ivy MSW Transfer Tipping Fees	660,315	562,576			660,315	562,576				
Material & Other Sales-Ivy	112,500	112,388	112,500	112,388						
Recycling Revenues	222,400	210,625					222,400	210,625		
Other Revenues	78,000	80,916			78,000	80,916				
Interest & Fees	27,200	42,023							27,200	42,023
Total Revenues <i>Budget vs. Actual*</i>	\$ 1,290,275	\$ 1,149,390 89.08%	\$ 302,360	\$ 253,249 83.76%	\$ 738,315	\$ 643,492 87.16%	\$ 222,400	\$ 210,625 94.71%	\$ 27,200	\$ 42,023 154.50%
EXPENSES										
Ivy Operations	297,616	223,722	297,616	223,722						
Ivy MSW Transfer	930,685	764,820			930,685	764,820				
Recycling Operations	351,106	374,433					351,106	374,433		
Administration	489,723	422,705							489,723	422,705
Total Expenses <i>Budget vs. Actual*</i>	2,069,130	1,785,681 86.30%	297,616	223,722 75.17%	930,685	764,820 82.18%	351,106	374,433 106.64%	489,723	422,705 86.32%
Net Results Before Administrative Allocation	\$ (778,855)	\$ (636,291)	\$ 4,744	\$ 29,527	\$ (192,370)	\$ (121,328)	\$ (128,706)	\$ (163,807)	\$ (462,523)	\$ (380,682)
Administrative allocations: Administrative costs to Envir. MOU (below) Administrative costs to Operations	138,757 -	114,205 -	(115,631)	(95,171)	(115,631)	(95,171)	(92,505)	(76,136)	138,757 323,766	114,205 266,478
Net Operating Income (Loss)	\$ (640,098)	\$ (522,086)	\$ (110,887)	\$ (65,644)	\$ (308,001)	\$ (216,498)	\$ (221,211)	\$ (239,944)	\$ -	\$ -
Other Funding Sources										
Local Government Contributions	640,098	640,098								
County Contribution - Capital Grant	2,087,000	898,388								
Transfer to Capital Fund - Transfer Station	(2,087,000)	(898,388)								
Surplus (Deficit) - Operations	\$ -	\$ 118,012								

Environmental Programs	
REVENUES	
Remediation Support	396,786 396,787
Total Revenues <i>Budget vs. Actual*</i>	396,786 396,787 100.00%
EXPENSES	
Ivy Environmental	536,029 365,169
Administrative Allocation	138,757 114,205
<i>Budget vs. Actual*</i>	674,786 479,373 71.04%
Cash Reserves Used	278,000 82,586
Surplus (Deficit) - Environmental	\$ - \$ -
Total Surplus (Deficit)	\$ - \$ 118,012

**Rivanna Solid Waste Authority
Monthly Financial Status Report
FY 2018**

	July	August	September	October	November	December	January	February	March	April	Year-to-Date
<u>Revenues</u>											
Ivy Operations Tipping Fees	\$ 10,083	\$ 16,063	\$ 10,150	\$ 14,870	\$ 21,314	\$ 9,182	\$ 5,781	\$ 11,229	\$ 25,963	\$ 16,226	\$ 140,861
Ivy MSW Transfer Tipping Fees	68,560	71,892	58,055	56,147	52,912	52,294	47,808	47,376	57,743	49,789	562,576
Ivy Material Sales	14,991	10,795	9,812	8,787	9,164	7,846	8,885	12,250	14,964	14,896	112,388
Recycling	19,277	19,328	18,362	24,542	50,802	16,788	23,280	10,326	16,090	11,829	210,625
Other Revenues	8,603	8,941	7,801	11,887	7,030	5,499	9,372	5,673	8,513	7,597	80,916
Remediation Support	108,099	51,085	-	28,117	-	51,085	28,117	51,085	-	79,201	396,787
Interest & Late Fees	4,870	3,567	3,668	4,365	3,328	3,567	5,440	3,403	3,834	5,981	42,023
Total Revenues	\$ 234,483	\$ 181,671	\$ 107,848	\$ 148,714	\$ 144,550	\$ 146,261	\$ 128,682	\$ 141,342	\$ 127,107	\$ 185,519	\$ 1,546,177
<u>Expenses</u>											
Ivy Operations	\$ 22,573	\$ 15,021	\$ 19,122	\$ 19,378	\$ 26,187	\$ 20,863	\$ 44,737	\$ 13,689	\$ 18,500	\$ 23,652	\$ 223,722
Ivy Environmental	28,859	20,351	20,774	62,631	32,491	51,199	44,913	38,828	39,125	25,997	365,169
Ivy MSW Transfer	82,146	78,013	106,013	62,005	90,246	64,928	76,272	35,057	86,359	83,781	764,820
Recycling Operation	31,760	43,092	34,997	40,913	28,910	38,017	41,353	25,447	37,473	52,471	374,433
Administration	44,005	37,038	49,837	38,052	38,677	39,060	62,283	38,256	38,057	37,440	422,705
Total Expenses	\$ 209,343	\$ 193,515	\$ 230,743	\$ 222,979	\$ 216,511	\$ 214,067	\$ 269,558	\$ 151,277	\$ 219,515	\$ 223,342	\$ 2,150,849
Net Operating Income (Loss)	\$ 25,140	\$ (11,844)	\$ (122,894)	\$ (74,265)	\$ (71,961)	\$ (67,806)	\$ (140,876)	\$ (9,934)	\$ (92,408)	\$ (37,823)	\$ (604,672)
<u>Other Funding Sources</u>											
Local Government Contributions	16,591	143,434	-	16,591	-	143,434	16,591	143,434	-	160,025	640,098
County Contribution - Capital Grant	-	-	60,495	-	-	41,773	218,900	343,081	-	234,138	898,388
Transfer to Capital Fund - Transfer Station	-	-	(60,495)	-	-	(41,773)	(218,900)	(343,081)	-	(234,138)	(898,388)
<u>Use of Cash Reserves</u>	-	-	-	-	34,150	10,762	33,850	(1,801)	49,392	-	126,353
Surplus (Deficit)	\$ 41,730	\$ 131,590	\$ (122,894)	\$ (57,675)	\$ (37,811)	\$ 86,389	\$ (90,435)	\$ 131,698	\$ (43,016)	\$ 122,202	\$ 161,779

Rivanna Solid Waste Authority
Monthly Cash Flow Report
FY 2018

	July	August	September	October	November	December	January	February	March	April
Net Operating Income	\$ 25,140	\$ (11,844)	\$ (122,894)	\$ (74,265)	\$ (71,961)	\$ (67,806)	\$ (140,876)	\$ (9,934)	\$ (92,408)	\$ (37,823)
Adjustments for cash flow purposes to show funds available for operations:										
Local Government Contributions	16,591	143,434	-	16,591	-	143,434	16,591	143,434	-	160,025
(Increase) decrease in accounts receivable	(55,323)	95,520	4,159	12,200	(27,175)	21,038	(3,604)	(392)	(18,118)	21,679
Increase (decrease) in accounts payable	50,753	(71,523)	41,132	(293,916)	(557)	(10,856)	45,875	(54,159)	201	39,012
Capital reserve fund interest not available in operating cash	(2,030)	(928)	(883)	(2,057)	(906)	(987)	(2,376)	(1,084)	(1,283)	(2,810)
Trust fund interest not available in operating cash	(150)	(170)	(175)	(173)	(181)	(177)	(199)	(218)	(204)	(248)
Trust fund deposit for Transfer Station permit								(1,572)		
Increase (Decrease) in Operating Cash	\$ 34,981	\$ 154,489	\$ (78,661)	\$ (341,620)	\$ (100,779)	\$ 84,647	\$ (84,588)	\$ 76,075	\$ (111,812)	\$ 179,835
Operating Cash Balance - Beginning	2,896,807	2,931,789	3,086,278	3,007,617	2,665,997	2,565,218	2,649,864	2,565,276	2,641,351	2,529,539
Operating Cash Balance - Ending	\$ 2,931,789	\$ 3,086,278	\$ 3,007,617	\$ 2,665,997	\$ 2,565,218	\$ 2,649,864	\$ 2,565,276	\$ 2,641,351	\$ 2,529,539	\$ 2,709,374

Rivanna Solid Waste Authority
Fiscal Year 2018
April 2018
Revenue Detail Report

Revenue Detail Report	Tonnage	
Revenue Line Item	Budget FY 2018	Actual YTD
IVY TIPPING FEES		
Clean Fill Material	5,500	3,918
Grindable Vegetative Material	2,000	1,537
Pallets	70	59
Tires, Whole	100	56
Tires/White Good (per item)		
<i>Subtotal</i>	7,670	5,570

IVY TRANSFER STATION		
Compost Services		-
MSW Transfer Station	7,900	6,699
<i>Subtotal</i>	7,900	6,699

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	

REMEDIATION 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	15,570	12,269
--------------	---------------	---------------

Revenue						
Budget FY 2018		Budget YTD		Actual YTD	Budget vs. Actual	Variance %
\$	55,000	\$	45,833	\$	39,130	\$ (6,703) -14.63%
	96,000		80,000		75,253	(4,747) -5.93%
	3,360		2,800		2,799	(1) -0.04%
	19,000		15,833		10,713	(5,120) -32.34%
	16,500		13,750		12,966	(784) -5.70%
\$	189,860	\$	158,217	\$	140,861	\$ (17,356) -10.97%

\$ 138,915	\$ 115,763	\$ 100,469	\$ (15,293)	68.64%	
521,400	434,500	462,107	27,607	6.35%	
\$ 660,315	\$ 550,263	\$ 562,576	\$ 12,314	2.24%	

\$	15,000	\$	12,500	\$	15,809	\$	3,309	26.47%
	27,000		22,500		24,337		1,837	8.17%
	25,000		20,833		28,960		8,127	39.01%
	45,000		37,500		42,943		5,443	14.51%
	500		417		339		(78)	-18.64%
\$	112,500	\$	93,750	\$	112,388	\$	18,638	19.88%

\$	185,000	\$	154,167	\$	176,011	\$	21,845	14.17%
	7,000		5,833		4,414		(1,419)	-24.33%
	27,500		22,917		27,118		4,201	18.33%
	2,900		2,417		3,082		665	27.52%
\$	222,400	\$	185,333	\$	210,625	\$	25,292	13.65%

\$	75,000	\$	62,500	\$	62,895
	3,000		2,500		18,021
				\$	395
					15,521
					0.63%
\$	78,000	\$	65,000	\$	80,916
				\$	15,916
					24.49%

\$	79,982	\$	66,652	\$	79,982	\$	13,330	20.00%
	204,339		170,283		204,339		34,057	20.00%
	112,466		93,722		112,466		18,744	20.00%
\$	396,787	\$	330,656	\$	396,787	\$	66,131	20.00%

\$	1,000	\$	833	\$	1,892
	1,200		1,000		489
	10,000		8,333		15,342
	15,000		12,500		24,299
					11,799
\$	27,200	\$	22,667	\$	42,023
				\$	19,356
					85.39%

\$ 1,687,062	\$ 1,405,885	\$ 1,546,177	\$ 140,292	9.98%
--------------	--------------	--------------	------------	-------

Rivanna Solid Waste Authority
Historical Material Tonnage Report - Recycling
Fiscal Years 2014-2018

Fiscal Year 2014	Fiscal Year 2015	Fiscal Year 2016	Fiscal Year 2017	Fiscal Year 2018
------------------------	------------------------	------------------------	------------------------	------------------------

In U.S. Tons

Fiber Products

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

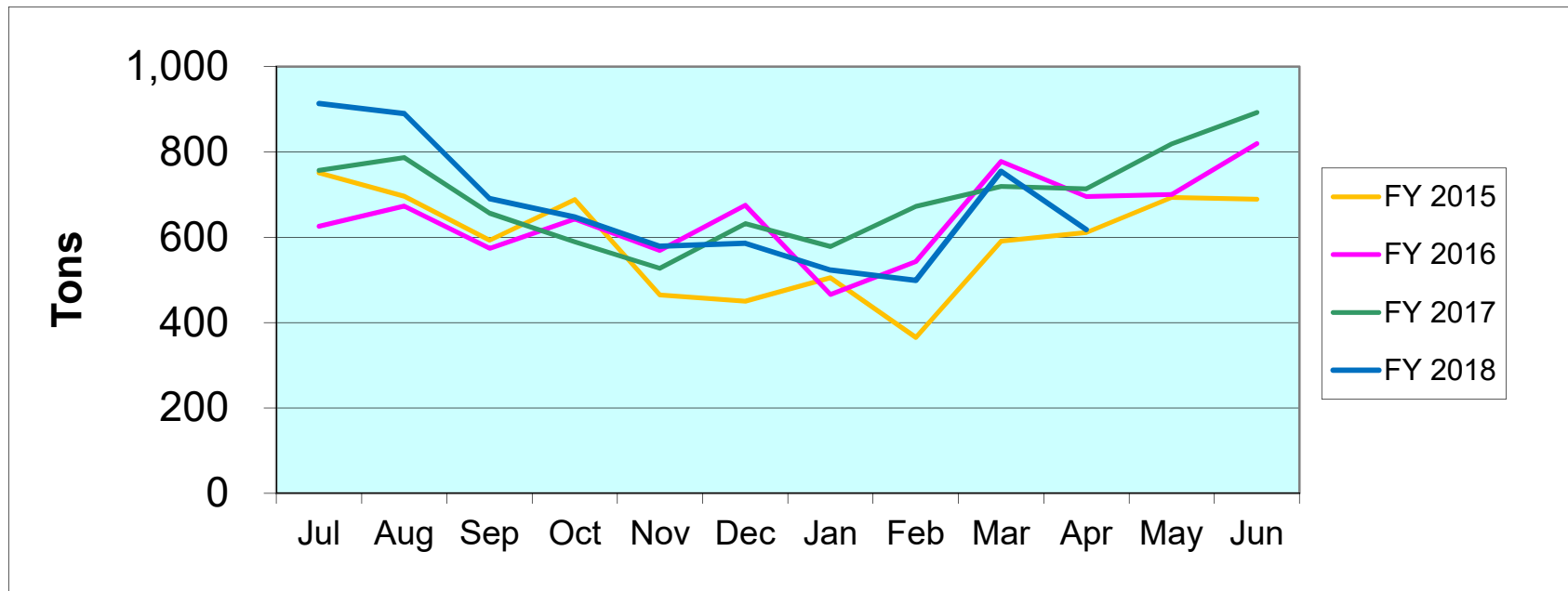
640	524	512	419	364
279	278	459	812	634
265	212	214	156	135
164	125	125	122	97
Total Fiber Products	1,348	1,139	1,310	1,509

Other Products

Glass
Metal Cans
Plastic

249	219	191	252	222
34	30	32	31	34
98	95	82	86	87
Total Other Products	381	344	305	369
Total	1,729	1,483	1,615	1,878

**Rivanna Solid Waste Authority
Ivy MSW Transfer Tonnages
FY 2015 - 2018**





RIVANNA SOLID WASTE AUTHORITY
695 Moores Creek Lane • Charlottesville, Virginia 22902 • (434) 977-2970

MEMORANDUM

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

**FROM: DAVID RHOADES, ASSISTANT SOLID WASTE MANAGER;
MARK BROWNLEE, SOLID WASTE MANAGER
PHIL MCKALIPS, ENVIRONMENT AND SAFETY MANAGER**

REVIEWED BY: BILL MAWYER, EXECUTIVE DIRECTOR

**SUBJECT: IVY MATERIAL UTILIZATION CENTER REPORT/
RECYCLING OPERATIONS UPDATE**

DATE: May 22, 2018

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

April 2018

- The IMUC transfer station operated 20 days and received a total of 618.10 tons of municipal solid waste (MSW), an average of 30.91 tons per day of operation. The monthly transfer station tonnage figures are attached to this report.
- 645.87 tons of non-MSW materials were received
- 1,263.97 tons were received as a combined total tonnage (MSW + non-MSW)
- 3,423 vehicles crossed the scales
- All loads of material from the Paper Sort Facility were accepted by the receiving mills

Paint Collection:

This program continues to operate smoothly and provide a significant benefit to the community. By offering daily collection, traffic congestion on Household Hazardous Waste days has been substantially reduced.

History:

On August 3rd, 2016, RSWA started collecting latex and oil-based paint daily. The goal of this program was to make paint disposal more convenient for residents and to alleviate some of the congestion during our fall and spring Household Hazardous Waste Days. RSWA has shipped twelve 30-yard containers to date. On April 27, 2018, the Ivy MUC shipped out the twelfth full 30-yard container of paint. RSWA has loaded 15 cubic yards of paint for future disposal. Each 30-yard container holds about 4,200 one-gallon paint cans.

Compostable Food Waste Collection:

This program continues to operate smoothly at the IMUC. Staff continues to coordinate with UVA, City, and County representatives to invite broader participation within the community. In March 2018, collection points for residential and commercial compostable food wastes were established at the IMUC. A wheeled, lined bin has been placed at the convenience area for residents to deposit compostable food wastes. 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.

History:

On January 17th, 2017, RSWA started a 90-day pilot program receiving compostable food waste from UVA transported by Black Bear Composting at Ivy MUC. As of April 2017, a total of 150 tons of compostable food waste has been received and handled at the Ivy transfer station before being transported to McGill in Waverly for composting. DEQ granted the RSWA permission to receive and handle the compostable waste on a three-month trial basis. During the trial period, the transfer station staff ensured that no vector, odor, leachate, nuisance or other environmental issue occurred. None of the compostable waste was stored at the transfer station for more than 7 days. The RSWA has provided DEQ with a brief assessment of how successful we were at preventing environmental, vector, odor and nuisance issues, and that the RSWA plans to continue receiving and handling the compostable waste. At the end of the program a total of 519.57 tons of compostable food waste has been received and handled at the Ivy transfer station before being transported to McGill in Waverly for composting.

On January 26, 2018, the RSWA began to operate the Compostable Food Waste Collection Program (Composting Program) under a new contract. This effectively ends the pilot program under which it had been operated under during the past year. In November of 2017, the RSWA solicited bids for the transportation and disposal of compostable wastes. Two bids were received with the lowest qualified bidder being Black Bear Composting. Under this contract, Black Bear Composting will transport compostable materials from the IMUC to its composting facility in Crimora, Virginia. Compost generated at the Black Bear Composting facility is sold to private, public, and non-profit organizations within the Shenandoah Valley region. The term of this contract is for one year, with four optional one-year extensions. Through this competitive solicitation, RSWA has been able to reduce the transportation and disposal cost from the range of \$225-\$260 per ton, down to \$178 per ton.

Compostable Food Waste Collection at McIntire Recycling Center

The McIntire Recycle Center received 3.11 tons of compostable materials in April.

Alpha Phi Omega Service Volunteers:

UVA's Theta chapter of the Alpha Phi Omega service group volunteered on Saturday, April 14th, 2018 at The McIntire Road Recycle Center. Projects included cleaning and organizing of the book bin and the cleaning of the Schenk's Greenway creek bank behind the facility.

Spring HHW and Bulky Waste Totals:

Thursday, April 26, Friday, April 27, and Saturday, April 28, 2018: *Special Collections*

The Conditionally Exempt Small Quantity Generator (CESQG) Special Collection for business hazardous waste was held on Thursday, April 26, 2018. Nine local businesses took advantage of this event. CESQG collection program is a pre-registration, fee-based program with sign-up information and instructions on the Rivanna.org website.

Household Hazardous Waste Day was a two-day event this spring. Hours were from 9am-2pm on both Friday, April 27 and Saturday, April 28, 2018. Wait times on both days this spring was less than 10 minutes. The total customer count for the two-day event was 680 City/County residents. Friday: the split was 230 County, and 71 City. Saturday: the split was 299 County and 80 City.

Saturday, May 5, 2018: *Furniture / Mattresses*

A total of 193 vehicles participated, including 152 from the County and 41 from the City. 24,680 lbs. of furniture and mattresses was collected from the county. 6,140 lbs. of furniture and mattresses was collected from the City.

Saturday, May 12, 2018: *Appliances*

A total of 172 vehicles participated, including 142 from the County and 30 from the City. 95 Freon units and 10,600 lbs. of white goods and were collected from the County. 27 Freon units and 2180 lbs. of white goods and were collected from the City.

Electronic Waste (eWaste) Recycling:

As approved at the February Board meeting, a pilot eWaste amnesty day has been scheduled for Saturday, July 21 at the Ivy MUC. Following discussions with the eWaste contractor (Care Environmental), their experience is that the eWaste of 300 to 350 residents can be received and processed during a one-day event. To assess and manage potentially large public interest in this event, staff intends to establish an online pre-registration for the public. This on-line pre-registration will open when this event is broadly advertised to the public, June 15, 2018.

Ivy Material Utilization Center
Daily Scale Crossing Data



April 1-30, 2018

Days of

Operation: **20**

Operation: 20		MSW collected at Transfer Station (tons)						Non-MSW
		Vehicles	Count	Citizen-Can	Construction	Domestic	MSW Total	Total Tons
04/01/18	Sunday	-	-	-	-	-	-	-
04/02/18	Monday	-	-	-	-	-	-	-
04/03/18	Tuesday	175	170	0.67	18.56	14.02	33.25	80.38
04/04/18	Wednesday	166	262	0.59	14.73	14.10	29.42	28.88
04/05/18	Thursday	154	144	0.43	23.34	12.41	36.18	34.04
04/06/18	Friday	181	172	0.48	17.50	13.00	30.98	27.08
04/07/18	Saturday	192	293	0.96	13.01	18.03	32.00	6.05
04/08/18	Sunday	-	-	-	-	-	-	-
04/09/18	Monday	-	-	-	-	-	-	-
04/10/18	Tuesday	156	181	0.67	23.55	11.19	35.41	47.17
04/11/18	Wednesday	146	160	0.55	20.38	10.96	31.89	87.08
04/12/18	Thursday	141	189	0.61	12.02	12.00	24.63	55.02
04/13/18	Friday	-	-	-	-	-	-	-
04/14/18	Saturday	333	375	1.11	18.11	25.28	44.50	23.69
04/15/18	Sunday	-	-	-	-	-	-	-
04/16/18	Monday	-	-	-	-	-	-	-
04/17/18	Tuesday	166	172	0.54	18.07	16.10	34.71	19.01
04/18/18	Wednesday	137	159	0.56	17.22	12.81	30.59	17.09
04/19/18	Thursday	153	167	0.61	13.98	13.43	28.02	50.25
04/20/18	Friday	176	182	0.58	11.51	15.38	27.47	22.03
04/21/18	Saturday	302	319	0.75	16.09	25.35	42.19	12.83
04/22/18	Sunday	-	-	-	-	-	-	-
04/23/18	Monday	-	-	-	-	-	-	-
04/24/18	Tuesday	114	126	0.66	13.61	15.97	30.24	11.16
04/25/18	Wednesday	131	109	0.49	16.39	14.62	31.50	32.59
04/26/18	Thursday	135	179	0.76	9.19	15.68	25.63	37.57
04/27/18	Friday	173	192	0.50	17.29	17.10	34.89	36.03
04/28/18	Saturday	292	335	1.19	9.62	23.79	34.60	17.92
04/29/18	Sunday	-	-	-	-	-	-	-
04/30/18	Monday	-	-	-	-	-	-	-
Total		3,423	3,886	12.71	304.17	301.22	618.10	645.87
Average		171	194	0.64	15.21	15.06	30.91	32.29
Median		166	179	0.61	16.39	14.62	31.89	28.88
Maximum		333	375	1.19	23.55	25.35	44.50	87.08
Minimum		114	109	0.43	9.19	10.96	24.63	6.05

Material Type & Description

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

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

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

Domestic: Business/residential general or household waste

MSW: Materials processed/handled at the Transfer Station

Non-MSW: Materials processed/handled on-site

Vehicle: Transactions or vehicles processed in a day



MEMORANDUM

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

FROM: PHIL MCKALIPS, ENVIRONMENT & SAFETY MANAGER

REVIEWED BY: BILL MAWYER, EXECUTIVE DIRECTOR

SUBJECT: IVY LANDFILL ENVIRONMENTAL STATUS UPDATE

DATE: MAY 22, 2018

Corrective Action Plan (CAP)

On March 14, 2017, VA DEQ provided their Second Technical Review of the revised Corrective Action Plan. In summary, the Department's comments were generally minor administrative corrections or requests for further detail on specific portions of the Corrective Action Plan. Our response to these comments was provided to the Department by the June 12, 2017 deadline. VA DEQ has not provided further comments on the revised Corrective Action Plan or a schedule as to when further comments or an approved Corrective Action Plan may be expected.

History:

The Virginia Department of Environmental Quality (VA DEQ) approved the amendment to Permit 125 incorporating the CAP on October 29, 2004. The groundwater elements of the CAP started with a pilot study of engineered, enhanced bioremediation (EBR). Additionally, the CAP incorporated components to provide specific remedial efforts in the Paint Pit Area (Paint Pit Interim Measure), and to monitor surface water during CAP implementation.

The implementation of the full-scale EBR program with active substrate injections was active from October 2007 through June 2013, and groundwater samples to evaluate the performance of the injection program were collected on a monthly basis. Periodic groundwater monitoring has remained active from 2007 to date, and has shown areas with positive results (reductions in constituent levels) and areas with less conclusive results. Because groundwater moves through rock fractures below the surface whose path is not fully known, variability of results is expected.

In July 2013, a revised CAP was submitted to VA DEQ for review. This amended CAP allows for the suspension of active EBR remediation so that the long-term effects of past efforts can be evaluated. During this period of suspended EBR, extensive groundwater monitoring is being maintained to evaluate the effects of past efforts as well as to maintain a high level of assurance that impacted groundwater continues to remain under control. Care will be taken to respond to increases in constituent levels that may adversely affect human health or the environment. If such increases are observed, a return to injections of substrate materials will be considered, where and

as needed. These modifications have been documented in a CAP revision which is currently under review by VA DEQ.

A summary of the activities from EBR, operation of the SVE system, Surface Water monitoring, and Cell 3 Drains monitoring were included into a combined Corrective Action Site Evaluation (CASE) Report. This report is submitted to VA DEQ annually (triennially starting in October 2016) by October 29, and replaces quarterly and annual reports that used to be submitted separately.

Paint Pit Interim Measure (Soil-Vapor Extraction System)

The Soil-Vapor Extraction (SVE) System has been having control panel electrical issues and is undergoing renovation and repairs. These are expected to be completed toward the end of this summer. The SVE System is 10 years old is located outside and exposed to relatively harsh environmental conditions. Electrical issues have begun to increase and in response, staff has determined that a major renovation of the control panel and electrical system is needed to return it to reliable duty.

The purpose of the SVE is to proactively extract volatile organic compounds (VOCs) from the soil in the Paint Pit area to prevent further contamination of groundwater. This is accomplished by pulling vapors from the soil and through a flare designed to destroy the VOCs. The SVE has been running since October 20, 2006 and is undergoing periodic maintenance and monitoring activities as required under the VA DEQ Operating Permit.

Surface Water

The Spring 2018 surface water survey and monitoring program has been completed. The survey did not identify any visible anomalies. The samples collected in the monitoring program are at the laboratory awaiting analysis. Once data from the visual survey and analysis of samples are completed, they will be included in a tri-annual Corrective Action Site Evaluation (CASE) report to be submitted to VA DEQ in the Fall of 2018.

The specific objectives of the Surface Water Monitoring Program proposed in the CAP are to evaluate and document the chemical, physical, and biological integrity of the surface water and define the overall ecological integrity of the Site's surface water system.

Non-CAP Groundwater Monitoring

The Spring 2018 sampling event has been completed. The results of the analysis of groundwater samples will be documented in a report to VA DEQ by August 2018.

These groundwater monitoring activities are being completed in accordance with the requirements of our DEQ Permit and the 2000 settlement agreement with the landfill neighbors.

Cell 3 and Leachate Collection and Treatment System

The horizontal drain system to the landfill gas collection system continues to be throttled to maintain proper balance of the system's pressures and flows. Documentation summarizing the activities related to Cell 3 will be submitted to VA DEQ in the 2018 tri-annual Site-wide CASE report.

As a result of higher than normal leachate levels discovered in Cell 3-Lined and Cell 3-Unlined, RSWA authorized the design of a new leachate collection system for these cells. The intent of this program was to further the aims of the site bioremediation program and odor abatement program by restoring normal leachate and gas management to these two waste cells. These proposed improvements required a Major Permit Amendment from VA DEQ. Notification of the Approval of the Major Permit Amendment was received from VA DEQ on March 18, 2008. The leachate removed is being transported to the Moores Creek Wastewater Treatment Plant for treatment.



MEMORANDUM

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

**FROM: MICHELLE SIMPSON, SENIOR CIVIL ENGINEER
PHIL McKALIPS, ENVIRONMENTAL AND SAFETY MANAGER**

REVIEWED BY: BILL MAWYER, EXECUTIVE DIRECTOR

SUBJECT: STATUS REPORT: ONGOING PROJECTS

DATE: MAY 22, 2018

This memorandum reports on the status of the following Capital Projects at the IMUC:

1. New Solid Waste Transfer Station

Design Engineer:	SCS Engineers
Construction Contractor:	Lantz Construction Company
Construction Start:	September 2017
Percent Complete:	65%
Base Construction Contract +	
Change Orders to Date = Current Value:	\$2,211,000+\$36,597.00=\$2,247,597
Expected Completion Date:	August 2018
Total Capital Project Budget:	\$3,061,367

Current Status:

The contractor has constructed the building walls and footers, columns, tipping floor, push walls and erected the metal building. Site grading, installation of storm sewer and utilities, and construction of sediment ponds is on-going. Retaining walls will be completed this month.

History:

Following a November 2015 Albemarle County Board of Supervisors' decision to replace the existing solid waste transfer station with a new facility, the Rivanna Solid Waste Authority Board of Directors authorized the design of the new transfer station by SCS Engineering. The new 11,600 square foot concrete and steel frame transfer station is designed to meet all current regulatory requirements for solid waste handling, maximize use of the existing infrastructure, improve traffic flow, and potentially expand recycling services while retaining existing waste disposal services. The new facility will be located on the western portion of the existing Ivy Material Utilization Center (Ivy MUC) site and will continue to use the existing entrance and scales. The existing transfer facility

and compactor system will remain in service until the new transfer station is placed into service, at which time the existing facility will be decommissioned and removed.

SCS Engineers completed the design of the New Ivy Solid Waste Transfer Station and the project was advertised for bids (RFB No. 335) on July 2, 2017. Construction bids for the project were opened on August 3, 2017, and eight competitive bids were received ranging from \$2,211,000 to \$3,151,400. After reviewing the bid documents, SCS Engineering recommended award of the contract to the apparent low bidder, Lantz Construction Company. Due to cost increases in the construction market and final design requirements, additional funding was requested from Albemarle County to fully support project costs, and to purchase additional operating equipment in FY 2019.

2. Enclosed Landfill Gas Flare

Design Engineer:	Resource International
Construction Contractor:	SCS Field Services
Construction Start:	March 2018
Percent Complete:	20%
Base Construction Contract + Change Orders to Date = Current Value:	\$369,911
Expected Completion Date:	October 2018
Total Capital Project Budget:	\$450,000

Current Status:

A pre-construction conference was held with the Contractor, Engineer, and RSWA on March 1, 2018, and the Notice to Proceed with the work was given to the Contractor. Shop drawings are currently being reviewed. There is a long lead time on the equipment for this project so construction is not anticipated to begin until June 2018.

History:

Installed in 1999, the existing landfill gas flare has operated almost continuously, destroying methane and odor-causing components of the landfill gas. The flare was designed to destroy landfill gases at a temperature of 1600 °F at a range in flow from 1500 cubic feet per minute (cfm) to approximately 200 to 300 cfm. Due to normal reductions in waste decomposition over time, landfill gas flows have fallen to the lower end of the existing flare's operating range.

With RSWA BOD approval in June 2016, RSWA executed a work authorization with Resource International, Ltd for the engineering services required to evaluate, design, and develop bid specifications for the replacement of the existing landfill gas flare with one that will be appropriately sized for the current and future methane flows. This item was included in the capital budget.

3. Ivy Master Plan

Consultant:	Arcadis U.S., Inc.
Project Start:	May 2018
Project Status:	5% Complete
Completion:	November 2018
Total Contract Cost:	\$42,560

Current Status:

A kick-off meeting was held in early May 2018 and Arcadis conducted a site visit of Ivy MUC, McIntire Recycling Center, and Paper Sort. They are in the early stages of data collection related to our current services, customers, traffic, and volumes of MSW and recyclables.

History:

Over the past few years, multiple changes have been considered and/or implemented at the Ivy Material Utilization Center (IMUC). The New Ivy Transfer Station is currently under construction and will be opened this fall. Food waste composting has been implemented and a major solar energy project was considered, although not moving forward at this time. The County has inquired about enhancing the recycling services at Ivy MUC to include a convenience center, similar to McIntire Recycling Center. With all of these various developments, the Board has decided it would be beneficial to embark on a master planning process.

This project will include development of a Master Plan for a recycling convenience center at the Ivy Material Utilization Center (IMUC). The project will begin with the collection of existing Authority data on current recycling activities and materials, and then compare our services to other similar size communities. The consultant will evaluate proposed services, and provide alternative site layouts and preliminary construction costs for improvements.



RIVANNA SOLID WASTE AUTHORITY
695 Moores Creek Lane • Charlottesville, Virginia 22902 • (434) 977-2970

MEMORANDUM

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

FROM: BILL MAWYER, EXECUTIVE DIRECTOR

**SUBJECT: PROPOSED AMENDMENT NO. 7 TO THE LOCAL GOVERNMENT
SUPPORT AGREEMENT FOR RECYCLING PROGRAMS**

DATE: MAY 22, 2018

This recommendation is to extend the Local Government Support Agreement for Recycling Programs (LGSARP) an additional year through June 30, 2019.

The LGSARP originated in August 2011 as an agreement between the City, County, and RSWA to provide the terms of the City's (30 %) and County's (70 %) shared financial support for the recycling services located at the McIntire Recycling Center and the Paper Sort Facility, and RSWA's operation of those facilities. A one-year extension of the LGSARP has been executed by all parties annually since 2011.

Based on the continued successful operation of our recycling facilities, and our understanding that the City and the County wish to continue these services, we recommend authorization of the attached amendment.

Board Action Requested

Staff respectfully requests the Board authorize the Executive Director to execute the amendment after execution by the County Executive and the City Manager including any minor and non-substantive revisions requested.

**AMENDMENT NO. 7 TO
LOCAL GOVERNMENT SUPPORT AGREEMENT FOR RECYCLING PROGRAMS
AMONG
THE CITY OF CHARLOTTESVILLE
THE COUNTY OF ALBEMARLE
AND
THE RIVANNA SOLID WASTE AUTHORITY**

This **Amendment No. 7** to the **Local Government Support Agreement for Recycling Programs** (this “Amendment”) is made this ____ day of June, 2018 by and among the **City of Charlottesville, Virginia** (the “City”), the **County of Albemarle, Virginia** (the “County”) and the **Rivanna Solid Waste Authority** (the “Authority”, individually a “Party”, and together referred to as the “Parties”).

WHEREAS, the City, the County and the Authority entered into a certain Local Government Support Agreement for Recycling Programs dated August 23, 2011 (the “Original Agreement”) providing the terms of the City’s and County’s shared financial support and Authority’s operation of the Recycling Services; and

WHEREAS, the Original Agreement provided that such financial support and operations continue through the Authority’s fiscal year ending June 30, 2012, with the City and County retaining an exclusive option to extend the Original Agreement for two successive one-year periods by giving prior written notice to the Authority; and

WHEREAS, the City and County exercised their first option to extend the term of the Original Agreement through June 30, 2013, but the County elected not to exercise its second option to extend the term through June 30, 2014 and instead requested, with the concurrence of the City, an extension of the Original Agreement through December 31, 2013; and

WHEREAS, the City, the County and the Authority entered into Amendment No. 1 to the Original Agreement dated June 5, 2013 extending the term of the Original Agreement through December 31, 2013; and,

WHEREAS, the City, the County and the Authority entered into Amendment No. 2 to the Original Agreement dated October 23, 2013 extending the term of the Original Agreement through June 30, 2014; and,

WHEREAS, the City, the County and the Authority entered into Amendment No. 3 to the Original Agreement dated January 28, 2014 extending the term of the Original Agreement through June 30, 2015; and,

WHEREAS, the City, the County and the Authority entered into Amendment No. 4 to the Original Agreement dated July 1, 2015 extending the term of the Original Agreement through June 30, 2016; and

WHEREAS, the City, the County and the Authority entered into Amendment No. 5 to the Original Agreement dated June 6, 2016 extending the term of the Original Agreement through June 30, 2017; and

WHEREAS, the City, the County and the Authority entered into Amendment No. 6 to the Original Agreement dated July 14, 2017 extending the term of the Original Agreement through June 30, 2018 (the Original Agreement, as amended by Amendment No. 1, Amendment No. 2, Amendment No. 3, Amendment No. 4, Amendment No. 5, and Amendment No. 6, hereinafter, the "Agreement"); and,

WHEREAS, the County desires an additional extension of the term of the Agreement through June 30, 2019, and the City is agreeable to an extension for such period.

NOW, THEREFORE, the Parties agree to amend the Agreement as follows:

1. **Amendment to Section 4.** Section 4 of the Agreement, entitled "Term of Agreement," is amended and restated as follows:

4. **Term of Agreement**

This Agreement shall be effective upon execution and the financial participation requirements shall be retroactive to July 1, 2011 and shall continue through June 30, 2019.

2. **Miscellaneous.** Capitalized terms used herein shall have the meanings ascribed to them in the Agreement unless otherwise specifically defined herein. Except as expressly modified hereby, all other terms and conditions of the Agreement shall remain unchanged and shall continue in full force and effect. This Amendment may be executed in two or more counterparts, each of which shall be deemed an original, and all of which together shall constitute one and the same instrument.

IN WITNESS WHEREOF, the Parties have executed this Amendment as of the dates below.

CITY OF CHARLOTTESVILLE:

Maurice Jones
City Manager

Date

COUNTY OF ALBEMARLE:

Jeffrey Richardson
County Executive

Date

RIVANNA SOLID WASTE AUTHORITY:

William I. Mawyer, Jr., P.E.
Executive Director

Date

101893307_2



RIVANNA SOLID WASTE AUTHORITY
695 Moores Creek Lane • Charlottesville, Virginia 22902 • (434) 977-2970

MEMORANDUM

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

FROM: PHIL MCKALIPS, ENVIRONMENT AND SAFETY MANAGER

REVIEWED BY: BILL MAWYER, EXECUTIVE DIRECTOR

**SUBJECT: TERM CONTRACT AWARD – MSW TRANSPORTATION AND
DISPOSAL FROM THE NEW TRANSFER STATION, THOMPSON
TRUCKING**

DATE: MAY 22, 2018

The staff is requesting the Board of Directors to approve the Executive Director to enter into a contract with Thompson Trucking, Inc. for the transportation and disposal of municipal solid waste (MSW) from the new transfer station facility.

Transportation and disposal of MSW from the existing Ivy Transfer Station over the last year has been managed through a contract with Thompson Trucking, Inc. This contract included a per-ton fee for disposal of the MSW at Waste Management's Maplewood Landfill located in Amelia County, and a "pull" charge to cover transportation of waste trailers from the existing transfer station to the Maplewood landfill and return. The term of the existing contract was established to end when the new Ivy transfer station begins operating. With the targeted opening of the new transfer station in the late summer/early fall, a new contract must be put in place to manage the transportation and disposal of MSW from the new facility.

On April 23, 2018, we advertised a Request for Bid (RFB) for MSW Transportation and Disposal. This RFB combines procurement of MSW transportation and disposal services for a term contract of up to five (5) one-year terms which will begin upon the opening of the new transfer station facility. Contract billing will be on a per-ton basis inclusive of all transportation, disposal, insurance, bonding, and other fees and licenses. Potential bidders were asked to respond by 4pm, on May 15, 2018. Four firms responded to the RFB.

Thompson Trucking, Inc. tendered the lowest bid of \$38.89 per ton. For comparative purposes, the average cost for transportation and disposal from the existing transfer station was approximately \$55.00 per ton. This significant decrease in costs is largely based on the reduction in transportation costs due to the expectation that waste trailers leaving the new transfer station will be loaded much more closely to their maximum allowable weight.

Board Action Requested:

Staff requests that the Board of Directors authorize the Executive Director to execute a term contract with Thompson Trucking, Inc., and any amendment up to \$50,000, for the transportation and disposal of MSW from the new Transfer Station.



RIVANNA SOLID WASTE AUTHORITY

695 Moores Creek Lane • Charlottesville, Virginia 22902 • (434) 977-2970

MEMORANDUM

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

FROM: BILL MAWYER, EXECUTIVE DIRECTOR

**SUBJECT: PROPOSED FISCAL YEAR 2018-2019 BUDGET REVIEW,
PUBLIC HEARING AND RATE RESOLUTION ADOPTION**

DATE: MAY 22, 2018

The proposed Operating Budget totaling \$3.2 million for Fiscal Year 2018-2019 and the Preliminary Rate Resolution were introduced during the April 24, 2018 meeting of the Board of Directors. As noted during the April meeting, this budget does not propose any changes in the tipping fees for materials delivered to the Ivy Materials Utilization Center (IMUC) in FY 2018 - 2019.

This budget represents an increase in operating expenses of \$631,000 (24%), largely due to the additional costs to staff and operate the new Transfer Station along with processing costs for the additional tonnage anticipated. Recycling expenses will increase to support the additional day (Monday) and “summer” hours at the McIntire Recycling Center (MRC), while Environmental expenses will increase to support the eWaste program.

Proposed personnel additions include one Equipment Operator, one Attendant/Operator and one Scale Clerk to support Transfer Station operations, along with one Division Director to help manage the expanding number of staff and services being offered and planned. A 3% merit pool for current employees is also proposed, along with a 10% increase in anticipated health care costs.

Estimated capital outlay expenses totaling \$3.59 million are included in the proposed budget to support construction to replace the transfer station and landfill gas flare, as well as two of 15 roll-off containers and one compactor used at the MRC. Also included is replacement of one small truck used at the IMUC, and an additional vehicle for the new Director position.

As required by Virginia law, a Public Notice for a Public Hearing on the Proposed Rates was advertised in a local newspaper on May 2 and May 8, 2018 followed by the statutorily-required minimum 14-day period in advance of today’s public hearing. No comments have been received from the public during the advertisement period.

The budget has been properly noticed in the newspaper, on our web site, and a notice has been sent to the City of Charlottesville, County of Albemarle, and Town of Scottsville as prescribed by the Code of Virginia.

Board Action Requested:

It is respectfully recommended that following a public hearing and consideration of public comment, the Board of Directors adopt the attached Rate Resolution setting forth the advertised rates and fees, and the related Budget for Fiscal Year 2018-2019.

Attachment



RIVANNA SOLID WASTE AUTHORITY
695 Moores Creek Lane • Charlottesville, Virginia 22902 • (434) 977-2970

RESOLUTION

**ADOPTION OF THE RIVANNA SOLID WASTE AUTHORITY
RATE SCHEDULE AND RELATED BUDGET
FOR FISCAL YEAR 2019**

WHEREAS, the Authority has advertised and held a public hearing on May 22, 2018, on the proposed Fiscal Year 2019 rates and fees in accordance with Section 15.2-5136(G) of the Code of Virginia, as amended;

THEREFORE, BE IT RESOLVED that the Rivanna Solid Waste Authority Board of Directors hereby adopt the accompanying rate schedule effective July 1, 2018 summarized below and approve the related the Fiscal Year 2019 Budget as submitted as an attachment with this resolution:

<u>TIPPING FEES PER TON:</u>		<u>TIPPING FEES PER ITEM:</u>	
Clean Fill Material	\$ 10.00	Freon Appliances	\$ 17.00
Pallets	\$ 48.00	Non-Freon Appliances	\$ 9.00
Vegetation/ Yard Waste	\$ 48.00	Passenger Veh. Tire Off Rim	\$ 6.00
Non-Freon Appliances	\$105.00	Passenger Veh. Tire With Rim	\$ 13.00
Domestic Waste (MSW)	\$ 66.00	Large Truck Tire Off Rim	\$ 17.00
Construction Debris (CDD)	\$ 66.00	Large Truck Tire With Rim	\$ 33.00
Compostable Waste	\$178.00		
(Businesses Only)			
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
Trash Stickers (for set of 12)	\$ 24.00	Other customers	\$ 10.00
Ticket Request (per copy)	\$ 1.00	Hauling Fee Per Load Based on Location:	
Credit Application Fee (each)	\$ 35.00	Minimum	\$100.00
		Maximum	\$142.00
* - This fee applies to businesses and institutions only.			

Fiscal Year 2018-2019

Budget



Board of Directors

May 22, 2018

**Rivanna Solid Waste Authority
FY 2019 Proposed Budget**

Table of Contents

Prepared April 16, 2018

Adopted BOD 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 Charts	III-IV
Budget Summary	1
Revenue Estimates	2
Expense Details by Department	
Ivy Operations	4
Ivy Environmental	6
MSW Transfer Operations-Ivy	8
Recycling Operations	10
Administration	12
Authority Wide	14
Capital Program Expenses	19
Appendices	
1 - Definitions of Terms	22
2 - Authority Staffing Plan	23
3 - Cost Allocation for Administrative Services Provided by RWSA	24
4 - Historical Material Tonnage Report - Waste	25
5 - Historical Material Tonnage Report - Recycling	27
6 - MSW Transfer Tonnage Graphs	29
7 - Cash Reserves Estimates	30
8 - Local Support Summary	31

This page left blank intentionally.

**RIVANNA SOLID WASTE AUTHORITY
BUDGET SUMMARY BY PROGRAM
FISCAL YEAR 2019**

<u>Operations Only</u>	Operations Programs Only		IVY OPERATIONS		MSW-IVY TRANSFER		RECYCLE OPERATIONS		ADMINISTRATION SERVICES	
	Adopted Budget FY 2018	Proposed Budget FY 2019	Adopted Budget FY 2018	Proposed Budget FY 2019	Adopted Budget FY 2018	Proposed Budget FY 2019	Adopted Budget FY 2018	Proposed Budget FY 2019	Adopted Budget FY 2018	Proposed Budget FY 2019
REVENUES										
Ivy Tipping Fees	\$ 189,860	\$ 158,960	\$ 189,860	\$ 158,960	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Ivy MSW Tipping	660,315	648,200	-	-	660,315	648,200	-	-	-	-
Material Sales-Ivy	112,500	121,500	112,500	121,500	-	-	-	-	-	-
Recycling Revenues	222,400	251,900	-	-	-	-	222,400	251,900	-	-
Other Revenues	78,000	77,200	-	-	78,000	77,200	-	-	-	-
Interest & Fees	27,200	44,500	-	-	-	-	-	-	27,200	44,500
Total Revenues	\$ 1,290,275	\$ 1,302,260	\$ 302,360	\$ 280,460	\$ 738,315	\$ 725,400	\$ 222,400	\$ 251,900	\$ 27,200	\$ 44,500
% Change		0.93%		-7.24%		-1.75%		13.26%		63.60%
EXPENSES										
Ivy Operations	\$ 297,616	\$ 324,245	\$ 297,616	\$ 324,245	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
MSW Transfer-Ivy	930,685	1,186,282	-	-	930,685	1,186,282	-	-	-	-
Recycling Operations	351,106	452,490	-	-	-	-	351,106	452,490	-	-
Administration	489,723	694,924	-	-	-	-	-	-	489,723	694,924
Total Expenses	\$ 2,069,131	\$ 2,657,941	\$ 297,616	\$ 324,245	\$ 930,685	\$ 1,186,282	\$ 351,106	\$ 452,490	\$ 489,723	\$ 694,924
% Change		28.46%		8.95%		27.46%		28.88%		41.90%
Subtotal	\$ (778,856)	\$ (1,355,681)	\$ 4,744	\$ (43,785)	\$ (192,370)	\$ (460,882)	\$ (128,706)	\$ (200,590)	\$ (462,523)	\$ (650,424)
Administrative allocations (Appendix 3)										
Administrative costs to Envir. MOU	\$ 138,757	\$ 195,127							\$ 138,757	\$ 195,127
Administrative costs to Operations		-	(115,631)	(162,606)	(115,631)	(162,606)	(92,505)	(130,085)	323,766	455,297
Net Operating Results	\$ (640,099)	\$ (1,160,554)	\$ (110,887)	\$ (206,391)	\$ (308,001)	\$ (623,488)	\$ (221,211)	\$ (330,675)	\$ (0)	\$ -
Other Funding Sources & Adjustments:										
Local Government Contributions - Operations	\$ 640,099	\$ 1,160,554								
County Contribution - Capital Grant	\$ 2,087,000	\$ -								
Transfer to Capital Fund-Transfer Station	(2,087,000)	\$ -								
Surplus (Deficit) - Operations	\$ -	\$ -								

<u>Environmental Programs</u>	Adopted Budget FY 2018	Proposed Budget FY 2019
REVENUES		
MOU Support	\$ 396,786	\$ 383,741
Total Revenues	\$ 396,786	\$ 383,741
		-3.29%
EXPENSES		
Ivy Environmental	\$ 536,029	\$ 578,614
Administrative allocation	138,757	195,127
	\$ 674,786	\$ 773,741
		7.94%
Cash Reserves Used	\$ 278,000	\$ 390,000
Surplus (Deficit) - Environmental	\$ (0)	\$ -

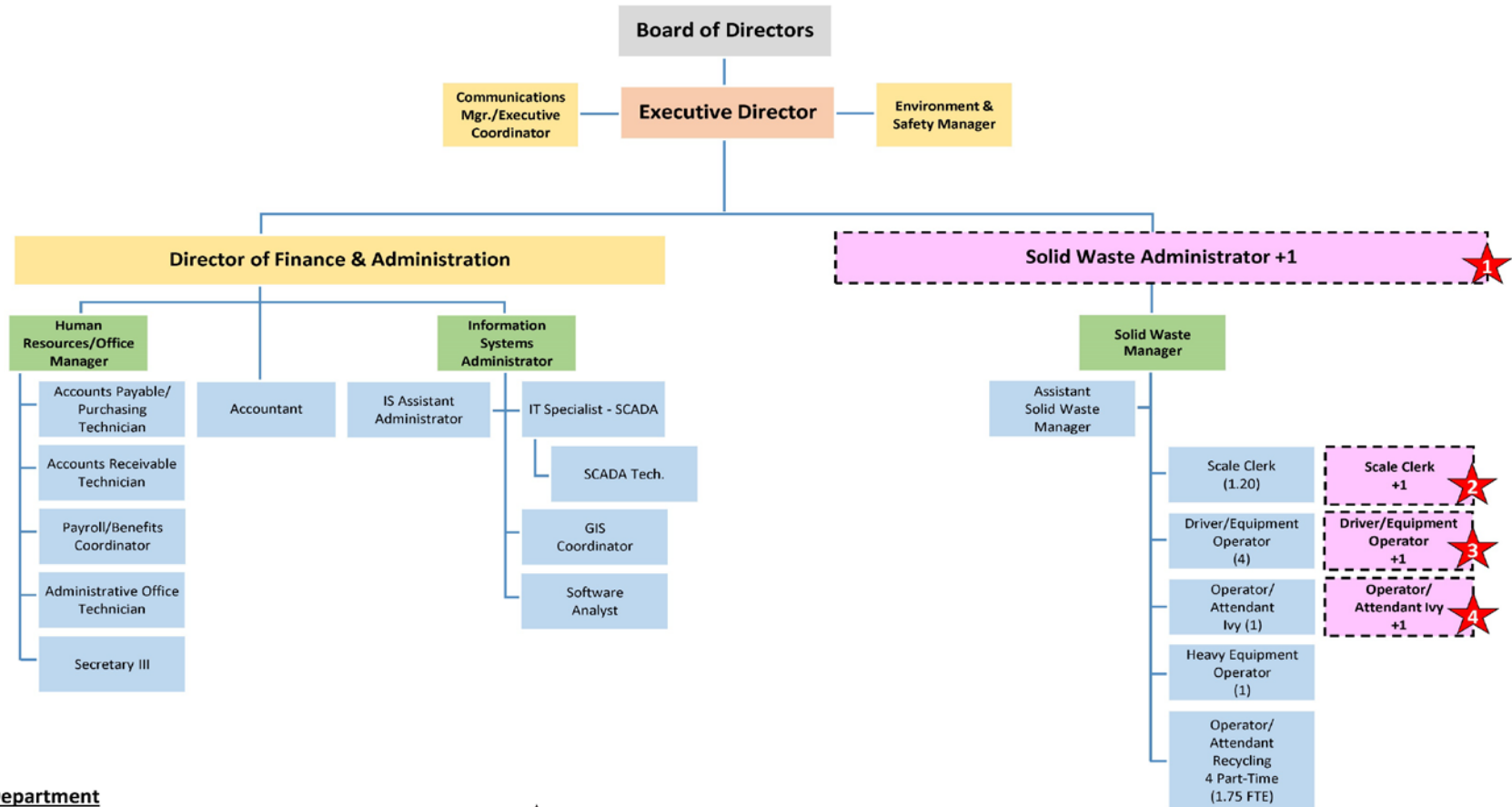
**RIVANNA SOLID WASTE AUTHORITY
ENVIRONMENTAL HORIZON**

Item	Description	FY 2018 Adopted	FY 2018 as of February 2018	Estimated Yearend FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024-2028 Five year Estimate	TEN YEAR ESTIMATE
1	Groundwater System Maintenance	\$ 6,500	\$ 5,472	\$ 5,500	\$ 6,500	\$ 6,500	\$ 6,500	\$ 3,500	\$ 3,500	\$ 17,500	\$ 44,000
2	Gas System Maintenance support	30,000	1,441	28,000	30,000	30,000	30,000	30,000	30,000	150,000	300,000
3	Ambient Air & Ground Water Monitoring - Settlement Agreement	13,000	6,045	11,000	13,000	13,000	13,000	13,000	13,000	65,000	130,000
4	Compliance Ground Water Well Monitoring - Permit related	65,000	38,108	65,000	65,000	65,000	65,000	65,000	65,000	325,000	650,000
5	Surface Water	15,000	7,813	15,000	15,000	15,000	15,000	15,000	15,000	75,000	150,000
6	Cell 3 Lined Dewatering Protocol/Well Construction	-	-	-	-	-	-	-	-	-	-
7	Cell 3 O&M	-	-	-	-	-	-	-	-	-	-
8	Paint Pit SVE	5,000	287	5,000	10,000	5,000	5,000	-	-	-	20,000
9	Full-Scale EBR - Monitoring	29,000	11,631	29,000	30,000	30,000	30,000	30,000	30,000	150,000	300,000
10	Full-Scale EBR - Injections and Reporting	-	-	-	-	-	-	-	-	-	-
11	Cobalt MNA Monitoring	3,300	2,398	3,000	4,000	4,000	4,000	4,000	4,000	20,000	40,000
12	Greenhouse Gas Monitoring and Reporting	5,000	-	5,000	5,000	5,000	5,000	5,000	5,000	25,000	
										-	-
N/A	Existing Operations & Maintenance (staff, insurance, maint.)	341,129	226,852	369,529	380,114	358,399	358,399	358,399	358,399	1,791,993	3,605,702
N/A	Contingency	20,000	-	-	20,000	20,000	20,000	20,000	20,000	100,000	200,000
	Total Estimated Cost	\$ 532,929	\$ 300,047	\$ 536,029	\$ 578,614	\$ 531,899	\$ 531,899	\$ 523,899	\$ 523,899	\$ 2,619,493	\$ 5,439,702

Rivanna Solid Waste Authority

Organizational Chart

Proposed FY 18-19 Budget



FTE Positions by Department

Department	Current FTE	Proposed FTE	Change +/-
*Joint Administrative Staff	16.00	17.00	1.00
Ivy & Recycling Operations	10.95	14.95	4.00

*All positions except for the Solid Waste Administrator position and its reports are Joint Administration.

Joint Administration increase is being proposed by RWSA (Software Analyst).



FY 2019 Proposed FTE Changes

1. Reinstatement of the Solid Waste Administrator position.
2. Current Scale Attendant position staff: 1.20 FTE. Propose position staffing of 2.20 FTE.
3. Current Driver/Equipment Operator position staff: 4.00 FTE. Propose position staffing of 5.00 FTE.
4. Current Operator/Attendant position staff: 2.75 FTE. Propose position staffing of 3.25 FTE.

One employee per position unless otherwise noted in parenthesis () FTE Full Time Equivalent

Rivanna Solid Waste Authority
Fiscal Year 2018-2019 Budget

Budget Summary

OPERATIONS	Adopted Budget FY 2017-2018	Estimated Yearend FY 2017-2018	Proposed Budget FY 2018-2019	FY 2018 vs. FY 2019 Variance \$	FY 2018 vs. FY 2019 Variance %
<u>Revenues</u>					
Ivy Tipping Fees	\$ 189,860	\$ 148,008	\$ 158,960	\$ (30,900)	-16.28%
Ivy MSW Transfer Tipping	660,315	682,566	648,200	(12,115)	-1.83%
Material & Other Sales-Ivy	112,500	123,794	121,500	9,000	8.00%
Recycling Revenues	222,400	260,502	251,900	29,500	13.26%
Other Revenues	78,000	92,209	77,200	(800)	-1.03%
Interest & Fees	27,200	48,311	44,500	17,300	63.60%
Total Revenues	\$ 1,290,275	\$ 1,355,389	\$ 1,302,260	\$ 11,985	0.93%
<u>Expenses</u>					
Ivy Operations	\$ 297,616	\$ 313,254	\$ 324,245	\$ 26,629	8.95%
MSW Transfer Ivy	930,685	886,174	1,186,282	255,597	27.46%
Recycling Operations	351,106	433,260	452,490	101,384	28.88%
Administration	489,723	519,863	694,924	205,201	41.90%
Total Expenses	\$ 2,069,131	\$ 2,152,550	\$ 2,657,941	\$ 588,811	28.46%
Operating Net Income (Loss)	\$ (778,856)	\$ (797,161)	\$ (1,355,681)	\$ (576,826)	74.06%
<u>Other Funding Sources & Adjustments</u>					
Local Government Contributions-Operations	\$ 640,098	\$ 640,098	\$ 1,160,554	\$ 520,456	81.31%
Administrative costs allocation from MOU	138,757	155,959	195,127	56,370	40.63%
County Contribution-Capital Grant	2,087,000	996,374		(2,087,000)	
Transfer to Capital Fund-Transfer Station	(2,087,000)	(996,374)	-	2,087,000	
Net Income (Loss)	\$ -	\$ (1,104)	\$ (0)	\$ 1	

ENVIRONMENTAL PROGRAMS (MOU)

<u>Revenues</u>					
Remediation Support	\$ 396,786	\$ 396,787	\$ 383,741	\$ (13,045)	-3.29%
	\$ 396,786	\$ 396,787	\$ 383,741	\$ (13,045)	
<u>Expenses</u>					
Ivy Environmental	\$ 536,029	\$ 514,031	\$ 578,614	\$ 42,585	7.94%
Administrative allocation to MOU (30%)	138,757	155,959	195,127	56,370	40.63%
	\$ 674,786	\$ 669,990	\$ 773,741	\$ 98,955	
<u>Use of Cash Reserves</u>	\$ 278,000	\$ 267,203	\$ 390,000	\$ 112,000	40.29%
Net Environmental Results	\$ (0)	\$ (6,000)	\$ -	\$ 0	

Rivanna Solid Waste Authority
Fiscal Year 2018-2019
Proposed Budget
Detailed Operating Revenue Estimates

Revenue Line Item	Tipping Fees		Tonnage		FY 2018		Revenue Estimates		FY 2018 vs. FY 2019 Variance \$	FY 2018 vs. FY 2019 Variance %
	FY	FY	Budgeted	Estimate	Actual \$	Projected	Adopted FY	Proposed FY		
	2017-2018	2018-2019	Estimate	Estimate	8 Months	12 Months	2017-2018	2018-2019		
IVY TIPPING FEES										
Clean Fill Material	\$ 10.00	\$ 10.00	5,500	5,000	\$ 31,266	\$ 46,899	\$ 55,000	\$ 50,000	\$ (5,000)	-9%
Grindable Material	48.00	48.00	2,000	1,500	44,263	66,395	96,000	72,000	(24,000)	-25%
Pallets	48.00	48.00	70	70	2,221	3,332	3,360	3,360	-	0%
Tires, Whole	190.00	190.00	100	90	10,014	15,021	19,000	17,100	(1,900)	-10%
Tires/White Good (per item)					10,908	16,362	16,500	16,500	-	0%
<i>Subtotal</i>			7,670	6,660	\$ 98,672	\$ 148,008	\$ 189,860	\$ 158,960	\$ (30,900)	-16%
TRANSFER STATION - IVY TIPPING FEES										
Compost Charge for Services		\$ 178.00		500	\$ 87,389	\$ 131,084	\$ 138,915	\$ 89,000	\$ (49,915)	
IVY - MSW/Const. TS	66.00	66.00	7,900	8,200	367,655	551,483	521,400	559,200	\$ 37,800	7%
<i>Subtotal</i>			7,900	8,200	\$ 455,044	\$ 682,566	\$ 660,315	\$ 648,200	\$ (12,115)	-2%
MATERIAL SALES - IVY										
Encore					\$ 12,650	\$ 18,975	\$ 15,000	\$ 19,000	\$ 4,000	27%
Metals					20,135	30,203	27,000	30,000	3,000	11%
Wood Mulch & Chips					14,729	22,094	25,000	22,000	(3,000)	-12%
Hauling Fees					34,676	52,014	45,000	50,000	5,000	11%
Other Materials					339	509	500	500	-	0%
<i>Subtotal</i>					\$ 82,529	\$ 123,794	\$ 112,500	\$ 121,500	\$ 9,000	8%
RECYCLING REVENUES										
Material Sales					\$ 148,947	\$ 223,421	\$ 185,000	\$ 215,000	\$ 30,000	16%
Other Materials & Services					4,204	6,306	7,000	6,300	(700)	-10%
Grants					27,118	27,118	27,500	27,000	(500)	-2%
Hauling Fees					2,438	3,657	2,900	3,600	700	24%
<i>Subtotal</i>					\$ 182,707	\$ 260,502	\$ 222,400	\$ 251,900	\$ 29,500	13%
OTHER REVENUES										
Service Charge Fees					\$ 47,908	\$ 71,862	\$ 75,000	\$ 70,000	\$ (5,000)	-7%
Other Revenues					16,898	20,347	3,000	7,200	4,200	
<i>Subtotal</i>					\$ 64,806	\$ 92,209	\$ 78,000	\$ 77,200	\$ (800)	-1%
REMEDIATION SUPPORT										
UVA Contribution					\$ 79,982	\$ 79,982	\$ 79,982	\$ 79,982	\$ -	0%
County Contribution					153,254	204,339	204,339	195,925	(8,414)	-4%
City Contribution					84,350	112,467	112,466	107,835	(4,631)	-4%
<i>Subtotal</i>					\$ 317,586	\$ 396,787	\$ 396,787	\$ 383,741	\$ (13,046)	-3%
INTEREST, LATE FEES, OTHER										
Trust Fund Interest					\$ 1,440	\$ 2,160	\$ 1,000	\$ 2,000	\$ 1,000	100%
Finance Charges					358	537	1,200	500	-	0%
Capital Fund Interest					11,249	16,874	10,000	17,000	7,000	70%
Daily Investment Interest					19,160	28,740	15,000	25,000	10,000	67%
<i>Subtotal</i>					\$ 32,207	\$ 48,311	\$ 27,200	\$ 44,500	\$ 18,000	66%
Total Revenues					\$ 1,233,551	\$ 1,752,176	\$ 1,687,062	\$ 1,686,001	\$ (361)	0%

Expense Details by Department

Rivanna Solid Waste Authority

Fiscal Year 2018-2019

**Rivanna Solid Waste Authority
Fiscal Year 2018-2019 Proposed Budget
Expense Detail by Department
IVY OPERATIONS**

Object Code	Line Item	Adopted Budget FY 2017-2018	Current Year Activity		Proposed Budget FY 2018-2019	FY 2018 vs. FY 2019 Variance \$	FY 2018 vs. FY 2019 Variance %
			Eight Months Actual 2/28/2018	Projected Yearend 6/30/18			
10000	Salaries and Benefits						
11000	Salaries	\$ 111,145	\$ 70,030	\$ 105,045	\$ 118,200	\$ 7,055	6.3%
11010	Holiday & Overtime Pay	6,000	5,785	8,678	8,600	2,600	43%
12010	FICA	8,962	5,692	8,538	9,700	739	8%
12020	Health Insurance	21,800	10,287	15,431	26,200	4,400	20%
12026	Employee Assistance Program & OPEB	26	21	32	30	4	15%
12030	Retirement	8,803	4,798	7,197	11,016	2,214	25%
12040	Life Insurance	1,456	776	1,164	1,548	92	6%
12050	Fitness Program	50	(17)	(17)	50	-	-
12060	Worker's Comp Insurance	7,500	6,718	8,624	8,600	1,100	15%
	Subtotal	\$ 165,741	\$ 104,090	\$ 154,691	\$ 183,945	\$ 18,204	11%
13000	Other Personnel Costs						
13100	Employee Dues & Licenses	\$ 100	\$ 46	\$ 69	\$ 100	\$ -	0%
13150	Education & Training	300	678	700	700	400	133%
13200	Travel & Lodging	200	-	-	200	-	-
13250	Uniforms	2,500	1,737	2,606	2,600	100	4%
13325	Recruiting and Medical Testing	200	91	137	200	-	-
13350	Other	500	176	264	500	-	0%
	Subtotal	\$ 3,800	\$ 2,728	\$ 3,775	\$ 4,300	\$ 500	13%
	Professional Services						
20100	Legal Fees	\$ -	\$ -	\$ -	\$ -	\$ -	-
20200	Financial & Admin. Services	-	-	-	-	-	-
20300	Engineering Consultants	-	882	1,323	-	-	-
	Subtotal	\$ -	\$ 882	\$ 1,323	\$ -	\$ -	-
	Other Services and Charges						
21100	General Liability/Property Insurance	\$ 5,300	\$ 5,163	\$ 5,200	\$ 5,500	\$ 200	4%
21150	Advertising	-	-	-	-	-	-
21250	Administrative Services RWSA	-	-	-	-	-	-
21252	EMS Programs/Supplies	-	-	-	-	-	-
21253	Safety Programs/Supplies	500	359	539	500	-	0%
21300	Authority Dues/Permits/Fees	1,200	-	1,200	1,200	-	0%
21350	Laboratory Analysis	-	-	-	-	-	-
21400	Utilities	3,600	2,280	3,420	3,500	(100)	-3%
21420	General Other Services	4,200	-	1,000	1,000	(3,200)	-76%
21430	Governance Support	-	-	-	-	-	-
21450	Bad Debt Write-Offs	-	-	-	-	-	-
	Subtotal	\$ 14,800	\$ 7,802	\$ 11,359	\$ 11,700	\$ (3,100)	-21%
22000	Communication						
22150	Telephone & Data Service	\$ 1,500	\$ 842	\$ 1,263	\$ 1,400	\$ (100)	-7%
22200	Cell Phones & Pagers	275	261	392	400	125	45%
	Subtotal	\$ 1,775	\$ 1,103	\$ 1,655	\$ 1,800	\$ 25	1%
31000	Information Technology						
31100	Computer Hardware	\$ 500	\$ 1,042	\$ 1,563	\$ 1,000	\$ 500	100%
31200	Maintenance & Support Services	1,000	375	563	1,000	-	0%
31250	Software Purchases	-	-	-	-	-	-
	Subtotal	\$ 1,500	\$ 1,417	\$ 2,126	\$ 2,000	\$ 500	33%
32000	Vehicles and Equipment Maint.						
32100	Vehicle Maintenance & Repair	\$ 6,000	\$ 8,168	\$ 12,252	\$ 10,000	\$ 4,000	67%
32150	Equipment Maint. & Repair	35,000	34,688	52,032	40,000	5,000	14%
32200	Fuel	5,000	3,144	4,716	5,000	-	0%
32300	Trailer Maint. & Repairs	-	-	-	-	-	-

**Rivanna Solid Waste Authority
Fiscal Year 2018-2019 Proposed Budget
Expense Detail by Department
IVY OPERATIONS**

Object Code	Line Item	Adopted Budget FY 2017-2018	Current Year Activity		Proposed Budget FY 2018-2019	FY 2018 vs. FY 2019 Variance \$	FY 2018 vs. FY 2019 Variance %
			Eight Months Actual 2/28/2018	Projected Yearend 6/30/18			
	<i>Subtotal</i>	\$ 46,000	\$ 46,000	\$ 69,000	\$ 55,000	\$ 9,000	20%
33000	Supplies						
33100	Office Supplies	\$ 1,000	\$ 401	\$ 602	\$ 1,000	\$ -	0%
33150	Subscriptions/Reference Material	-	-	-	-	-	-
33350	Postage	-	-	-	-	-	-
	<i>Subtotal</i>	\$ 1,000	\$ 401	\$ 602	\$ 1,000	\$ -	0%
41000	Operation & Maintenance						
41100	Facility Maintenance	\$ 8,000	\$ 3,206	\$ 4,809	\$ 8,000	\$ -	0%
41400	Materials & Supplies	1,000	1,179	1,769	1,000	-	0%
41450	HHW Disposal	-	-	-	-	-	-
41500	Contracted Labor	-	-	-	-	-	-
41550	Material Purchases	-	-	-	-	-	-
41650	Wood Grinding	30,000	-	40,000	40,000	10,000	33%
41700	Building Rental	-	-	-	-	-	-
41750	Leach Treatment	-	-	-	-	-	-
41760	Tire Disposal	8,000	3,531	8,297	8,000	-	0%
	<i>Subtotal</i>	\$ 47,000	\$ 7,916	\$ 54,874	\$ 57,000	\$ 10,000	21%
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	-	-	-	-	-	-
51223	Cell 3 Dewatering Protocol	-	-	-	-	-	-
51224	O&M Cell 3 and P.Plant place holder	-	-	-	-	-	-
51300	Paint Pit Remed. - Gas & Vapor Extraction	-	-	-	-	-	-
51649	Full Scale EBR - Monitoring	-	-	-	-	-	-
51650	Full Scale EBR - Injection & Reporting	-	-	-	-	-	-
51660	Greenhouse Gas Monitoring & Reporting	-	-	-	-	-	-
51670	Cobalt MNA Monitoring	-	-	-	-	-	-
41900	Closure Costs	-	-	-	-	-	-
51800	Contingency	-	-	-	-	-	-
	<i>Subtotal</i>	\$ -	\$ -	\$ -	\$ -	\$ -	-
81000	Equipment						
81100	Small Equipment (under \$5000)	\$ 2,500	\$ 234	\$ 351	\$ 1,500	\$ (1,000)	-40%
81200	Rental & Leases	-	-	-	-	-	-
81250	Heavy Equipment	-	-	-	-	-	-
	Depreciation	13,500	9,000	13,500	6,000	(7,500)	-56%
	<i>Subtotal</i>	\$ 16,000	\$ 9,234	\$ 13,851	\$ 7,500	\$ (8,500)	-53%
Total		\$ 297,616	\$ 181,573	\$ 313,254	\$ 324,245	\$ 26,629	9%

**Rivanna Solid Waste Authority
Fiscal Year 2018-2019 Proposed Budget
Expense Detail by Department
IVY ENVIRONMENTAL**

FY ENVIRONMENTAL		Adopted Budget FY 2017-2018		Current Year Activity		Proposed Budget FY 2018-2019		FY 2018 vs. FY 2019 Variance \$		FY 2018 vs. FY 2019 Variance %		
Object Code	Line Item			Eight Months Actual 2/28/2018	Projected Yearend 6/30/18							
10000	Salaries and Benefits											
11000	Salaries	\$	115,897	\$	72,845	\$	109,268	\$	118,630	\$	2,733	2.4%
11010	Holiday & Overtime Pay		6,000		6,017		9,026		9,000		3,000	50%
12010	FICA		9,325		5,920		8,880		9,764		439	5%
12020	Health Insurance		22,600		10,700		16,050		24,480		1,880	8%
12026	Employee Assistance Program & OPEB		30		21		32		30		-	0%
12030	Retirement		9,179		4,990		7,485		11,056		1,877	20%
12040	Life Insurance		1,518		807		1,211		1,554		36	2%
12050	Fitness Program		50		(18)		(18)		50		-	
12060	Worker's Comp Insurance		7,800		6,768		8,751		8,800		1,000	13%
	Subtotal	\$	172,399	\$	108,050	\$	160,683	\$	183,364	\$	10,965	6%
13000	Other Personnel Costs											
13100	Employee Dues & Licenses	\$	100	\$	48	\$	72	\$	100	\$	-	0%
13150	Education & Training		250		524		786		800		550	220%
13200	Travel & Lodging		200		-		-		200		-	
13250	Uniforms		2,500		1,806		2,709		2,700		200	8%
13325	Recruiting and Medical Testing		100		94		141		500		400	
13350	Other		500		183		275		500		-	
	Subtotal	\$	3,650	\$	2,655	\$	3,983	\$	4,800	\$	1,150	32%
	Professional Services											
20100	Legal Fees	\$	-	\$	-	\$	-	\$	-	\$	-	
20200	Financial & Admin. Services		-		-		-		-		-	
20300	Engineering Consultants		-		-		-		-		-	
	Subtotal	\$	-	\$	-	\$	-	\$	-	\$	-	
	Other Services and Charges											
21100	General Liability/Property Insurance	\$	700	\$	755	\$	755	\$	800	\$	100	14%
21150	Advertising		5,000		1,255		2,500		2,500		(2,500)	
21250	Administrative Services RWSA		-		-		-		-		-	
21252	EMS Programs/Supplies		-		-		-		-		-	
21253	Safety Programs/Supplies		80		161		242		250		170	
21300	Authority Dues/Permits/Fees		3,400		2,160		3,240		3,400		-	0%
21350	Laboratory Analysis		-		-		-		-		-	
21400	Utilities		6,500		4,291		6,437		6,500		-	0%
21420	General Other Services		-		87		131		24,000		24,000	
21430	Governance Support		-		-		-		-		-	
21450	Bad Debt Write-Offs		-		-		-		-		-	
	Subtotal	\$	15,680	\$	8,709	\$	13,304	\$	37,450	\$	21,770	139%
22000	Communication											
22150	Telephone & Data Service	\$	750	\$	314	\$	471	\$	500	\$	(250)	-33%
22200	Cell Phones & Pagers		500		326		489		500		-	0%
	Subtotal	\$	1,250	\$	640	\$	960	\$	1,000	\$	(250)	-20%
31000	Information Technology											
31100	Computer Hardware	\$	-	\$	-	\$	-	\$	-	\$	-	
31200	Maintenance & Support Services		15,000		-		6,000		6,000		(9,000)	
31250	Software Purchases		-		-		-		-		-	
	Subtotal	\$	15,000	\$	-	\$	6,000	\$	6,000	\$	(9,000)	
32000	Vehicles and Equipment Maint.											
32100	Vehicle Maintenance & Repair	\$	2,000	\$	1,140	\$	1,710	\$	2,000	\$	-	0%
32150	Equipment Maint. & Repair		5,000		2,675		4,013		5,000		-	0%
32200	Fuel		3,000		2,358		3,537		3,500		500	17%
32300	Trailer Maint. & Repairs		5,000		779		1,169		4,000		(1,000)	-20%
	Subtotal	\$	15,000	\$	6,952	\$	10,428	\$	14,500	\$	(500)	
33000	Supplies											
33100	Office Supplies	\$	250	\$	5	\$	8	\$	-	\$	(250)	-100%
33150	Subscriptions/Reference Material		-		-		-		-		-	
33350	Postage		-		-		-		-		-	
	Subtotal	\$	250	\$	5	\$	8	\$	-	\$	(250)	
41000	Operation & Maintenance											
41100	Facility Maintenance	\$	8,000		29,494	\$	44,241	\$	15,000	\$	7,000	88%

**Rivanna Solid Waste Authority
Fiscal Year 2018-2019 Proposed Budget
Expense Detail by Department
IVY ENVIRONMENTAL**

Object Code	Line Item	Adopted Budget FY 2017-2018	Current Year Activity		Proposed Budget FY 2018-2019	FY 2018 vs. FY 2019 Variance \$	FY 2018 vs. FY 2019 Variance %
			Eight Months Actual 2/28/2018	Projected Yearend 6/30/18			
41400	Materials & Supplies	1,500	1,226	1,839	1,500	-	0%
41450	HHW Disposal	100,000	61,727	95,000	100,000	-	0%
41500	Contracted Labor	-	-	-	-	-	-
41550	Material Purchases	-	-	-	-	-	-
41650	Wood Grinding	-	-	-	-	-	-
41700	Building Rental	-	-	-	-	-	-
41750	Leach Treatment	1,500	724	1,086	1,500	-	0%
41760	Tire Disposal	-	-	-	-	-	-
Subtotal		\$ 111,000	\$ 93,171	\$ 142,166	\$ 118,000	\$ 7,000	6%
43000	Disposal Contracts						
43100	MSW - Ivy Transfer	-	-	-	-	-	-
Subtotal		\$ -	\$ -	\$ -	\$ -	\$ -	-
51000	Ivy Remediation						
41350	Ground Water Systems Maintenance	6,500	5,472	5,500	6,500	-	0%
41360	Gas Systems Maintenance	30,000	1,441	28,000	30,000	-	0%
51101	Settlement Agreement (Air & Groundwater)	13,000	6,045	11,000	13,000	-	0%
51110	Compliance Ground Water Well Monitoring	65,000	38,108	65,000	65,000	-	0%
51200	Surface Water & Water Supply Monitoring	15,000	7,813	15,000	15,000	-	0%
51223	Cell 3 Dewatering Protocol	-	-	-	-	-	-
51224	O&M Cell 3 and P.Plant place holder	-	-	-	-	-	-
51300	Paint Pit Remed. - Gas & Vapor Extraction	5,000	287	5,000	10,000	5,000	100%
51649	Full Scale EBR - Monitoring	29,000	11,631	29,000	30,000	1,000	-
51650	Full Scale EBR - Injection & Reporting	-	-	-	-	-	-
51660	Greenhouse Gas Monitoring & Reporting	5,000	-	5,000	5,000	-	0%
51670	Cobalt MNA Monitoring	3,300	2,398	3,000	4,000	700	-
41900	Closure Costs	-	-	-	-	-	-
51800	Contingency	20,000	-	-	20,000	-	0%
Subtotal		\$ 191,800	\$ 73,195	\$ 166,500	\$ 198,500	\$ 6,700	3%
81000	Equipment						
81100	Small Equipment (under \$5000)	-	-	-	-	-	-
81200	Rental & Leases	-	-	-	-	-	-
81250	Heavy Equipment	-	-	-	-	-	-
	Depreciation	10,000	6,667	10,001	15,000	5,000	50%
Subtotal		\$ 10,000	\$ 6,667	\$ 10,001	\$ 15,000	\$ 5,000	50%
Total		\$ 536,029	\$ 300,044	\$ 514,031	\$ 578,614	\$ 42,585	8%

Current year budget and yearend estimates				Proposed
MOU PAYMENT BASIS:				
Base Expenses	\$ 536,029	\$ 300,044	\$ 514,031	\$ 578,614
Adminstrative allocation	138,757		155,959	195,127
	\$ 674,786	\$ 300,044	\$ 669,990	\$ 773,741
Use of Reserves	\$ 278,000	\$ -	\$ 267,203	\$ 390,000
UVA FIXED PER AGREEMENT	79,982	79,982	79,982	79,982
COUNTY 64.5%	204,339	153,254	204,339	195,925
CITY 35.5%	112,466	84,349	112,467	107,835
	\$ 674,786	\$ 317,585	\$ 663,990	\$ 773,741
Reserves not used as planned	\$ -		\$ 10,797	

**Rivanna Solid Waste Authority
Fiscal Year 2018-2019 Proposed Budget
Expense Detail by Department
MSW TRANSFER OPERATIONS - IVY**

Expense Detail by Department			ISW TRANSFER OPERATIONS - IVY				FY 2018 vs. FY 2019 Variance \$		FY 2018 vs. FY 2019 Variance %	
Object Code	Line Item	Adopted Budget FY 2017-2018	Current Year Activity		Proposed Budget FY 2018-2019					
			Eight Months Actual 2/28/2018	Projected Yearend 6/30/18						
10000	Salaries and Benefits									
11000	Salaries	\$ 189,150	\$ 119,297	\$ 178,946	\$ 287,100	\$ 97,950	51.78%			
11010	Holiday & Overtime Pay	13,000	9,855	14,783	13,000	-	0%			
12010	FICA	15,464	9,696	14,544	22,958	7,493	48%			
12020	Health Insurance	41,105	17,524	26,286	79,050	37,945	92%			
12026	Employee Assistance Program & OPEB	50	35	53	50	-	0%			
12030	Retirement	14,981	8,173	12,260	26,758	11,777	79%			
12040	Life Insurance	2,478	1,321	1,982	3,761	1,283	52%			
12050	Fitness Program	100	(29)	(29)	100	-	0%			
12060	Worker's Comp Insurance	12,700	11,183	14,410	22,500	9,800	77%			
	Subtotal	\$ 289,028	\$ 177,055	\$ 263,233	\$ 455,276	\$ 166,248	58%			
13000	Other Personnel Costs									
13100	Employee Dues & Licenses	\$ 100	\$ 79	\$ 119	\$ 120	\$ 20	20%			
13150	Education & Training	300	858	1,287	1,000	700	233%			
13200	Travel & Lodging	200	-	-	200	-				
13250	Uniforms	5,500	2,958	4,437	7,000	1,500	27%			
13325	Recruiting and Medical Testing	500	155	233	500	-				
13350	Other	1,000	299	449	500	(500)	-50%			
	Subtotal	\$ 7,600	\$ 4,349	\$ 6,524	\$ 9,320	\$ 1,720	23%			
	Professional Services									
20100	Legal Fees	\$ -	\$ 276	\$ 414		\$ -				
20200	Financial & Admin. Services	-	-	-		-				
20300	Engineering Consultants	-	-	-	45,000	45,000				
	Subtotal	\$ -	\$ 276	\$ 414	\$ 45,000	\$ 45,000				
	Other Services and Charges									
21100	General Liability/Property Insurance	\$ 4,100	\$ 3,959	\$ 4,000	\$ 8,300	\$ 4,200	102%			
21150	Advertising	2,000	-	-	2,000	-	0%			
21250	Administrative Services RWSA	-	-	-	-	-				
21252	EMS Programs/Supplies	-	-	-	-	-				
21253	Safety Programs/Supplies	200	877	1,316	1,200	1,000				
21300	Authority Dues/Permits/Fees	8,700	6,036	9,054	9,000	300	3%			
21350	Laboratory Analysis	-	-	-	-	-				
21400	Utilities	10,700	7,156	10,734	11,000	300	3%			
21420	General Other Services	111,132	56,856	85,284	77,500	(33,632)				
21430	Governance Support	-	-	-	-	-				
21450	Bad Debt Write-Offs	-	-	-	-	-				
	Subtotal	\$ 136,832	\$ 74,884	\$ 110,388	\$ 109,000	\$ (27,832)	-20%			
22000	Communication									
22150	Telephone & Data Service	\$ 1,300	\$ 515	\$ 773	\$ 1,000	\$ (300)	-23%			
22200	Cell Phones & Pagers	700	682	1,023	1,000	300	43%			
	Subtotal	\$ 2,000	\$ 1,197	\$ 1,796	\$ 2,000	\$ -				
31000	Information Technology									
31100	Computer Hardware	\$ 500	\$ -	\$ -	\$ 500	\$ -				
31200	Maintenance & Support Services	2,000	1,125	1,688	2,000	-	0%			
31250	Software Purchases	-	-	-	-	-				
	Subtotal	\$ 2,500	\$ 1,125	\$ 1,688	\$ 2,500	\$ -	0%			
32000	Vehicles and Equipment Maint.									
32100	Vehicle Maintenance & Repair	\$ 3,000	\$ 1,867	\$ 2,801	\$ 3,000	\$ -	0%			
32150	Equipment Maint. & Repair	15,000	6,172	9,258	15,000	-	0%			
32200	Fuel	2,300	1,572	2,358	2,400	100	4%			
32300	Trailer Maint & Repairs	-	-	-	-	-				
	Subtotal	\$ 20,300	\$ 9,611	\$ 14,417	\$ 20,400	\$ 100	0%			

**Rivanna Solid Waste Authority
Fiscal Year 2018-2019 Proposed Budget
Expense Detail by Department
MSW TRANSFER OPERATIONS - IVY**

Object Code	Line Item	Adopted Budget FY 2017-2018	Current Year Activity		Proposed Budget FY 2018-2019	FY 2018 vs. FY 2019 Variance \$	FY 2018 vs. FY 2019 Variance %
			Eight Months Actual 2/28/2018	Projected Yearend 6/30/18			
33000	Supplies						
33100	Office Supplies	\$ 1,700	\$ 1,252	\$ 1,878	\$ 1,700	\$ -	0%
33150	Subscriptions/Reference Material	-	-	-	-	-	-
33350	Postage	-	-	-	-	-	-
	<i>Subtotal</i>	\$ 1,700	\$ 1,252	\$ 1,878	\$ 1,700	\$ -	0%
41000	Operation & Maintenance						
41100	Facility Maintenance	\$ 30,000	\$ 17,943	\$ 26,915	\$ 30,000	\$ -	0%
41400	Materials & Supplies	2,500	2,008	3,012	3,000	500	20%
41450	HHW Disposal	-	-	-	-	-	-
41500	Contracted Labor	-	-	-	-	-	-
41550	Material Purchases	-	-	-	-	-	-
41650	Wood Grinding	-	-	-	-	-	-
41700	Building Rental	-	-	-	-	-	-
41750	Leach Treatment	-	-	-	-	-	-
41760	Tire Disposal	-	-	-	-	-	-
	<i>Subtotal</i>	\$ 32,500	\$ 19,951	\$ 29,927	\$ 33,000	\$ 500	2%
43000	Disposal Contracts						
43100	MSW - Ivy Transfer	\$ 398,225	\$ 280,814	\$ 421,221	\$ 469,586	\$ 71,361	18%
	<i>Subtotal</i>	\$ 398,225	\$ 280,814	\$ 421,221	\$ 469,586	\$ 71,361	18%
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	-	-	-	-	-	-
51223	Cell 3 Dewatering Protocol	-	-	-	-	-	-
51224	O&M Cell 3 and P.Plant place holder	-	-	-	-	-	-
51300	Paint Pit Remed. - Gas & Vapor Extraction	-	-	-	-	-	-
51649	Full Scale EBR - Monitoring	-	-	-	-	-	-
51650	Full Scale EBR - Injection & Reporting	-	-	-	-	-	-
51660	Greenhouse Gas Monitoring & Reporting	-	-	-	-	-	-
51670	Cobalt MNA Monitoring	-	-	-	-	-	-
41900	Closure Costs	5,000	3,122	3,122	3,500	(1,500)	-
51800	Contingency	-	-	-	-	-	-
	<i>Subtotal</i>	\$ 5,000	\$ 3,122	\$ 3,122	\$ 3,500	\$ (1,500)	-
81000	Equipment						
81100	Small Equipment (under \$5000)	\$ 5,000	\$ 1,046	\$ 1,569	\$ 5,000	\$ -	-
81200	Rental & Leases	-	-	-	-	-	-
81250	Heavy Equipment	-	-	-	-	-	-
	Depreciation	30,000	20,000	30,000	30,000	-	0%
	<i>Subtotal</i>	\$ 35,000	\$ 21,046	\$ 31,569	\$ 35,000	\$ -	0%
Total		\$ 930,685	\$ 594,682	\$ 886,174	\$ 1,186,282	\$ 255,597	27%

Rivanna Solid Waste Authority
Fiscal Year 2018-2019 Proposed Budget
Expense Detail by Department
RECYCLING

Object Code	Line Item	Adopted Budget FY 2017-2018	Current Year Activity		Proposed Budget FY 2018-2019	FY 2018 vs. FY 2019 Variance \$	FY 2018 vs. FY 2019 Variance %
			Eight Months Actual 2/28/2018	Projected Yearend 6/30/18			
10000	Salaries and Benefits						
11000	Salaries	\$ 124,750	\$ 89,737	\$ 134,606	\$ 163,702	\$ 38,952	31.22%
11010	Holiday & Overtime Pay	6,500	7,413	11,120	11,000	4,500	69%
12010	FICA	10,041	7,293	10,940	13,365	3,324	33%
12020	Health Insurance	18,080	13,182	19,773	19,584	1,504	8%
12026	Employee Assistance Program & OPEB	20	26	39	40	20	100%
12030	Retirement	6,106	6,148	9,222	11,529	5,423	89%
12040	Life Insurance	1,010	994	1,491	1,620	611	60%
12050	Fitness Program	50	(22)	(22)	50	-	
12060	Worker's Comp Insurance	6,400	5,416	7,042	7,100	700	11%
	Subtotal	\$ 172,956	\$ 130,187	\$ 194,210	\$ 227,990	\$ 55,034	32%
13000	Other Personnel Costs						
13100	Employee Dues & Licenses	\$ 100	\$ 59	\$ 89	\$ 100	\$ -	0%
13150	Education & Training	100	646	969	1,000	900	
13200	Travel & Lodging	100	-	-	100	-	
13250	Uniforms	2,000	2,691	4,037	4,000	2,000	100%
13325	Recruiting and Medical Testing	150	116	174	150	-	
13350	Other	200	321	482	200	-	0%
	Subtotal	\$ 2,650	\$ 3,833	\$ 5,750	\$ 5,550	\$ 2,900	109%
	Professional Services						
20100	Legal Fees	\$ -	\$ -	\$ -	\$ -	\$ -	
20200	Financial & Admin. Services	-	-	-	-	-	
20300	Engineering Consultants	-	-	-	-	-	
	Subtotal	\$ -	\$ -	\$ -	\$ -	\$ -	
	Other Services and Charges						
21100	General Liability/Property Insurance	\$ 3,700	\$ 3,675	\$ 3,675	\$ 3,900	\$ 200	5%
21150	Advertising	-	549	824	800	800	
21250	Administrative Services RWSA	-	-	-	-	-	
21252	EMS Programs/Supplies	-	-	-	-	-	
21253	Safety Programs/Supplies	200	556	834	1,000	800	400%
21300	Authority Dues/Permits/Fees	-	-	-	-	-	
21350	Laboratory Analysis	-	-	-	-	-	
21400	Utilities	11,000	8,106	12,159	12,200	1,200	11%
21420	General Other Services	9,000	4,645	6,968	8,000	(1,000)	
21430	Governance Support	-	-	-	-	-	
21450	Bad Debt Write-Offs	-	-	-	-	-	
	Subtotal	\$ 23,900	\$ 17,531	\$ 24,459	\$ 25,900	\$ 2,000	8%
22000	Communication						
22150	Telephone & Data Service	\$ 1,900	\$ 1,339	\$ 2,009	\$ 2,000	\$ 100	5%
22200	Cell Phones & Pagers	100	101	152	150	50	50%
	Subtotal	\$ 2,000	\$ 1,440	\$ 2,160	\$ 2,150	\$ 150	8%
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	\$ 2,681	\$ 4,022	\$ 30,000	\$ -	0%
32150	Equipment Maint. & Repair	15,000	21,151	31,727	15,000	-	0%
32200	Fuel	12,500	8,645	12,968	13,500	1,000	8%
32300	Trailer Maint & Repairs	5,000	4,992	7,488	7,500	2,500	50%

Rivanna Solid Waste Authority
Fiscal Year 2018-2019 Proposed Budget
Expense Detail by Department
RECYCLING

Object Code	Line Item	Adopted Budget FY 2017-2018	Current Year Activity		Proposed Budget FY 2018-2019	FY 2018 vs. FY 2019 Variance \$	FY 2018 vs. FY 2019 Variance %
			Eight Months Actual 2/28/2018	Projected Yearend 6/30/18			
	<i>Subtotal</i>	\$ 62,500	\$ 37,469	\$ 56,204	\$ 66,000	\$ 3,500	6%
33000	Supplies						
33100	Office Supplies	\$ 200	\$ 652	\$ 978	\$ 1,000	\$ 800	400%
33150	Subscriptions/Reference Material	500	700	1,050	1,000	500	
33350	Postage	-	-	-	-	-	
	<i>Subtotal</i>	\$ 700	\$ 1,352	\$ 2,028	\$ 2,000	\$ 1,300	
41000	Operation & Maintenance						
41100	Facility/Equipment Maintenance	\$ 10,000	\$ 16,552	\$ 39,828	\$ 15,000	\$ 5,000	50%
41400	Materials & Supplies	3,500	3,003	4,505	4,000	500	14%
41450	HHW Disposal	-	-	-	-	-	
41500	Contracted Labor	-	11,179	11,200	5,000	5,000	
41550	Material Purchases	29,000	34,662	51,993	45,000	16,000	
41650	Wood Grinding	-	-	-	-	-	
41700	Building Rental	32,400	18,900	28,350	30,000	(2,400)	-7%
41750	Leach Treatment	-	-	-	-	-	
41760	Tire Disposal	-	-	-	-	-	
	<i>Subtotal</i>	\$ 74,900	\$ 84,296	\$ 135,876	\$ 99,000	\$ 24,100	32%
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	-	-	-	-	-	
51223	Cell 3 Dewatering Protocol	-	-	-	-	-	
51224	O&M Cell 3 and P.Plant place holder	-	-	-	-	-	
51300	Paint Pit Remed. - Gas & Vapor Extraction	-	-	-	-	-	
51649	Full Scale EBR - Monitoring	-	-	-	-	-	
51650	Full Scale EBR - Injection & Reporting	-	-	-	-	-	
51660	Greenhouse Gas Monitoring & Reporting	-	-	-	-	-	
51670	Cobalt MNA Monitoring	-	-	-	-	-	
41900	Closure Costs	-	-	-	-	-	
51800	Contingency	-	-	-	-	-	
	<i>Subtotal</i>	\$ -	\$ -	\$ -	\$ -	\$ -	
81000	Equipment						
81100	Small Equipment (under \$5000)	\$ 500	\$ -	\$ -	\$ 1,000	\$ 500	100%
81200	Rental & Leases	-	1,050	1,575	-	-	
81250	Heavy Equipment	-	-	-	-	-	
	Depreciation	11,000	7,333	11,000	22,900	11,900	108%
	<i>Subtotal</i>	\$ 11,500	\$ 8,383	\$ 12,575	\$ 23,900	\$ 12,400	108%
Total		\$ 351,106	\$ 284,491	\$ 433,260	\$ 452,490	\$ 101,384	28.9%

Rivanna Solid Waste Authority
Fiscal Year 2018-2019 Proposed Budget
Expense Detail by Department
ADMINISTRATION

Object Code	Line Item	Adopted Budget FY 2017-2018	Current Year Activity		Proposed Budget FY 2018-2019	FY 2018 vs. FY 2019 Variance \$	FY 2018 vs. FY 2019 Variance %
			Eight Months Actual 2/28/2018	Projected Yearend 6/30/18			
10000	Salaries and Benefits						
11000	Salaries	\$ 8,578	\$ 5,719	\$ 8,579	\$ 101,800	\$ 93,222	1087%
11010	Holiday & Overtime Pay	-	-	-	-	-	-
12010	FICA	656	409	614	7,788	7,131	1087%
12020	Health Insurance	6,799	4,714	7,071	12,240	5,441	80%
12026	Employee Assistance Program & OPEB	-	-	-	25	25	-
12030	Retirement	-	-	-	9,488	9,488	-
12040	Life Insurance	-	-	-	1,334	1,334	-
12050	Fitness Program	-	-	-	100	100	-
12060	Worker's Comp Insurance	-	-	-	1,200	1,200	-
	Subtotal	\$ 16,033	\$ 10,842	\$ 16,263	\$ 133,974	\$ 117,941	736%
13000	Other Personnel Costs						
13100	Employee Dues & Licenses	\$ -	\$ 212	\$ 318	\$ 500	\$ 500	#DIV/0!
13150	Education & Training	-	-	-	1,000	1,000	-
13200	Travel & Lodging	-	-	-	1,000	1,000	-
13250	Uniforms	-	-	-	1,000	1,000	-
13325	Recruiting and Medical Testing	-	310	465	500	500	#DIV/0!
13350	Other	1,700	341	512	2,000	300	18%
	Subtotal	\$ 1,700	\$ 863	\$ 1,295	\$ 6,000	\$ 4,300	253%
	Professional Services						
20100	Legal Fees	\$ 15,000	\$ 16,294	\$ 24,441	\$ 15,000	\$ -	0%
20200	Financial & Admin. Services	14,000	11,501	17,252	15,000	1,000	7%
20300	Engineering Consultants	-	-	-	-	-	-
	Subtotal	\$ 29,000	\$ 27,795	\$ 41,693	\$ 30,000	\$ 1,000	3%
	Other Services and Charges						
21100	General Liability/Property Insurance	\$ 2,000	\$ 1,965	\$ 2,000	\$ 2,200	\$ 200	10%
21150	Advertising	1,500	1,005	1,508	1,500	-	0%
21250	Administrative Services RWSA	409,000	272,667	409,001	460,000	51,000	12%
21252	EMS Programs/Supplies	-	-	-	-	-	-
21253	Safety Programs/Supplies	1,500	887	1,331	1,500	-	0%
21300	Authority Dues/Permits/Fees	9,000	7,084	10,626	10,000	1,000	11%
21350	Laboratory Analysis	-	-	-	-	-	-
21400	Utilities	-	-	-	-	-	-
21420	General Other Services	-	3,713	5,570	6,000	6,000	#DIV/0!
21430	Governance Support	5,000	13,125	19,688	20,000	15,000	300%
21450	Bad Debt Write-Offs	4,000	-	-	5,000	1,000	25%
	Subtotal	\$ 432,000	\$ 300,446	\$ 449,722	\$ 506,200	\$ 74,200	17%
22000	Communication						
22150	Telephone & Data Service	\$ 4,700	\$ 3,102	\$ 4,653	\$ 4,700	\$ -	0%
22200	Cell Phones & Pagers	-	-	-	500	500	-
	Subtotal	\$ 4,700	\$ 3,102	\$ 4,653	\$ 5,200	\$ 500	11%
31000	Information Technology						
31100	Computer Hardware	\$ -	\$ -	\$ -	\$ 1,000	\$ 1,000	-
31200	Maintenance & Support Services	2,500	3,275	4,913	7,000	4,500	180%
31250	Software Purchases	500	39	59	500	-	-
	Subtotal	\$ 3,000	\$ 3,314	\$ 4,971	\$ 8,500	\$ 5,500	183%
32000	Vehicles and Equipment Maint.						
32100	Vehicle Maintenance & Repair	\$ -	\$ -	\$ -	\$ -	\$ -	-
32150	Equipment Maint. & Repair	-	-	-	-	-	-
32200	Fuel	-	-	-	2,000	2,000	-
32300	Trailer Maint & Repairs	-	-	-	-	-	-
	Subtotal	\$ -	\$ -	\$ -	\$ 2,000	\$ 2,000	-
33000	Supplies						
33100	Office Supplies	\$ 1,500	\$ 819	\$ 1,229	\$ 1,500	\$ -	0%
33150	Subscriptions/Reference Material	-	-	-	-	-	-
33350	Postage	50	26	39	50	-	-

Rivanna Solid Waste Authority
Fiscal Year 2018-2019 Proposed Budget
Expense Detail by Department
ADMINISTRATION

Object Code	Line Item	Adopted Budget FY 2017-2018	Current Year Activity		Proposed Budget FY 2018-2019	FY 2018 vs. FY 2019 Variance \$	FY 2018 vs. FY 2019 Variance %
			Eight Months Actual 2/28/2018	Projected Yearend 6/30/18			
	Subtotal	\$ 1,550	\$ 845	\$ 1,268	\$ 1,550	\$ -	0%
41000	Operation & Maintenance						
41100	Facility Maintenance	\$ -	\$ -	\$ -	\$ -	\$ -	
41400	Materials & Supplies	-	-	-	-	-	
41450	HHW Disposal	-	-	-	-	-	
41500	Contracted Labor	-	-	-	-	-	
41550	Material Purchases	-	-	-	-	-	
41650	Wood Grinding	-	-	-	-	-	
41700	Building Rental	-	-	-	-	-	
41750	Leach Treatment	-	-	-	-	-	
41760	Tire Disposal	-	-	-	-	-	
	Subtotal	\$ -	\$ -	\$ -	\$ -	\$ -	
43000	Disposal Contracts						
43100	MSW - Ivy Transfer	\$ -	\$ -	\$ -	\$ -	\$ -	
	Subtotal	\$ -	\$ -	\$ -	\$ -	\$ -	
51000	Ivy Remediation						
41350	Ground Water Systems Maintenance	\$ -	\$ -	\$ -	\$ -	\$ -	
41360	Gas Systems Maintenance	-	-	-	-	-	
51101	Settlement Agreement (Air & Groundwater)	-	-	-	-	-	
51110	Compliance Ground Water Well Monitoring	-	-	-	-	-	
51200	Surface Water Monitoring	-	-	-	-	-	
51223	Cell 3 Dewatering Protocol	-	-	-	-	-	
51224	O&M Cell 3 and P.Plant place holder	-	-	-	-	-	
51300	Paint Pit Remed. - Gas & Vapor Extraction	-	-	-	-	-	
51649	Full Scale EBR - Monitoring	-	-	-	-	-	
51650	Full Scale EBR - Injection & Reporting	-	-	-	-	-	
51660	Greenhouse Gas Monitoring & Reporting	-	-	-	-	-	
51670	Cobalt MNA Monitoring	-	-	-	-	-	
41900	Closure Costs	-	-	-	-	-	
51800	Contingency	-	-	-	-	-	
	Subtotal	\$ -	\$ -	\$ -	\$ -	\$ -	
81000	Equipment						
81100	Small Equipment (under \$5000)	\$ -		\$ -	\$ -	\$ -	
81200	Rental & Leases	1,740		-	1,500	(240)	-14%
81250	Heavy Equipment	-		-	-	-	
	Depreciation	-		-	-	-	
	Subtotal	\$ 1,740	\$ -	\$ -	\$ 1,500	\$ (240)	-14%
Total		\$ 489,723	\$ 347,207	\$ 519,863	\$ 694,924	\$ 205,201	42%

Rivanna Solid Waste Authority
Fiscal Year 2018-2019 Proposed Budget
Expense Detail by Department
Department: Authority Wide Detail

Object Code	Line Item	Adopted Budget FY 2017-2018	Current Year Activity		Proposed Budget FY 2018-2019	FY 2018 vs. FY 2019 Variance \$	FY 2018 vs. FY 2019 Variance %
			Eight Months Actual 2/28/2018	Projected Yearend 6/30/18			
10000	Salaries and Benefits						
11000	Salaries	\$ 549,520	\$ 357,628	\$ 536,442	\$ 789,432	\$ 239,912	44%
11010	Holiday & Overtime Pay	31,500	29,070	43,605	41,600	10,100	32%
12010	FICA	44,448	29,010	43,515	63,574	19,126	43%
12020	Health Insurance	110,384	56,407	84,611	161,554	51,170	46%
12026	Employee Assistance Program & OPEB	126	103	155	175	49	39%
12030	Retirement	39,068	24,109	36,164	69,847	30,779	79%
12040	Life Insurance	6,462	3,898	5,847	9,818	3,356	52%
12050	Fitness Program	250	(86)	(86)	350	100	0%
12060	Worker's Comp Insurance	34,400	30,085	38,827	48,200	13,800	40%
	Subtotal	\$ 816,158	\$ 530,224	\$ 789,079	\$ 1,184,550	\$ 368,392	45%
13000	Other Personnel Costs						
13100	Employee Dues & Licenses	\$ 400	\$ 444	\$ 666	\$ 920	\$ 520	130%
13150	Education & Training	950	2,706	3,742	4,500	3,550	374%
13200	Travel & Lodging	700	-	-	1,700	1,000	
13250	Uniforms	12,500	9,192	13,788	17,300	4,800	38%
13325	Recruiting and Medical Testing	950	766	1,149	1,850	900	95%
13350	Other	3,900	1,320	1,980	3,700	(200)	-5%
	Subtotal	\$ 19,400	\$ 14,428	\$ 21,325	\$ 29,970	\$ 10,570	54%
	Professional Services						
20100	Legal Fees	\$ 15,000	\$ 16,570	\$ 24,855	\$ 15,000	\$ -	0%
20200	Financial & Admin. Services	14,000	11,501	17,252	15,000	1,000	7%
20300	Engineering Consultants	-	882	1,323	45,000	45,000	
	Subtotal	\$ 29,000	\$ 28,953	\$ 43,430	\$ 75,000	\$ 46,000	159%
	Other Services and Charges						
21100	General Liability/Property Insurance	\$ 15,800	\$ 15,517	\$ 15,630	\$ 20,700	\$ 4,900	31%
21150	Advertising	8,500	2,809	4,831	6,800	(1,700)	-20%
21250	Administrative Services RWSA	409,000	272,667	409,001	460,000	51,000	12%
21252	EMS Programs/Supplies	-	-	-	-	-	
21253	Safety Programs/Supplies	2,480	2,840	4,260	4,450	1,970	79%
21300	Authority Dues/Permits/Fees	22,300	15,280	24,120	23,600	1,300	6%
21350	Laboratory Analysis	-	-	-	-	-	
21400	Utilities	31,800	21,833	32,750	33,200	1,400	4%
21420	General Other Services	124,332	65,301	98,952	116,500	(7,832)	-6%
21430	Governance Support	5,000	13,125	19,688	20,000	15,000	300%
21450	Bad Debt Write-Offs	4,000	-	-	5,000	1,000	25%
	Subtotal	\$ 623,212	\$ 409,372	\$ 609,230	\$ 690,250	\$ 67,038	11%
22000	Communication						
22150	Telephone & Data Service	\$ 10,150	\$ 6,112	\$ 9,168	\$ 9,600	\$ (550)	-5%
22200	Cell Phones & Pagers	1,575	1,370	2,055	2,550	975	62%
	Subtotal	\$ 11,725	\$ 7,482	\$ 11,223	\$ 12,150	\$ 425	4%
31000	Information Technology						
31100	Computer Hardware	\$ 1,000	\$ 1,042	\$ 1,563	\$ 2,500	\$ 1,500	150%
31200	Maintenance & Support Services	20,500	4,775	13,163	16,000	(4,500)	-22%
31250	Software Purchases	500	39	59	500	-	0%
	Subtotal	\$ 22,000	\$ 5,856	\$ 14,784	\$ 19,000	\$ (3,000)	-14%
32000	Vehicles and Equipment Maint.						
32100	Vehicle Maintenance & Repair	\$ 41,000	\$ 13,856	\$ 20,784	\$ 45,000	\$ 4,000	10%
32150	Equipment Maint. & Repair	70,000	64,686	97,029	75,000	5,000	7%
32200	Fuel	22,800	15,719	23,579	26,400	3,600	16%
32300	Trailer Maint & Repairs	10,000	5,771	8,657	11,500	1,500	15%
	Subtotal	\$ 143,800	\$ 100,032	\$ 150,048	\$ 157,900	\$ 14,100	10%
33000	Supplies						
33100	Office Supplies	\$ 4,650	\$ 3,129	\$ 4,694	\$ 5,200	\$ 550	12%
33150	Subscriptions/Reference Material	500	700	1,050	1,000	500	100%

Rivanna Solid Waste Authority
Fiscal Year 2018-2019 Proposed Budget
Expense Detail by Department
Department: Authority Wide Detail

Expense Detail by Department						FY 2018	FY 2018
Department: Authority Wide Detail						vs.	vs.
Object Code	Line Item	Adopted Budget FY 2017-2018	Current Year Activity		Proposed Budget FY 2018-2019	FY 2019	FY 2019
			Eight Months Actual 2/28/2018	Projected Yearend 6/30/18		Variance \$	Variance %
33350	Postage	50	26	39	50	-	0%
	Subtotal	\$ 5,200	\$ 3,855	\$ 5,783	\$ 6,250	\$ 1,050	20%
41000	Operation & Maintenance						
41100	Facility Maintenance	\$ 56,000	\$ 67,195	\$ 115,793	\$ 68,000	\$ 12,000	21%
41400	Materials & Supplies	8,500	7,416	11,124	9,500	1,000	12%
41450	HHW Disposal	100,000	61,727	95,000	100,000	-	0%
41500	Contracted Labor	-	11,179	11,200	5,000	5,000	
41550	Material Purchases	29,000	34,662	51,993	45,000	16,000	55%
41650	Wood Grinding	30,000	-	40,000	40,000	10,000	33%
41700	Building Rental	32,400	18,900	28,350	30,000	(2,400)	-7%
41750	Leach Treatment	1,500	724	1,086	1,500	-	0%
41760	Tire Disposal	8,000	3,531	8,297	8,000	-	0%
	Subtotal	\$ 265,400	\$ 205,334	\$ 362,842	\$ 307,000	\$ 41,600	16%
43000	Disposal Contracts						
43100	MSW - Ivy Transfer	\$ 398,225	\$ 280,814	\$ 421,221	\$ 469,586	\$ 71,361	18%
	Subtotal	\$ 398,225	\$ 280,814	\$ 421,221	\$ 469,586	\$ 71,361	18%
51000	Ivy Remediation						
41350	Ground Water Systems Maintenance	\$ 6,500	\$ 5,472	\$ 5,500	\$ 6,500	-	0%
41360	Gas Systems Maintenance	30,000	1,441	28,000	30,000	-	0%
51101	Settlement Agreement (Air & Groundwater)	13,000	6,045	11,000	13,000	-	0%
51110	Compliance Ground Water Well Monitoring	65,000	38,108	65,000	65,000	-	0%
51200	Surface Water Monitoring	15,000	7,813	15,000	15,000	-	0%
51223	Cell 3 Dewatering Protocol	-	-	-	-	-	
51224	O&M Cell 3 and P.Plant place holder	-	-	-	-	-	
51300	Paint Pit Remed. - Gas & Vapor Extraction	5,000	287	5,000	10,000	5,000	100%
51649	Full Scale EBR - Monitoring	29,000	11,631	29,000	30,000	1,000	3%
51650	Full Scale EBR - Injection & Reporting	-	-	-	-	-	
51660	Greenhouse Gas Monitoring & Reporting	5,000	-	5,000	5,000	-	0%
51670	Cobalt MNA Monitoring	3,300	2,398	3,000	4,000	700	21%
41900	Closure Costs	5,000	3,122	3,122	3,500	(1,500)	-30%
51800	Contingency	20,000	-	-	20,000	-	0%
	Subtotal	\$ 196,800	\$ 76,317	\$ 169,622	\$ 202,000	\$ 5,200	
81000	Equipment						
81100	Small Equipment (under \$5000)	\$ 8,000	\$ 1,280	\$ 1,920	\$ 7,500	\$ (500)	-6%
81200	Rental & Leases	1,740	1,050	1,575	1,500	(240)	-14%
81250	Heavy Equipment	-	-	-	-	-	
	Depreciation	64,500	43,000	64,500	73,900	9,400	15%
	Subtotal	\$ 74,240	\$ 45,330	\$ 67,995	\$ 82,900	\$ 8,660	12%
Total		\$ 2,605,160	\$ 1,707,997	\$ 2,666,581	\$ 3,236,555	\$ 631,395	24%

This page left blank intentionally.

Capital Program

Rivanna Solid Waste Authority

Fiscal Year 2018-2019

This page left blank intentionally

Capital Program Expense Projections Detail

											FY 2019-2023 TOTALS
	FY 2018 Adopted	FY 2018 Feb-18 Actual-Expenses	FY 2018 Projection Expenses June	Carry over Carry over	Adjustment Adjustment	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	
Site Improvements or repairs											
New Transfer Station (includes Loader)	\$ 2,087,000	\$ 1,108,771	\$ 2,587,000	\$ 2,587,000	\$ 475,000	\$ 3,062,000	\$ -	\$ -	\$ -	\$ -	\$ 3,062,000
General Site Improvements - Scales	-		-	-	-	-	-	-	50,000	-	50,000
Flare installation	325,000	20,468	20,468	325,000	125,000	450,000	-	-	-	-	450,000
Pond impoundment improvments - Alternative 2						-	141,000				141,000
Landfill Cap Settlement repairs - Phase 1		63,406	63,406	-	-	-					-
Landfill Cap Settlement repairs - Phase 2		-	-	-	-	-	250,000	-	-	-	250,000
Subtotal	\$ 2,412,000	\$ 1,192,645	\$ 2,670,874	\$ 2,912,000	\$ 600,000	\$ 3,512,000	\$ 391,000	\$ -	\$ 50,000	\$ -	\$ 3,953,000
											\$ 3,953,000
Equipment											
Roll-off containers - Ivy and McIntire (replace or repair)	60,000		45,000			15,000	-	-	-	-	15,000
25 Yard container for County Office Building			-			-					
Power pack for Compactors - McIntire	15,000		-			-	-	-	-	-	-
Tires for 938 Loader	18,000		-			-	-	-	-	-	-
New Truck - Small 4x4 (replace 995 - S10 1994)	28,000	28,590	28,590			-	-	-	-	-	-
OCC Compactor - McIntire	-		29,900			40,000	-	-	-	-	40,000
Admin. Vehicle	-		-			30,000	-	-	-	-	30,000
	-		-			-	-	-	-	-	-
	-		-			-	-	-	-	-	-
Subtotal	\$ 121,000	\$ 28,590	\$ 103,490			\$ 85,000	\$ -	\$ -	\$ -	\$ -	\$ 85,000
Total Capital Expenses	\$ 2,533,000	\$ 1,221,235	\$ 2,774,364			\$ 3,597,000	\$ 391,000	\$ -	\$ 50,000	\$ -	\$ 4,038,000

This page left blank intentionally.

Appendices

Rivanna Solid Waste Authority

Fiscal Year 2018-2019

**Rivanna Solid Waste Authority
Fiscal Year 2018-2019**

General Definitions

MSW	Municipal Solid Waste, a.k.a. non-hazardous household and commercial refuse
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
Material Sales - Recycle	Paper and box board sales and related hauling fees
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
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 2018-2019

Authority Staffing Plan		FY 2019 (FTE) FULL- TIME EQUIVALENT	FY 2018 Approved FTE	CHANGE FROM FY 2018	
Administrative	Operations Support Administrator	1.00	0.00	1.00	
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	2.00	1.00	1.00	
	<u>Recycling</u>				
	Operator/Attendant - Paper Sort	0.25	0.25	0.00	
	Operator/Attendant - McIntire	0.50	0.50	0.00	
	Operator/Attendant - McIntire	0.50	0.50	0.00	
	Operator/Attendant - McIntire *	0.50	0.50	0.00	
	Scale Clerks	2.20	1.20	1.00	
	Driver/Equipment Operator	5.00	4.00	1.00	
	<i>Subtotal</i>	14.95	10.95	4.00	37%

* - This PT position was added after the FY 2018 Budget was adopted to staff the additional hours of operations at McIntire.

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	
	Accountant	1.00	1.00	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	
	Software Analyst	1.00	0.00	1.00	
	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	16.00	1.00	

FTE Split with RWSA

FY 2019
FY 2018

SWA FTE's

3.95
3.50

**Rivanna Solid Waste Authority
Fiscal Year 2018-2019**

Cost Allocation for Administrative Services Provided by RWSA

	<u>Base</u>	<u>Percentage</u>	<u>FY 2019 SWA Share</u>	<u>FY 2018 SWA Share</u>
Salaries Total Admin.				
SWA share	\$ 1,231,413	25%	\$ 307,853	\$ 280,255
Benefits Total Admin.				
SWA share	432,259	25%	108,065	87,401
Other Personnel Costs	36,200	25%	9,050	10,250
Professional Services	25,000	10%	2,500	3,600
General Contracted Services	2,200	20%	440	440
Building and Grounds	51,520	15%	7,728	4,050
Communications	20,000	15%	3,000	3,000
Technology	101,000	15%	15,150	13,950
Office Supplies and Postage	22,000	25%	5,500	5,500
Vehicles	10,000	5%	500	269
			<u>\$ 459,786</u>	<u>\$ 408,715</u>
Rounded to {Total shared costs to RWSA}			<u><u>\$ 460,000</u></u>	<u><u>\$ 409,000</u></u>

All other costs	234,924
Less Interest revenue	(44,500)
Administrative cost to allocate	<u><u>\$ 650,424</u></u>

Administration costs allocated to cost centers

Ivy Operations	\$ 162,606	25.00%
MOU Environmental	195,127	30.00%
Ivy Transfer/MSW	162,606	25.00%
Recycling	130,085	<u>20.00%</u>
	<u>\$ 650,424</u>	<u>100.00%</u>

Rivanna Solid Waste Authority
Material Analysis Report
Waste Tonnages
Fiscal Years 2014-2018

		FY 2014	FY 2015	FY 2016	FY 2017	FY 2018 (Jul-Feb)	FY 2018 Projected
Ivy Waste Tonnage Categories							
Clean Fill Material		9,088	5,952	5,889	6,354	3,132	4,698
Grindable Vegetative Material		2,016	1,874	1,560	2,864	898	1,347
Pallets		71	79	55	72	46	69
Tires, Whole		92	133	169	87	53	80
White Goods (Non-Freon)		4	80	13	10	5	8
Total Non-MSW		11,271	8,118	7,686	9,387	4,134	6,201
MSW Tonnages							
Ivy:							
Ivy MSW TS		6,863	7,097	7,761	8,341	5,327	7,991
Total Ivy MSW		6,863	7,097	7,761	8,341	5,327	7,991
Total		18,134	15,215	15,447	17,728	9,461	14,192

This page left blank intentionally.

Rivanna Solid Waste Authority Historical Material Tonnage Report - Recycling Fiscal Years 2014-2018
--

Fiscal Year 2014	Fiscal Year 2015	Fiscal Year 2016	Fiscal Year 2017	Fiscal Year 2018 (Jul-Feb)
------------------------	------------------------	------------------------	------------------------	-------------------------------------

In U.S. Tons**Fiber Products**

Newspaper, Magazines, Catalogs	640	524	512	419	293
Cardboard (Corrugated)	279	278	459	812	534
Mixed Paper and Phone Books	265	212	214	156	133
File Stock (Office Paper)	164	125	125	122	67
Total Fiber Products	1,348	1,139	1,310	1,509	1,027

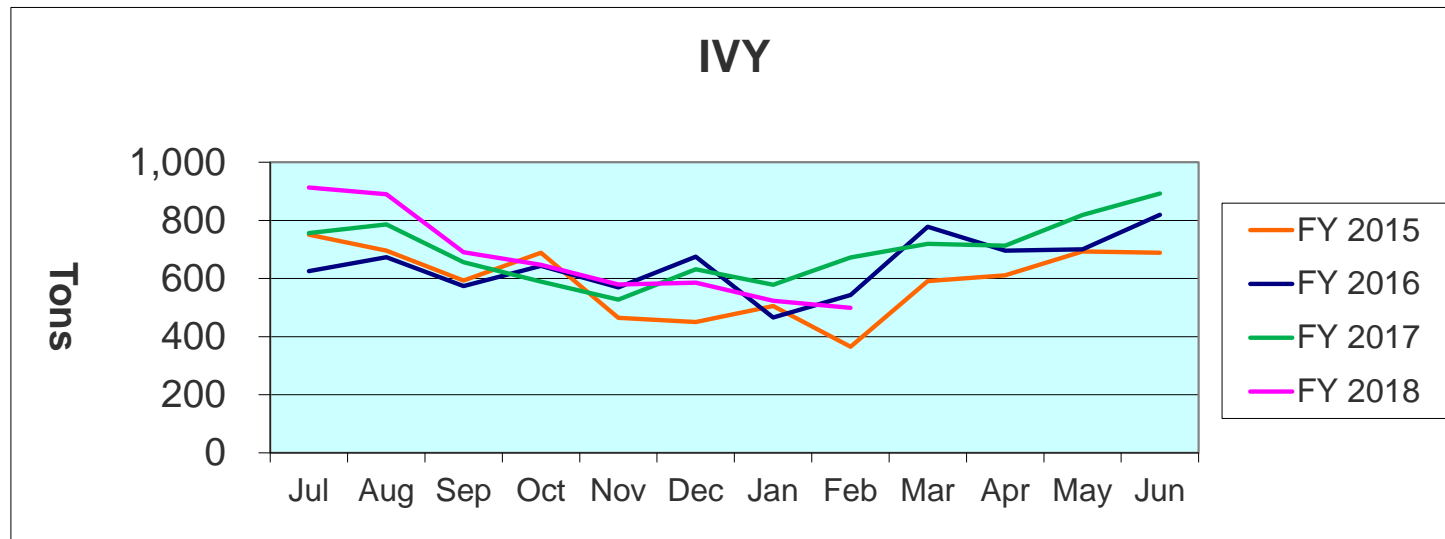
Other Products

Glass	249	219	191	252	203
Metal Cans	34	30	32	31	22
Plastic	98	95	82	86	72
Total Other Products	381	344	305	369	297
Total	1,729	1,483	1,615	1,878	1,324

This page left blank intentionally.

**Rivanna Solid Waste Authority
MSW Transfer Tonnages
FY 2015 - 2018**

Appendix 6



Rivanna Solid Waste Authority
Fiscal Year 2018-2019

Cash Reserve Balances

Operating Cash Accounts

February Ending Balance	<u>\$ 2,639,800</u>
-------------------------	---------------------

Capital Cash Reserves

February Ending Balance	\$ 1,556,321
Estimated additions	21,500
Estimated expenditures	(100,000)
Estimated Ending Balance	<u>\$ 1,477,821</u>

Total Discretionary Funds	<u>\$ 4,117,621</u>
----------------------------------	----------------------------

<u>Trust Fund with DEQ</u>	<u>\$ 176,955</u>
-----------------------------------	--------------------------

Liabilities

Closure and Post Closure *	\$ 5,969,873
Estimated Accounts Payable	80,200
Estimated Accrued Leave	30,000
Estimated Accrued VERIP	156,687
Net Pension Liability	224,516

Total Liabilities	<u>\$ 6,461,276</u>
--------------------------	----------------------------

* The City and County are currently using a local guarantee option as financial assurance to DEQ with the exception of the \$176,955 trust fund for the Transfer Station Closure.

**Rivanna Solid Waste Authority
Fiscal Year 2018-2019**

Local & MOU Support

	<u>Annual FY 2019</u>	<u>Annual FY 2018</u>	<u>Change</u>
<u>County</u>			
Local Support - Ivy	\$ 829,879	\$ 418,888	\$ 410,992
Local Support - Recycling	\$ 231,472	\$ 154,847	\$ 76,625
MOU - Environmental	\$ 195,925	\$ 204,339	\$ (8,414)
	\$ 1,257,276	\$ 778,074	\$ 479,202
<u>City</u>			
Local Support - Recycling	\$ 99,202	\$ 66,363	\$ 32,839
MOU - Environmental	\$ 107,835	\$ 112,466	\$ (4,631)
	\$ 207,037	\$ 178,829	\$ 28,208

Budget

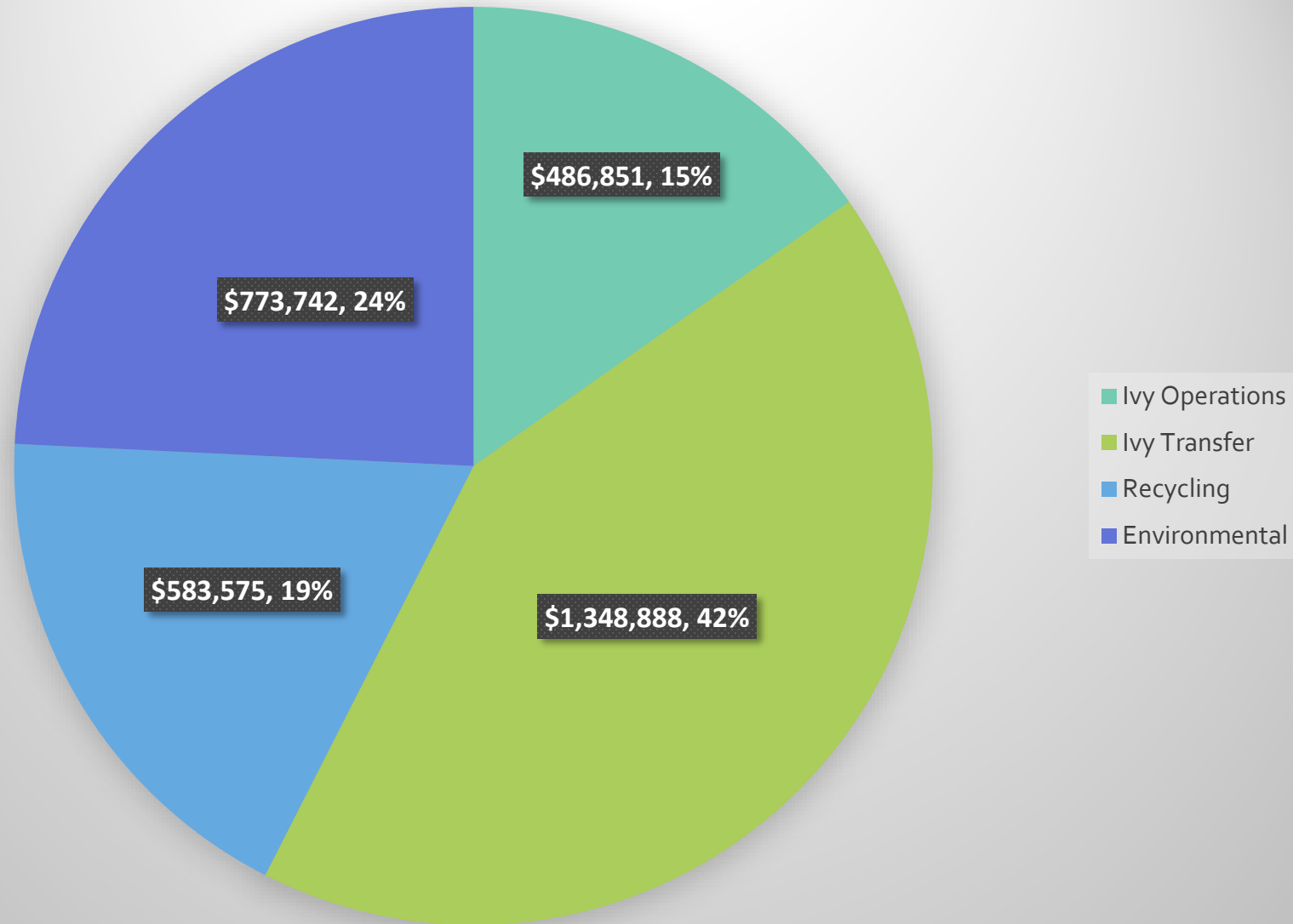
Fiscal Year 2018-2019



Presented by Bill Mawyer, Executive Director

May 22, 2018

Budget \$3.2 M



Budget Summary

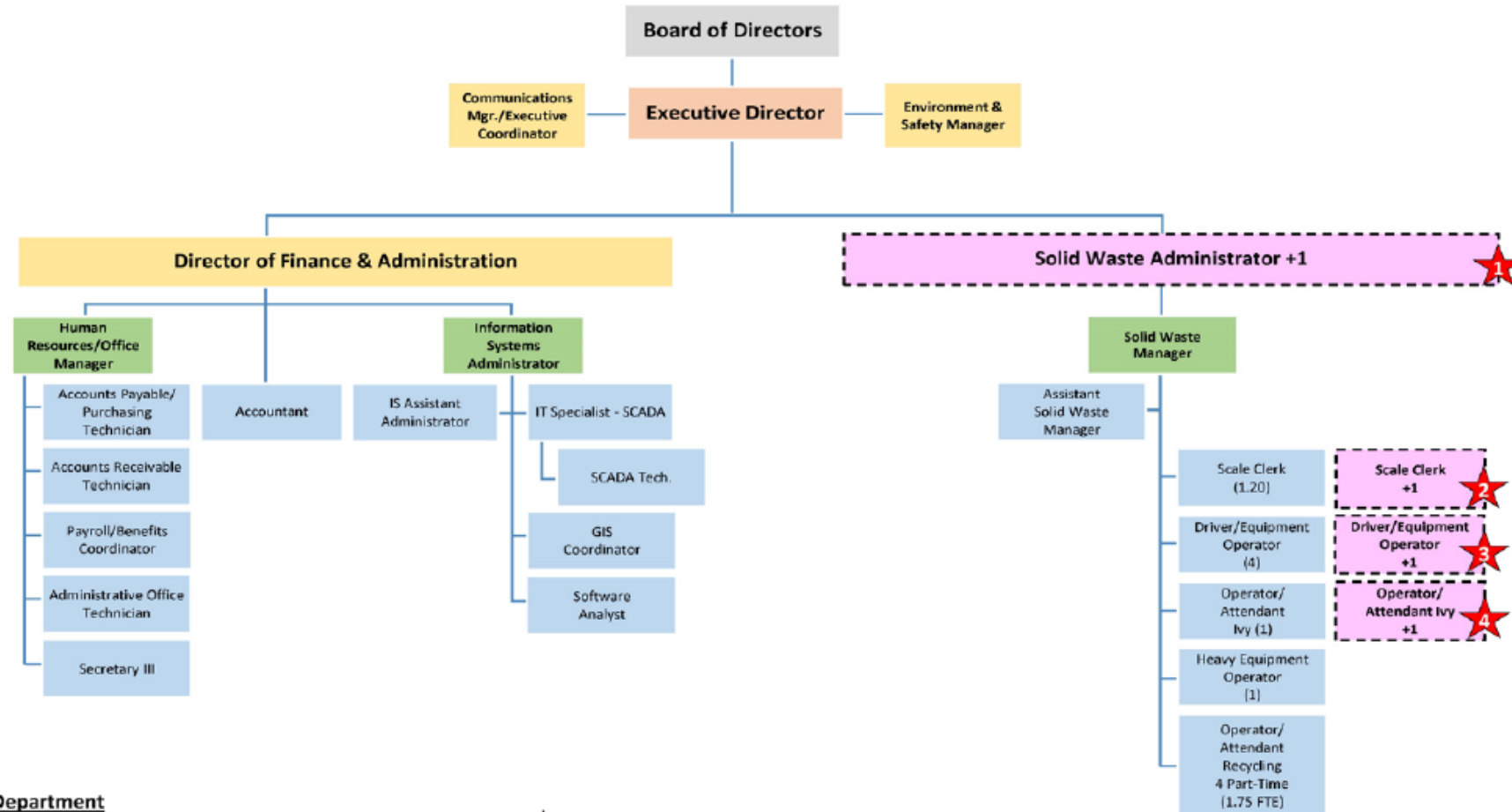
\$3.2 million

- 3% Merit Pool
- 10% Increase in Health Care Costs
- Additional Positions
 - Equipment Operator (Transfer Station)
 - Attendant/Operator (Transfer Station)
 - Scale Clerk (Transfer Station Support)
 - Division Director
- No Change in Tipping Fees (may revisit in the fall)
 - A Compost Fee of \$178/ton for businesses was established
- City and County Support
 - City: \$207,037, an increase of \$28,200
 - County: \$1.25 million, an increase of \$479,000

Rivanna Solid Waste Authority

Organizational Chart

Proposed FY 18-19 Budget



FTE Positions by Department

Department	Current FTE	Proposed FTE	Change +/(-)
*Joint Administrative Staff	16.00	17.00	1.00
Ivy & Recycling Operations	10.95	14.95	4.00

*All positions except for the Solid Waste Administrator position and its reports are Joint Administration.

Joint Administration increase is being proposed by RWSA (Software Analyst).



FY 2019 Proposed FTE Changes

1. Reinstatement of the Solid Waste Administrator position.
2. Current Scale Attendant position staff: 1.20 FTE. Propose position staffing of 2.20 FTE.
3. Current Driver/Equipment Operator position staff: 4.00 FTE. Propose position staffing of 5.00 FTE.
4. Current Operator/Attendant position staff: 2.75 FTE. Propose position staffing of 3.25 FTE.

One employee per position unless otherwise noted in parenthesis ()

FTE Full Time Equivalent

RESOLUTION

ADOPTION OF THE RIVANNA SOLID WASTE AUTHORITY PRELIMINARY RATE SCHEDULE FOR FISCAL YEAR 2019

WHEREAS, Rivanna Solid Waste Authority (the “Authority”) Board of Directors has reviewed the proposed budget and associated rates for Fiscal Year 2019; and

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

NOW, THEREFORE, BE IT RESOLVED that the Rivanna Solid Waste Authority Board of Directors hereby approves the accompanying Ivy Material Utilization Center preliminary rate schedule for the purpose of notification of a public hearing to be held on May 22, 2018 at 2:00 p.m. during the regularly scheduled Board of Directors meeting.

TIPPING FEES PER TON:		TIPPING FEES PER ITEM:	
Clean Fill Material	\$ 10.00	Freon Appliances	\$ 17.00
Pallets	\$ 48.00	Non-Freon Appliances	\$ 9.00
Vegetation/ Yard Waste	\$ 48.00	Passenger Veh. Tire Off Rim	\$ 6.00
Non-Freon Appliances	\$105.00	Passenger Veh. Tire With Rim	\$ 13.00
Domestic Waste (MSW)	\$ 66.00	Large Truck Tire Off Rim	\$ 17.00
Construction Debris (CDD)	\$ 66.00	Large Truck Tire With Rim	\$ 33.00
Compostable Waste	\$178.00		
(Businesses Only)			
Tires	\$190.00		
OTHER CHARGES:			
Minimum Charge (per load)	\$ 6.00	Service Fee Per Ticket:	
Mulch or Lumber Log (per ton)	\$ 30.00	Albemarle County customers	\$ 1.00
Trash Stickers (for set of 12)	\$ 24.00	Other customers	\$ 10.00
Ticket Request (per copy)	\$ 1.00	Hauling Fee Per Load Based on Location:	
Credit Application Fee (each)	\$ 35.00	Minimum	\$100.00
		Maximum	\$142.00
* - This fee applies to businesses and institutions only.			

Questions?

- Public Hearing
- Rate Resolution Adoption