

APPAHANNOCK REGIONAL SOLID WASTE
MANAGEMENT BOARD

MEETING AGENDA

GEORGE L. GORDON, JR. GOVERNMENT CENTER
BOARD OF SUPERVISORS CHAMBERS
STAFFORD, VIRGINIA

November 17, 2021
8:30 AM

CALL TO ORDER / ROLL CALL

- A. APPROVE MINUTES OF SEPTEMBER 1, 2021 MEETING (Tab 1)

PRESENTATIONS BY THE PUBLIC

PRESENTATIONS BY R-BOARD MEMBERS

- B. REPORT OF STAFF (Tab 2)

1. Report of Landfill Superintendent
2. Report of Assistant Landfill Superintendent
3. Environmental Compliance Report
4. Recycling Manager Report
5. Community Outreach Supervisor Report

- C. REPORT ON FINANCES (Tab 3)

1. Financial Summary; FY2021 – through 1st Quarter
2. Weight and Material Analysis; FY2021 – 1st Quarter

- D. NEW BUSINESS (Tab 4)

1. Public Hearing to Authorize Changes to the Fee Schedule Regarding Oversized Loads
RB21-10

CLOSED SESSION (if needed)

NEXT SCHEDULED MEETING

February 16, 2022, Board of Supervisors Chambers, George L. Gordon, Jr. Government Center, 8:30
a.m.

ADJOURNMENT

MINUTES
RAPPAHANNOCK REGIONAL SOLID WASTE MANAGEMENT BOARD
SEPTEMBER 1, 2021
Board Chambers

Meeting Convened: A regular meeting of the Rappahannock Regional Solid Waste Management Board (R-Board) was convened at 8:40 a.m. on September 1, 2021. The meeting was noticed on the R-Board's website.

Roll Call: The following members were present: Matthew Kelly; Fred Presley; Tim Baroody; William C. Withers, Jr.; Cindy C. Lamb; Meg Bohmke.

Also in attendance were: Bill Hefty, R-Board Attorney (via telephone); Rick Markwardt, Landfill Superintendent; Chris Hoover, Assistant Landfill Superintendent; Diane Jones, Recycling Manager; McKenzie Bellimam, Environmental Technician; Francesca Johnson, Community Outreach Supervisor; Karin Stadden, Clerk; and Joe Buchanan, Director.

Election of Officers: Matthew Kelly noted that the Board usually switches off so Stafford would have the Chairmanship in the next round. Mr. Withers nominated Meg Bohmke and Ms. Bohmke accepted, seconded by Mr. Kelly. It was agreed to do all of the nominations at one time. Mr. Withers nominated Mr. Kelly for Vice-Chairman.

By voice, the vote was:

Yea: (6) Baroody, Bohmke, Kelly, Presley, Lamb, Withers
Nay: (0)

Approval of the minutes of prior meeting: Mr. Kelley motioned, seconded by Ms. Lamb, to approve the minutes from the May 19, 2021, meeting.

By roll call, the vote was:

Yea: (6) Baroody, Bohmke, Kelly, Presley, Lamb, Withers
Nay: (0)

Presentations by the Public: The following members of the public submitted a comment:

Tim Rudy – First off, as always, I'd like to thank the members of the R-Board itself for the services that they do for Stafford County and all the men and women who work for you. I'd like to give a couple of special shout-outs, first to MC Morris, I have already touched base with her, and to Joe Buchanan, who I hear is retiring. Congratulations, Joe. Together they both were so easy to work with and so approachable. On a personal note, Joe, thanks for putting up with me and some of the issues I've always brought up before you. I wish you much happiness in retirement. You'll be missed and hard to replace. I hope the Board takes into consideration someone who is easy to work with when they try to replace him.

I've been asked by three separate people that mostly use the Belman Center to give a shout-out and a pat on the back to one of the employees down there, Danny McCary, to paraphrase "he has always been so helpful and friendly." Reading the message that was with an accompanying picture of a sign that he created down there: "[H]e takes pride in his works and keeps that place immaculate. Takes time to interact with every customer and is always willing to help unload items."

The only real issue for improvement that I have to talk to you about is the trailer issue again. It seems as though they are taking up too much time and space at both of the landfill areas and I'd to see us maybe work on that in the coming months to make it easier for the individual customers and users of the landfill.

Presentations by the R-Board:

Mr. Kelly: I just want to take the opportunity to say, MC and Joe, you guys absolutely just hit the ground running and have really turned things around in the time that you have been here. It has been amazing to watch what you have been able to accomplish in the time you have been here and what MC has done to really put the R-Board out there and its now something everybody seems to know what it is and where it is going, so you guys will be sorely missed and we've got quite a job ahead of us trying to find your replacements, so kudos, enjoy your retirement and grandkids in the Carolinas and don't be a stranger. Check in every now and then, we'd appreciate it.

Mr. Presley: Just briefly on that note, I'd like to provide you all with the estimated timeline for that hiring process. I did ask our HR Director, Shannon Wagner, to put something together. She spoke with our Executive Recruitment Consultant and provided this rough timeline. [Handed out printed material] I'll tell you that I'm going to work very hard to shave weeks off of this, particularly off the front end as the recruitment brochure shouldn't need too much work. We worked on that not too long ago, so we are going to try to shave some time off of this and look to hire at the end of November, early December at the latest. Right now, this is the rough timeline provided by the Consultant and we will be working with them over the next week or so refine this timeline; but just to give you all a head's up on what the process is and how we will be moving forward, I just wanted to provide that to you all.

Ms. Bohmke: The only thing I would like to mention is like Mr. Kelly said, Joe, you have really made a difference and I agree with Mr. Rudy, you have been very approachable when I have had complaints in my District, and you tell me to give them your cell phone number. You've been a phenomenal leader and then all the knowledge you brought is really quite phenomenal. I'm very grateful and thankful for those efforts. You have worked very hard, and I wish you the best in North Carolina.

Also, I want to mention, I did have a meeting with MC, she orchestrated this before she left. There are women who happen to all be in Stafford County, but there is no reason we can't include the City in this; and these are people that are all passionate about cleaning up trash. They have recognized in different parts of the County areas that need to be cleaned up. One woman is on Route 17 and another woman, Mrs. Kline, cleaned up around the memorial sign of Jessica Cheney. They have said that there is way too much trash on the roads and that people don't understand that you don't throw things out the window. These women have started an online site and they are going out and cleaning things up. There was also someone there from a state nonprofit, so they are also taking this on, it is not a part of government. They are doing this on their own right now and just trying to make our area and our region cleaner. I'm more than happy to send you a list of those people if you are interested.

Report of the Landfill Superintendent: Mr. Markwardt reported on the following:

Cell F-3 Status: Draper Aden conducted the semi-annual flyover on the 8th of July, giving us the numbers of approximately one and one-half cubic yards of airspace remaining, and that translates to about 4.4 years of life remaining for cells F-1, F-2, and F-3 (this includes the 15% reduction for roads and berms).

Compost: We received a draft copy of the new permit and the fact sheet on September 16th, the staff and Draper Aden have reviewed it. We are compiling a list of questions for the DEQ, and we are going to request a phone conference to discuss these with them.

We were able to trommel some of the City's leaf compost. It produced about 2.8 tons and has been picked up by the City. We have one more pile of their leaf compost to go through which I am hoping to have on our pipe in and drying out by the end this week, so a couple of extra weeks and I should be able to trommel that and we are looking at about 2.8 tons for them.

New Equipment: FY22 authorized the leasing of three new pieces of equipment, 1 Excavator, 1 Dozier, and 1 Compactor from Carter Cat. The lease has gone through the County, through the R-Board attorney, and is at Carter Cat awaiting their signature to come back to us.

Report of the Assistant Superintendent: Good morning, Madam Chair, Members of the Board, my name is Chris Hoover, I am the Assistant Landfill Superintendent and I'm going to be going over the Staffing Report.

Personnel Status Update :

Staffing: Currently the R-Board has a total of 29 full-time staff members and four part-time staff members. More recently we have been able to utilize the help of our Camp 21 Detention

Center offenders and rely less on the temporary labor agencies that we have relied on in the past. The Camp 21 Detention Center does have some COVID restrictions in place and are currently sending only fully vaccinated individuals.

For employee departures, as you know, MC Morris, who was our Landfill Community Outreach Supervisor, has taken another position in the City of Fredericksburg. Joining us today is Francesca Johnson. She comes to us with a bachelor's degree in media studies and a master's in advertising and remarkable job experience. We look forward to her joining the team. Her official start date will be September 7th.

During her time with us, MC developed a program that helped keep the streets of Stafford and the City of Fredericksburg clean. The R-Board wanted to ensure that this program continued and have hired an outside administrator, Joyce Brent, to keep up with that. Currently she is working with over 50 probationers to pick up litter around the streets of Stafford County and the City of Fredericksburg.

Two additional departures, John Becker, Landfill Community Center Manager, and Adam True, Landfill Maintenance Worker left in the month of August. We have been able to fill one of those positions so far, Landfill Maintenance Worker, and starting September 7th as well.

Also, Joe has been a great mentor to all of us at the landfill and he will surely be missed and hard to replace.

Training: For training and career development we have continued to monitor our COVID 19 protocols and have reinstated wearing masks inside our buildings unless we are in our own individual office space. Staff has also continued to work on Cornerstone and do the free training programs that are offered there.

MacKenzie Bellimam attained certification as a Stormwater Program Administrator with the Virginia DEQ.

I am pleased to announce that Parks, Recreation and Community Facilities had their first in-person safety meeting since the pandemic began and we were able to send six of our staff members there. It was presented by the Stafford County Emergency Management Department and now all six of those staff members are trained and certified in Stop the Bleed training.

Accolades: Pictured in your packet is Mark Ward. He supervised the construction of some boxes made by a local Scout Troop and those boxes over the years have recycled hundreds of pounds of electronic devices preventing these items from being discarded in the landfill.

Diane Jones has worked with a local group to increase the amount of recyclable material we take in for electronics. Diane will address that, but I wanted to thank both of them for

continuing to find new ways to recycle and repurpose these items and keeping them out of the landfill.

Environmental Compliance: Good morning my name is MacKenzie and I'll presenting the Environmental Compliance Report.

We had a DEQ compliance inspection in late June. The DEQ inspector noted areas of exposed waste and rills, thus issuing a deficiency letter. The Board corrected those deficiencies of noncompliance in a timely manner and DEQ approved the execution.

Update on the Consent Orders regarding the State Water Law regarding the wetland detrimation. The R-Board has worked with RES (Resource Environmental Services) to amend and restore areas of destabilized wetlands. Trees and grass have been planted in those efforts as well as stabilizing our soil stockpile which sits upstream of that discharge area. In addition, the civil charge of \$39,000 was paid in full at the end of July.

Regarding the Solid Waste Management Board Consent Oder, we are currently in a probationary period until the end of December with DEQ to monitor all issues regarding exposed waste and rills. In addition, the charge of \$11,375 was paid in full at the beginning of September, which was actually paid last week, in August. In those efforts we have actually brought in 6,000 tons of topsoil to help stabilize the slope areas. The soil that is on our site is ridden with acid sulfate properties, which means that grass will not grow in those areas because the chemistry qualities. To rectify that, Chris Hoover has been working extremely well with local contractors and construction builders to bring in that soil and establish a really good area for vegetative growth.

We conducted our semi-annual storm water monitoring where we collected samples from our outfalls for our discharge monitoring required by the state.

Lastly, an update on Draper Aden. As stated in the Superintendent's report, Draper Aden conducted a flyover of our facility. Another point is that our groundwater monitoring system has entered an alternative source demonstration at the request of Draper Aden due to monitoring concerns of the groundwater. We are still waiting to hear back from DEQ about this monitoring period. Lastly, Draper Aden conducted a walkthrough of the facility to address concerns about our gas emissions on site, which will then help with our Title V permit required by the state. Thank you.

Ms. Lamb inquired as to the alternative source demonstration and Ms. Bellimam explained that the alternative source demonstration is done in efforts to identify areas of significant increases in certain parameters and monitoring the area.

Ms. Bohmke inquired as to the civil charges and the comparison with neighboring counties. Ms. Bellimam stated that her research, especially coming from the State Water Control Board, our fine was significantly lower than that of our surrounding neighbors. In Prince William County in the year 2012, they had a detrimated wetland that ended up costing them about \$60,000 and that was after a reduction. She went on to say that they are working with RES and Draper Aden to create a restorative correction action plan which really highlights what we have been doing to mitigate these kinds of problems, i.e., stabilizing stream areas with trees to help with soil erosion, and introducing native grasses as recommended by RES.

Recycling Manager Report: Diane Jones reported on the follow:

Household Hazardous and Electronic Waste Collection Day Program

The program was held on June 12, 2021, at the Stafford Regional Airport. Thank you to the Airport Authority for allowing the R-Board to do this program on their property. A record number of residents participated. (868) Some statistics included: 13,710 gallons of materials collected, four 55-gallon drums of small batteries, 560 pounds of cardboard was recycled, and R-Board staff collected 13,560 pounds of latex paint which was hardened and landfilled. The Stafford Middle school Leo's club collected the electronic waste. They received over 6,000 pounds of material. We are in negotiation now with the Airport Authority to secure the site for future programs.

Electronics Recycling

In May, the R-Board was approached by Stafford Middle School Leo's club. The club wanted to enhance the electronics' recycling collection program at Eskimo Hill Residential drop-off site. An agreement setting forth terms has been signed. The collection program will be year around. A multitude of items can be recycled including microwaves and smoke alarms. The only items not able to be collected will be old TV's and Cathode ray tubes (CRTs) The Leo's have provided all materials needed and will maintain the site. They are insured. 100% of any proceeds they receive will be given back to our community.

Single Stream Update

Staff performed an RFP for the handling of recyclables. Three responses were received. An evaluation committee found Tidewater Fibre Corporation, "TFC" to be the most responsive. Key points of the RFP include:

- Significant expenditure savings compared to the current contract.
- Compactor rental fee reduced by 50%
- 100% revenue market split for processing costs. (current contract is at 50%.)
- Increase in transportation costs. (from \$315 to \$360 per load.)
- Potential to provide intermediate processing which would increase revenue.

- Potential to improve system for others in the market.

A resolution requesting approval to award a contract to TFC will be presented to the Board later in this meeting.

A “Rethink Day” is being coordinated with Habitat for Humanity. It is slated for November 6, 2021. It will be held at the Belman Road Residential Drop-off site. Habitat will be asking for larger items for reuse such as furniture, fixtures, unused building materials.

Litter Control and Education Outreach

Department of Environmental Non-Competitive Litter Prevention and Recycling Grant

The FY22 grant application was submitted. The report requires submission of program activities for the year prior. Some highlights include:

- 4,024 volunteer hours were received.
- 128,600 lbs. of roadside litter were collected.
- 94 probationers cleaning roads were managed.
- The total value of the free clean-up hours \$109,304.

It was noted that M.C. Morris, Community Outreach Supervisor has moved on to a new position with the City of Fredericksburg. Her replacement was introduced earlier, Francesca Johnson. A part time contract position has been put in place for the management of the probationary road cleaning program. This position will be paid out of the Litter Grant funds.

Outreach

Outreach work this quarter included:

- Partnership with local radio station B101.5 which gave the R-Board substantial promotional value.
- Landfill tour and activities with the Colonial Forge Commonwealth Governor’s school.
- Leo’s new recycling electronics program made front page of the local newspaper.
- The formation of a new group the “Litter GetHERS” of which Supervisor Bohmke supports will be focusing on litter prevention efforts as well as environmental education.

Questions post presentation included:

- Because we are changing contractors will what we can recycle change? No all will be the same.
- How about glass. Are we still encouraging the public to separate? Yes
- We originally had an agreement with Goodwill to collect reusable items. What is the status of that agreement? Staff continues to work with them to return. Goodwill is saying the inability to secure staffing for the program is the issue.

Report on Finances: Mr. Buchanan reported on the following:

Financial Status – For last year unaudited, FY2021, revenue came in above budget and expenses came in below budget. That included the \$3,000,000 that we used for the F-3 Cell. F-3 Cell is completely paid for. The total came in, we expected it to be in the \$4.2 [million] range and it is a little below \$4.2, that included the fines that went when we did the DEQ and I'm going to touch on that very quickly. You had asked, Ms. Bohmke, about DEQ earlier with regards to how we rate with other landfills on other sites. We self-reported that first incident, it is a large incident. Generally speaking, when you self-report it should be a lower fine because you are taking responsibility and corrective action to mitigate it. We found some areas that needed to be addressed, and as opposed to trying to repair without, we took the high road with the DEQ. That established what we did. Normally, that fine should not have been there, but unfortunately, they chose to go ahead and fine us anyway. They did reduce the fine from the original, I think we had a 20% reduction from the original. But that was all included with the F-3 package, so we were able to get everything built and done and as far as going forward, bringing that soil in that MacKenzie had talked about, is huge. We were able to bring that in at no charge. What that meant it is they were able to bring it into the site that we wanted it to, so we were bringing it into the top of the slopes and able to push it down which is, as everyone knows, the pH level of the dirt in Stafford County is, we are looking for a pH of 6 and our soils are at a pH of 3. By adding good soil, we are able to establish this and in September we are going to hydroseed and that will take care of our slopes. Chris Hoover has done a wonderful job of getting all of that prepared.

Going back to the numbers for FY2021, everything came in below projected numbers. We look extremely well. Going to the first month of FY2022, all of the numbers were above projection for revenue and below projection for costs. These figures are unaudited, there could still be some movement with auditing the first three months. At this point however, finances are in good shape.

As far as money in the bank, we used what we anticipated for the building of F-3 and we still have over \$13,000,000 in reserves.

As far as closure and post-closure, we are still in the \$9,000,000 range, so we still have a good cushion.

Regarding weight and materials, we always look at year-over-year. We are within 1%. 2% of last year where our materials were coming in, so we are getting a good flow, our commercials picked back up and the residential is starting to slow down and that is because people are going back to work so the trash is coming in from a different source, we have a higher volume with the commercial and the commercial will bring in more revenue.

New Equipment - We had in our budget for FY2022 a tarping system. It was at a cost of \$75,000. As part of our memorandum, we are not asking for a resolution, but are requesting alternatively to use that money for purchasing a Posi-Shell type system. I know back in 2016-17 they had done a quick study on that at the landfill and decided not to use it. We have reached out to several of the other landfills in our area and they have been very successful. It also helps to mitigate the problems with our dirt. We will be able to add additives using a sprayer system. What we are going to do is, instead of buying the tarping system, we are going to do a Posi-Shell system. The Posi-Shell system is \$72,000 so it is in the same price, we fill we can cover materials at a cheaper rate on a daily basis and make better use of manpower. Currently we are moving dirt and liner systems and it is taking three to four hours every day. With the Posi-Shell system we can do it in 30-45 minutes and so we will cut down a lot on our labor and our cost. So that is the reason we are going to recommend going to the Posi-Shell and we have also got several, Spotsylvania is one, that we set there and observed them placing it on and it helps with exposed waste and rills that MacKenzie talked about before because when you spray this on it stays there, as opposed to the dirt that washes away you can reapply it and do it in a very short period of time. The beauty of it is that the Posi-Shell applicator is basically a hydro seeder, so you get a piece of equipment that is used for several different uses as opposed to just using it for covering every day.

Ms. Bohmke: Are there any health risk with that chemical for any of our employees? Do they wear a mask when that applicator is...?

Mr. Buchanan: They will use a mask when they do the application of that, but it is proven, it has been around 20 odd years and it's been a proven entity and they continually get it better. Years ago, it wasn't as good an applicator as it now, they have made some drastic improvements and we think that health wise for the employees we don't any problems with that it has been proven that that has not been a problem.

Mr. Buchanan: So, we have two Resolutions that we'd ask to be voted on today. The first one would be our Public Hearing for our trailer fees.

Ms. Bohmke: This would be RB-08

Mr. Kelly: Madam Chair may I ask a quick question back on Finance?

Ms. Bohmke: Yes

Mr. Kelly: First off, I want to thank the staff and everybody's hard work here because I was on the R-Board at a time when we just paid everything in cash, it was no big deal, we just write a check, bought it. Then I came back on, and it wasn't quite as robust as it once was, train wreck would be a good description. Through your hard work we are back to a point where we have funds in the bank, we are relatively stable. The reason I ask that is, and I think one of the other problems we aren't going to have Joe with you leaving is we've talked and talked about having some type of brain-storming on where we are going with waste management because obviously the industry is changing and we are going to have to change with it, both with regards to recycling and composting and how we handle trash and we need to get kind of a handle on what that direction is, from the standpoint that we are starting to build back our reserves and I know we have a lot of funds currently available, but it would be nice, maybe at the next meeting, and I know that's going to be on somebody else's shoulders, is projecting out what is undesignated versus designated funding, because I know we have a lot of equipment that we have to buy and we have to do these things. So what cushion are we really looking at with regards to these numbers. I'd really like us to start talking about okay, if we are going to have to start taking a shift in the way we deal with this, can we start banking some of that money now, to be in a position where we can make shifts, which gets back to the conversation of what the heck are we going to be doing with trash in the next 20 years, which is not probably the way we are going to be handling it today. So, if we can get some sense of that financial component, designated versus undesignated with funding and maybe some idea of what we should be looking at both on the composting, recycling and even trash handling components so we can start having a good conversation on where we are going to go in the next few years.

Mr. Buchanan: I want to address some of that, just right now, and there will be a longer answer, but the short answer is for FY2022, we were able to bank \$500,000. We were able to do that through doing a lease program with our capital equipment as opposed to doing a straight purchase as you said, write a check for it. It will put us on a program for years going forward that we can do a replacement system based on three or four years as opposed to waiting eight years until the equipment has failed and so this will put us in the program so that we will have redundancy of the equipment and be able to put money in the bank as opposed to using it for capital expense. We are able to put money forward for building of Cells, capping of landfill, for all those different things that are needed, because it was proof in the pudding when we were able to self-pay for Cell F-3 as opposed to having a loan type scenario. Going forward we are looking to have a program with Caterpillar to continually be able to replace the equipment going forward and is staff has done a very good job of finding ways to do, keep materials out of the landfill. That is our goal. Even though we are a landfill company, we still want to make sure that we are keeping materials as much as we can out of the landfill. So, we will get, I still have one more meeting left in me, so we still will have, I will get you a five-year plan on the financial side showing the equipment, the cost of what we are looking at going forward and what you can expect.

Mr. Buchanan: So, we will have the Resolution

Ms. Lamb: It is related to that. When we talked about the lease program before, which you brought to us, which is a great program, and thank you for doing that, but I wondered why we weren't doing that for the Posi-Shell Applicator. Why aren't we leasing that instead of buying that?

Mr. Buchanan: They don't offer the same program. Caterpillar we are taking advantage of a program that they only offer to municipalities. Posi-Shell will do it but it's like at 18% and for that, and we already had the funding set aside for the tarping system. We felt it would be in our best interest to do it on a purchase.

Ms. Bohmke: Don't we have an established relationship with a bank where they could loan us the money. I mean the interest rates are still at an all-time low. It may not be at 2% like for municipalities, but I mean, I would think it would be four or five maybe, over a three- or five-year period. Have we looked at that? I just hate to pay cash for things right now when rates are so low.

Mr. Buchanan: Agreed and no, we have not looked, as far as getting the banking and such. What we did not want to do is, one, I think this is a Bill Hefty question, I don't think we can do loans only based on if you have a non-appropriation clause involved. To go through the bank, they have a problem with that because you can't go beyond one year because we have to have a voted-on budget. And so, Caterpillar allowed us to do a non-appropriation clause so every year, even though it is a four-year lease, we have to renew it every year.

Ms. Bohmke: So, in essence, I used to be in that business of public finance, so the whole non-appropriation versus appropriation while Caterpillar doesn't require that, they have to require it because it is state law. While it is not in their Agreement, we have to appropriate the funds each year, so if we came back next year and said we aren't appropriating any funds, sorry you are out of luck, they can come and repossess all of the equipment that was on that Lease, so I think that even though the bank may have a non-appropriation clause, it doesn't matter, we are going to appropriate the funds if we have the money, so I would appreciate you looking into that if you could.

Mr. Buchanan: Absolutely.

Mr. Withers: My guess is that the City and Stafford would have to guarantee such a loan. I don't think they would do it on this R-Board, I'm not sure, you are starting to get into a really complicated situation here with a loan from a bank. I can't imagine we would have the authority to borrow that kind of money without a guarantee from the County or the City, so you might want to consider that also.

Ms. Bohmke: Okay. Moving to our Resolution on our favorite subject, trailers. I'm so appreciative that you brought this back. We have RB21-08 is there a motion?

Mr. Kelly motioned, seconded by Ms. Lamb, to adopt proposed resolution RB21-08.

Discussion:

Mr. Kelly: I want to thank you for coming up with kind of hopefully something that everybody can live with in reducing some of the fees with regards to the trailers. My biggest concern here is we are jumping around to deal with a symptom which is what you are saying in here is commercial haulers bringing stuff in under the wire we will put it, and I'm assuming from reading this report it is pretty much a regular issue. My question is, more of a question to Stafford County I guess, what actions can we take, even if we were to spot check on a random basis and get something...I'm trying to figure out how we deal with this, because the real issue is commercial haulers trying to get under the wire which is costing everybody else in this community some money. My guess is from reading this report, you guys have got a pretty good idea of who some of these firms are who are doing this. I don't know if we have to sit in a room with them and have a nice little quiet chat, or what legal actions we can particularly take, either spot checking and saying, hey, if we want to see what the load is, I want you to sign a piece of paper saying you are telling me this is a legal load to come in under residential, something to try to curb this activity, again, we have come here numerous times, we are making the people who are law abiding citizens pay for what somebody else is doing which is not lawful and I'd rather see what we could do deal with that issue. I have no problem with this, because this does provide some relief in what you are doing and I appreciate that, but we have got to come up with something to deal with this issue, the core reason for what we are doing. Thank you.

Mr. Buchanan: Again, we have talked to several landfills in our community and area, and they do have this problem, historical, it's always been a problem. We've worked with staff; we try to be reasonable in our expectations because there are sometimes when someone comes in and we know it is residential but they come in in a commercial looking vehicle and so we have to make decisions on the ground, and we have empowered our people to make those decisions. We've also worked with some of the people that have come through and said, "this is a onetime event, we will not allow it to happen again" and so we have started to enforce that, we just haven't drawn a line in the sand where we are going to get into a physical altercation because that has gotten close to that point. We've used the Sheriff's office at some times, but at the same time we have to be reasonable in our expectations. So, we aren't going to catch everyone, we know that, it's just going to be unfortunate. When someone comes in with a U-Haul and its full of roofing material or something of that nature, we have stopped that, and we have caught that, and it's been through communications to the staff, and they have done a very good job with that. At the same time, again, we do not want to get into that physical altercation which the people that cause the problems are the loudest. We are working on that. On the trailer side, we want it to go from the five to the twenty we wanted to put an equitable size in there so that it would address it to be a more fair distribution of how it is paid, so it is from \$5, \$10 and \$20 is what we are looking at with a public hearing and so that will give everyone as opposed to going from \$5 to \$20, which is the big argument, we will be able to go \$5, \$10, and \$20.

Mr. Kelly: If I can, I understand what we are trying to do, and I'm assuming that if somebody is "caught" that we tell them to take it over to the commercial hauling and pay there. I think we need to go...I used to do insurance work for the City of Virginia Beach. Virginia Beach did something. They went ahead and an issue and they realized it was becoming worse of an issue, and they basically paid a lot of money up front to deal with the issue on the understanding that on the back end it would even itself out and become better and it did. So what I'd like to know if my colleagues agrees, if there is, what is our legal next steps, what are the costs associated with those and let us have a conversation because again, from reading this report and we continually have this discussion and we are saying we are trying to take care of it, we are dealing with it the best we can, yet we keep putting the loss on our residents. I would rather we, if we have to, put a little up front and take a little effort and a cost and hopefully send a message that this is just not acceptable and take it. Instead of "oh go take it over to commercial" there has got to be something we can do to say "you know what? You are going to have pay extra for that or do this." Something to take it to the next level. We might not adopt it, but I would like to know what that would be.

Mr. Buchanan: And again, I only have one more meeting, so this would be to my successor, what I would recommend is still to go to weights. Until you get to where you weigh everything that comes in there you are not going to get an equitable all across the board, because then you are going to find that the average person has 38 pounds per week, we know that, it is historical, we know what they should have. We look at the total population of both Fredericksburg and the County of Stafford and that's how we come up with are we getting our reasonable amount of material coming in. We are within a percentage point, so what do we do to prevent the commercial? The only way you are going to do that is through a scaling system. What I would recommend a third gate and the third gate would have a nice scale system, but you are looking at close to a million dollars to do that. We want to have that study done this year so that we can say this is what we propose going forward, that was my plan.

There was discussion about how altercations were handled at the site and how often the Sheriff's Department had to be called and how there are records kept for repeat offenders.

Ms. Bohmke: Okay we have a motion and a second, any other discussion? Alright.

By voice, the vote was:

Yea: (6) Baroody, Bohmke, Foley, Kelly, Lamb, Withers

Nay: (0)

RB21-08 reads as follows:

A RESOLUTION TO AUTHORIZE A PUBLIC HEARING TO CONSIDER CHANGES TO
THE FEE SCHEDULE REGARDING OVERSIZED LOAD FEES

WHEREAS, on May 15, 2019, the R-Board adopted resolution RB19-02, which established an oversized load fee; and

WHEREAS, this fee allows trailers over 8-feet in length carrying solid waste to be charged a fee of \$20; and

WHEREAS, staff allowed exceptions to the rule by allowing residents to transport solid waste in trailers with up to four (4) 100-gallon trash bins for a \$5 fee; and

WHEREAS, staff would like to review and make appropriate adjustments to the fee; and

WHEREAS, staff recommends a public hearing to consider all options;

NOW, THEREFORE BE IT RESOLVED, by the Rappahannock Regional Solid Waste Management Board on this the 1st day of September 2021 that the Landfill Director be, and he hereby is authorized to advertise a public hearing to consider oversized load fee rate changes.

A Copy, teste:

RAPPAHANNOCK REGIONAL SOLID WASTE
MANAGEMENT BOARD

Joseph A. Buchanan, Director

Ms. Bohmke: Alright we have one more public hearing this is RB21-09 this is the Resolution for Tidewater Fibre Corporation to provide the collection and processing of the recyclable materials that Diane spoke about. Is there a motion?

Matthew Kelly motioned; Cindy Lamb seconded. No discussion.

By voice, the vote was:

Yea: (6) Baroody, Bohmke, Foley, Kelly, Lamb, Withers
Nay: (0)

RB21-09 reads as follows:

A RESOLUTION TO AUTHORIZE A CONTRACT
WITH TIDEWATER FIBRE CORPORATION TO PROVIDE COLLECTION
AND PROCESSING OF RECYCLABLE MATERIALS

WHEREAS, the Rappahannock Regional Solid Waste Management Board, (R-Board) must comply with DEQ regulations requiring that a mandated recycling rate to meet or exceed 25%, based on the requirements established in 9VAC20-130-125.A of the planning regulations; and

WHEREAS, the R-Board desires to promote environmentally positive waste management through the recycling of waste materials in the most responsible and economically advantageous manner; and

WHEREAS, proposals were solicited from firms interested in providing services to receive and process single stream materials from the R-Board; and

WHEREAS, three firms responded to this proposal; and

WHEREAS, following evaluation by staff, Tidewater Fibre Corporation was found to have offered the most responsive proposal; and

WHEREAS, staff recommends awarding this contract to Tidewater Fibre Corporation;

NOW, THEREFORE BE IT RESOLVED, by the Rappahannock Regional Solid Waste Management Board on this the 1st day September 2021, that a contract with Tidewater Fibre Corporation for an initial period commencing October 1, 2021, to September 30, 2022, with the option to renew this contract for additional annual periods to be negotiated and approved by both parties.

A Copy, teste:

RAPPAHANNOCK REGIONAL SOLID WASTE
MANAGEMENT BOARD

Joseph A. Buchanan, Director

Adjournment: Mr. Withers motioned; Ms. Lamb seconded. The meeting was adjourned at 9:30 a.m.

Future Session: A regular meeting will be held on November 17, 2021, at 8:30 a.m.

Joseph A. Buchanan, Director

Karin A. Stadden, Clerk



Rappahannock Regional Solid Waste Management Board

489 Eskimo Hill Road • Stafford, Virginia 22554 • 540-658-5279 • FAX 540-658-4523

To: R-Board Members

From: Rick Markwardt, Landfill Superintendent

Date: November 10, 2021

RE: Report of the Landfill Superintendent

Cell F-3 Operations

Cell F-3 is filling without any issues at this time. The next flyover to determine remaining airspace will be around January 1, 2022.





Rappahannock Regional Solid Waste Management Board

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Compost

The new Compost Permit is in the final stage. It is currently published for public comment with a closing date of December 2, 2021. If no comments are received, staff could have the new permit issued within a couple of weeks.

New Equipment

FY22 authorized the leasing of three new pieces of equipment, 1 Excavator, 1 Dozier, and 1 Compactor from Carter Cat. The leasing terms were returned from Carter Cat with changes. The R-Board Attorney has approved these changes and returned the lease to County Procurement, where it is currently in the review process.



Rappahannock Regional Solid Waste Management Board

489 Eskimo Hill Road • Stafford, Virginia 22554 • 540-658-5279 • FAX 540-658-4523

To: R-Board Members

From: Chris Hoover, Assistant Landfill Superintendent

Date: November 17, 2021

RE: Personnel Report

Staffing:

The R-Board is currently authorized for a total of 42 staff positions. At this time, 33 full-time and 4 part-time positions are filled.

Makenzie Bellimam, the R-Board's Environmental Technician took on a new position with the City of Fredericksburg. We are currently in the interview process to fill her position.

Jared Kosyzk, Heavy Equipment Operator II, also left the landfill and now works for the Department of Utilities.

Daniel Gresham, Heavy Equipment Mechanic II, left the landfill after obtaining another mechanic position.

For new hires we have had several new staff members join the team since our last meeting. Michael Estur and Charlie Morrow were hired as Maintenance Worker I staff members. Zach Johnson and Carlus Logan were hired as Heavy Equipment Operators.

Luis Beltran was selected to fill the Heavy Equipment Maintenance Supervisor Position. He will be joining the team on November 22nd.

Accolades:

Julius Brandon who was hired as a Maintenance Worker II in October 2020 was recently promoted to a Heavy Equipment Operator I.

Cameron Morrow obtained her Class B Commercial Driver's License and was promoted to Heavy Equipment Operator II.



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Training and Career Development:

All staff has completed a new SWPP training/exam that was made and put onto Cornerstone by our Environmental Technician.

Will Graham obtained a DEQ Certification as a Responsible Land Disturber.

Rick Markwardt, Michael Cross, Susan Carpenter, and Dennis Kenworthy all virtually attended a full day session of presentations and discussions on Virginia and Federal solid waste issues and regulations through SWANA (Solid Waste Association of North America).



Rappahannock Regional Solid Waste Management Board

489 Eskimo Hill Road • Stafford, Virginia 22554 • 540-658-5279 • FAX 540-658-4523

TO: R-Board Members
FROM: Chris Hoover, Asst. Landfill Superintendent
DATE: November 17, 2021
RE: Environmental Compliance Report

VA DEQ Compliance Inspection Report:

SW Permit No. 589: On September 10, 2021, the Virginia Department of Environmental Quality staff conducted a compliance inspection of the solid waste management facility. During the inspection, DEQ staffed observed no deficiencies.

Environmental Compliance Training:

Stormwater: Spill Prevention Controls & Countermeasure training was developed for staff per state requirement. All staff completed training on how to respond to spill incidents.

VA DEQ Issue of Notice of Violation:

Referral NOV No. W2021-08-N-0008: On August 20, 2021 VA DEQ issued a Referral NOV. VA DEQ has reason to believe that the R-Board may be in violation of State Water Control Law §62.1-44 and the General Virginia Pollutant Discharge Elimination System (VPDES) Permit for Discharges of Storm Water Associated with Industrial Activity.

The Referral NOV references the following:

Observation(s): The effluent limitation monitoring DMR for Outfalls 007 and 008 for the January 1, 2021 through June 30, 2021 monitoring period reported the following values:

Outfall 007

Parameter	Instantaneous Concentration Minimum	Concentration Average	Instantaneous Concentration Maximum
Ammonia, As N		5.78	

Outfall 008

Parameter	Instantaneous Concentration Minimum	Concentration Average
pH	3.28 S.U.	
BOD ₅		72.6 mg/L



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Legal Requirements: Permit condition Part IV.E. (Table 190-1) states the following in relevant part:

Parameter	Instantaneous Concentration Minimum	Concentration Average	Instantaneous Maximum
Ammonia, As N		4.9 mg/L	
pH	6.0 S.U.		
BOD ₅		37 mg/L	

The R-Board submitted a written response to DEQ outlining what corrective action has been taken to mitigate this. The R-Board has applied agricultural lime to the ponds to provide chemical remediation. In addition, construction compliance schedules have been developed and followed to address these issues. For example, the impacted basins are scheduled to have upstream stormwater conveyance structures dredged to remove the impacted soil that is impacted these values. External soil has been brought to the site to provide a stable foundation to establish vegetation. It was evident that the existing soil on site was not nutrient rich enough to grow vegetation. This material will help stabilize the slopes and help reduce runoff to the outfalls.

On September 21, 2021, DEQ, DAA, and R-Board staff met via a virtual conference call to discuss the referral NOV. DEQ agreed to the corrective actions that the R-Board submitted. In addition, DEQ stated that they would pursue a Consent Order without a civil charge pursuit because of the diligent attention the R-Board environmental and operations staff has administered.

The R-Board will be working with Finish Line Contracting to administer certain corrective actions to mitigate stormwater runoff concerns. The project is scheduled to begin November 1 and will finish by the end of November, with an extension into December 2021 if deemed necessary.

DAA Engineering & Environmental Consulting:

Groundwater: R-Board is waiting response from DEQ for decision on Alternate Source Demonstration (ASD).

Air: DAA is reviewing all necessary criteria for the Title V Permit renewal.



Rappahannock Regional Solid Waste Management Board

489 Eskimo Hill Road • Stafford, Virginia 22554 • 540-658-5279 • FAX 540-658-4523

TO: R-Board Members
FROM: Diane Jones, Recycling Manager
DATE: November 17, 2021
SUBJECT: Recycling and Outreach Updates

Household Hazardous and Electronics Waste Collection Day

The Stafford Regional Airport Authority (SRAA), has authorized the use of its property to host the Household Hazardous Waste Collection day for Spring, 2022. On November 5th staff sent out a request for quotes for a vendor to perform the service. Once a most responsible party is chosen, staff will work with the Vendor and SRAA to secure a date. Note that the R-Board now has a year-around waste electronics collection program at Eskimo Hill. Also, staff recently met with a new company located in the City of Fredericksburg called GreenChip E-Wst. Solutions. They are interested in doing a collection day for area residents this spring. With these programs in place, it is not anticipated that a separate collection for electronic waste will continue to be partnered with the household hazardous waste program. Freeing up space at the site will help with moving more vehicles thru safely.

Electronics Recycling

The Stafford Middle School Leo's club has been managing the year-round electronic waste collection at Eskimo Hill residential drop-off site since late July, 2021. The program has been well received. The Leo's recently painted the collection building. The Leo's are interested in expanding their program to the Belman Road residential drop-off site. They would apply for a grant through national Lion's club to pay for the cost of the new collection site.





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Re-Think Day

On Saturday, November 6th, the R-Board sponsored a “Rethink” day with Habitat for Humanity at the Belman Road residential recycling center. The program collected used appliances, flooring, building materials, tools, and furniture. This was a pilot program to encourage the idea of “reuse” versus disposal of unwanted items. 14 residents participated. Habitat said they filled about ½ of a truck. Staff anticipates that the program will be expanded going forward.



Single-Stream Update

A contract with Tidewater Fibre Corporation has been negotiated and signed. Staff continues to see the value of the single-stream per ton increase. This trend is easing the costs of processing, transportation and compactor rental fees.



Waste Tires Handling

The R-Board continues to take tires from our residents and City of Fredericksburg Public Works Department. In recent months private enterprises have been identified that are able to serve commercially generated tires. The C2 Crew is monitoring for any new illegal tire dumping. They have not experienced any increases. Staff also continues to reach out to the Stafford Fire and Rescue. Stafford Deputy Fire Marshall John Ennis is keeping staff updated on any changes in volume or new dumping sites. At this time, he reports no uptick in illegal tire dumping.



Rappahannock Regional Solid Waste Management Board

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TO: R-Board Members

FROM: Francesca Johnson, Community Outreach Supervisor

DATE: November 17, 2021

SUBJECT: Litter Collection, Outreach/Education, R-Board Website & Survey

Litter Collection

The R-Board collaborates with the Rappahannock Regional Jail (RRJ) to utilize the adult probationer community service requirement for roadside litter cleanup. The court assigns probationers a certain number of hours to be completed by a set date. Through this cooperation, from July 1 through October 31, 2021, there have been:

- 35 active adult probationers currently in the program
 - 632.50 non-paid hours
 - 655 bags of roadside litter collected
 - 346 miles of roads cleaned
- 18 adult probationers completed the program
 - 470.25 non-paid hours
 - 453 bags of roadside litter collected
 - 303 miles of roads cleaned

Staff also works with the Rappahannock Regional Adult & Juvenile Drug Court located at 618 Kenmore Avenue. The premise is the same as the RRJ assignees, but these folks have fewer hours and a quicker turnaround time. The court meets on Mondays and staff receives a new list of assignees on Tuesdays. The following information is provided from August 30 through October 31, 2021:

- 11 active assignees
 - 31.5 non-paid hours
 - 31 bags of roadside litter collected
 - 16.5 miles of roads cleaned
- 25 assignees completed the program
 - 319.75 non-paid hours
 - 301 bags of roadside litter collected
 - 117.25 miles of roads cleaned

With so many community service organizations closing its doors due to COVID, this program has continued to thrive. It is a win-win for the assignees, and certainly for Stafford County and the City of Fredericksburg.



Rappahannock Regional Solid Waste Management Board

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Outreach/Education

R-Board staff participated, facilitated, and supported several programs since the last meeting.

- **Virginia is for Lovers, Not Litter Month**
 - Three staff members and two volunteers participated in the #VaLoversNotLitter campaign by the Virginia Department of Transportation (VDOT). One hour was dedicated to the cleanup and 140 pounds of litter was collected. Thank you to all that participated.



- **VDOT Chatham Bridge Ribbon Cutting and Pedestrian Preview**
 - Participated in VDOT's Chatham Bridge Ribbon Cutting and Pedestrian Preview. The R-Board provided recycling containers for the event and provided tabling information on proper recycling and informed the City of Fredericksburg/Stafford County residents of the Regional Landfill and Belman Road recycling locations/services.



"Serving the City of Fredericksburg and Stafford County, Virginia"

www.r-board.org



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- **City of Fredericksburg Farmers Market Community Day**
 - Provided tabletop presentation to Farmers Market Community Day participants. Spoke to 36 City of Fredericksburg/Stafford residents and visitors at Hurkamp Park.
- **Central Rappahannock Regional Library Webinars**
 - Staff supported three composting webinars and one 5 Rules of Recycling webinar with the Central Rappahannock Regional Library.
- **Clean-up Efforts**
 - Supplied equipment to two volunteer groups' clean-up efforts, Colonial Forge High School and Brooke Point High School.
- **Community Pride**
 - The R-Board Community Pride program allows neighborhoods to rent a 40-cubic yard waste container for neighborhood cleanups. Since the last meeting, the R-Board has supported 2 Community Pride cleanups.
- **Earth Day 2022**
 - The R-Board is serving on the planning committee for the Fredericksburg Parks, Recreation, & Events, Earth Day 2022 event.
- **Stafford County Parks and Recreation Department's Pratt Park Picture Show**
 - Attended tabling opportunity at the Stafford County Parks and Recreation Department's Pratt Park Picture Show. Staff created an R-Board Activity Book for the event to educate youth on recycling.



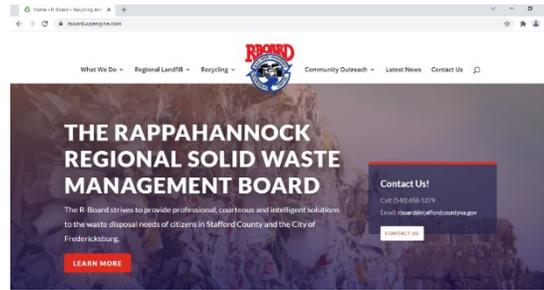


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R-Board Website

Staff requests approval to launch a new website. A new website would provide increased outreach and engagement opportunities for residents of the City of Fredericksburg and Stafford County.



R-Board Customer Satisfaction & Knowledge Survey

Background: At the February, 2021 meeting, it was decided that the customer satisfaction survey be delayed until closer customer contact could be facilitated safely. The survey questions were approved before M.C. Morris' departure. Staff would like approval on implementing the customer satisfaction survey.

Many of the most devoted customers are older and more rural — and may not be inclined to respond to an online/electronic survey method, so the survey will be distributed at each location. The customer satisfaction survey could be safely distributed in a self-serve manner at each of each location. Gate attendants could encourage residents to take a survey and share their thoughts, depositing the survey cards in a mailbox provided at each site. These survey cards will be used to provide an entry point for discussion to the Volunteer Recycling Educator Program, as reported earlier.

Each person that takes the survey could be asked to provide their name and preferred contact information, be asked to participate in future focus groups and deeper customer service analysis. This allows the landfill to begin to build a customer profile and have a qualified pool of people who might be willing to provide a feedback loop before implementing changes.

After the launch of the customer satisfaction survey, staff would suggest that another customer satisfaction survey be circulated to our commercial customers for their feedback.

Staff would suggest providing an incentive to encourage customer satisfaction survey completion. Some suggestions are below:

- Provide a Single-use pass (\$5 value) to the first 100 completed surveys.
 - **Total Cost: \$500**
- Provide a Single-use pass (\$5 value) to the first 50 completed surveys.
 - **Total Cost: \$250**
- Giveaway option: Choose multiple giveaway winners by picking the winners at random from those that complete the survey by a certain date.
 - 1 Annual Pass winner (\$120 value)
 - 1 Coupon book winner (\$40 value consists of 10 passes)
 - 3 Single-use pass winners (\$5 value)
 - **Total Cost: \$175**



Rappahannock Regional Solid Waste Management Board

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R-Board Customer Satisfaction & Knowledge Survey Sample (4.25"x11", double-sided)

Front of survey:

RBOARD Rappahannock Regional Solid Waste Management
R-Board Customer Satisfaction & Knowledge Survey

We value your feedback. Please complete this survey to let us know how we are doing.

How often do you use the landfill? (check one)

4 times a year or less 5 - 12 times a year

Monthly Weekly More than once a week

I usually visit the landfill on. (check one)

Weekdays Weekends

How do you pay for your service? (check one)

Annual Pass Coupons Cash/Credit per visit

What type of vehicle do you drive to the landfill? (check one)

Car/Van Pickup Truck Small Trailer (8' or less)

Long Trailer (8' or more) Rented Truck (U-Haul, etc.)

On A Scale of 1 to 5 How Satisfied are You with:
1 - unsatisfied 3 - content 5 - very satisfied

Landfill Fee Structure (circle one) 1 2 3 4 5

Professionalism & Helpfulness of Staff (circle one) 1 2 3 4 5

Ease of Access/Layout/Traffic Flow (circle one) 1 2 3 4 5

Suggestions for Improvement. (please write legibly)

Does any local tax money pay to fund the operation of the landfill?

Yes No

I use a local trash company service as well as use the landfill.

Yes No

When I use the service on average I bring:

_____ % household trash _____ % recycle

(over)

Back of survey:

RBOARD Rappahannock Regional Solid Waste Management
R-Board Customer Satisfaction & Knowledge Survey

I have used any of these other available services: Number of times per year:

Yard Waste Disposal _____

Motor Oil Recycling _____

Antifreeze Recycling _____

Cooking Oil Recycling _____

Electronic Recycling _____

I believe that Recycling is: (check one)

Voluntary Mandatory (Required by law)

I've purchased composting material from the R-Board:

Yes No

I've participated in Household Hazardous Waste Collection:

Yes No

I've obtained free mulch from the R-Board:

Yes No

I use the Internet/email to obtain information about the R-Board:

Yes No

I have visited or used the R-Board Website, www.RBoard.org, or the R-Board social media to obtain information about available services.

Yes No

_____ I attest that I've filled out only one survey for my household. (REQUIRES INITIALS FOR COMPLETION)

STRICTLY OPTIONAL TO PROVIDE CONTACT INFORMATION BELOW:
I am supplying my preferred contact information as I would be willing to serve on a panel or focus group to provide additional feedback on ways to improve the landfill.

Name: _____

Zip Code: _____

Phone Number: _____

Email Address: _____

*** Please return the completed survey card to **Belman Road Convenience Center, Eskimo Hill Residential Convenience Center**, or mail to **R-Board, 473 Eskimo Hill Rd. Stafford, VA 22554** within 1 week of receiving it to receive your incentive. Our office hours are Monday thru Friday 8:00 AM to 4:30 PM.

If you have any questions or concerns about this survey, please contact our offices at rboard@staffordcountyva.gov or (540) 658-5279.

Thank you for your time in completing this survey & thank you for being a loyal R-Board customer.



Rappahannock Regional Solid Waste Management Board

489 Eskimo Hill Road • Stafford, Virginia 22554 • 540-658-5279 • FAX 540-658-4523

To: R-Board Members
From: Joe Buchanan, Director
Date: November 17, 2021
Subject: Financial Status

Financial Status

Finances for the R-Board are in good shape through October, 2021. The current revenue is up 9.8% for the first four months of the year due to increases in commercial waste. Costs are in line with budget. Currently the R-Board has \$14,201,420 in cash and short-term investments.

Stafford County's Chief Financial Officer has determined that our requirements for Closure and Post Closure care were overstated by approximately \$2,000,000. It has been the R-Board's standard to keep in cash and investments the closure and post closure costs, and three months of expenses. That current amount is \$10,000,000. This is not a requirement, but a safety net. The only outstanding debt is the City and County bonds that will be paid off in 2023 and 2024 with approximately \$2,000,000 in costs, including interest of 1.5%.

The lease for new equipment with Caterpillar hopes to be completed by end of year 2021. The budget allows for \$40,000 per month payments, which will not begin until delivery of equipment.

FY2022		R-Board	Expenses						
		FY2022 Adjusted Budget	Actual Spent to Date	% spent	YTD Actual July	YTD Actual Aug	YTD Actual Sept	YTD Actual Oct	YTD Actual Nov
10-01	Salaries-Regular	1,857,380	528,369	28.4%	125,352	130,526	138,539	133,952	
10-02	Salaries-Overtime	100,000	33,939	33.9%	9,989	6,307	8,180	9,463	
10-03	Salaries-Part Time	81,150	38,804	47.8%	7,810	8,909	10,954	11,131	
21-01	Social Security/Medicare	148,310	44,945	30.3%	10,669	10,838	11,801	11,637	
22-10	VRS	200,090	57,519	28.7%	14,641	14,617	13,501	14,760	
22-11	ICMA Hybrid Employer	10,010	6,219	62.1%	1,569	1,569	1,484	1,597	
23-01	Anthem	390,000	103,521	26.5%	27,349	27,349	24,581	24,242	
23-03	Opt-Out	4,380	2,700	61.6%	600	600	600	900	
24-01	Life Insurance	24,400	7,695	31.5%	1,957	1,954	1,809	1,975	
25-01	Unemployment	10,000	0	0.0%	0	0	0	0	
25-21	Hybrid Disability Progrm	5,760	1,504	26.1%	377	377	343	407	
27-20	Workers Compensation	88,000	25,594	29.1%	5,816	6,507	6,974	6,297	
28-02	Compensated Absences	110,000	0	0.0%	0	0	0	0	
28-09	License/Certifications	12,000	205	1.7%	205	0	0	0	
28-20	Education/Tuition Assist	1,500	0	0.0%	0	0	0	0	
30-15	Fees for Services	12,000	3,578	29.8%	0	1,177	1,054	1,347	
31-08	Physical Exams	1,000	0	0.0%	0	0	0	0	
31-20	Audit Fee's	8,750	2,188	25.0%	0	2,188	0	0	
31-30	Management Services	264,945	54,058	20.4%	0	0	0	54,058	
31-44	Environmental Monito	139,563	41,547	29.8%	0	0	0	41,547	
31-50	Legal Services	26,000	6,000	23.1%	2,000	2,000	2,000	0	
31-52	Filing Fees	45,000	44,962	99.9%	5,850	39,112	0	0	
31-63	Cleaning Services	3,750	924	24.6%	0	0	616	308	
31-64	Single Stream Process	151,443	13,647	9.0%	8,443	71	4,859	274	
31-67	Househld Hazardous Wst	90,000	4,754	5.3%	0	0	0	4,754	
31-68	Tire Disposal	100,000	0	0.0%	0	0	0	0	
32-10	Temp Agencies	20,000	0	0.0%	0	0	0	0	
33-09	Facilities-Buildings	10,000	0	0.0%	0	0	0	0	
33-10	Repairs & Maintenance	439,291	65,447	14.9%	10,869	24,794	13,264	16,520	
33-20	Contracts	77,513	8,491	11.0%	1,758	2,008	983	3,742	
34-05	Transportation	1,500	220	14.7%	200	0	0	20	
35-01	Printing & Binding	6,000	516	8.6%	516	0	0	0	
36-11	Public Notification	500	0	0.0%	0	0	0	0	
39-10	Litter Control	68,000	10,149	14.9%	1,500	2,367	3,858	2,424	
40-07	Admin Charge-Fiscl Agnt	348,563	87,141	25.0%	0	87,141	0	0	
51-10	Electrical	25,200	5,775	22.9%	76	2,399	1,618	1,682	
51-30	Water & Sewer	11,500	2,209	19.2%	672	0	669	868	
52-10	Postage	3,000	229	7.6%	188	5	28	8	
52-30	Phone	16,500	4,468	27.1%	2,057	126	309	1,976	

		FY2022 Adjusted Budget	Actual Spent to Date	% spent	YTD Actual July	YTD Actual Aug	YTD Actual Sept	YTD Actual Oct	YTD Actual Nov
52-31	Mobile Phones	15,000	3,087	20.6%	0	0	1,562	1,525	
52-38	VOIP Eqp Billing	6,000	1,909	31.8%	395	354	355	805	
53-04	Property	47,250	0	0.0%	0	0	0	0	
53-05	Motor Vehicle	28,875	0	0.0%	0	0	0	0	
54-10	Equipment	62,170	21,843	35.1%	0	335	13,099	8,409	
54-20	Building or Office	5,000	0	0.0%	0	0	0	0	
55-10	Mileage/Parking/Tolls	1,200	0	0.0%	0	0	0	0	
55-40	Seminars & Conferences	5,000	0	0.0%	0	0	0	0	
55-41	Meeting Expenses	2,000	520	26.0%	0	0	520	0	
58-01	Dues & Membership	1,500	0	0.0%	0	0	0	0	
60-01	Office	8,000	2,979	37.2%	1,000	0	1,534	445	
60-03	Agricultural-Lawn Care	4,700	0	0.0%	0	0	0	0	
60-05	Custodial-Janitorial	12,000	2,596	21.6%	79	0	1,933	584	
60-07	Repairs & Maintenance	492,915	124,894	25.3%	52,980	25,130	27,177	19,607	
60-08	Vehicle Fuels	460,117	89,408	19.4%	27,003	14,653	21,613	26,139	
60-11	Uniform & Wea Apparel	36,262	10,083	27.8%	2,828	1,673	2,150	3,432	
60-12	Books/Subscriptns/Sf Media	1,000	272	27.2%	0	0	272	0	
60-14	Operating	6,000	1,985	33.1%	500	985	0	500	
60-17	Computer software	4,500	0	0.0%	0	0	0	0	
60-19	Personnel Safety Equip	5,000	2,300	46.0%	450	0	1,178	672	
60-20	Vehicle Parts & Tires	42,500	7,630	18.0%	0	0	3,366	4,264	
60-31	Machinery & Equipment	30,725	10,932	35.6%	3,500	0	7,432	0	
60-32	Furniture & Fixtures	2,000	39	2.0%	0	0	39	0	
60-33	Communications Equip	1,000	0	0.0%	0	0	0	0	
60-34	Computer Equipment	5,500	243	4.4%	30	0	213	0	
60-47	Site Improvements	55,000	17,940	32.6%	0	0	0	17,940	
81-01	Machinery & Equipment	171,821	0	0.0%	0	0	0	0	
82-01	Machinery & Equipment	1,554,998	0	0.0%	0	0	0	0	
82-11	Improvements to Site	575,000	0	0.0%	0	0	0	0	
82-12	Improvements to Bldg	15,000	0	0.0%	0	0	0	0	
82-15	Cell Improvements	358,000	0	0.0%	0	0	0	0	
82-30	Cell F-3	26,710	0	0.0%	0	0	0	0	
92-10	to General Fund-100	457,750	0	0.0%	0	0	0	0	
97-05	dist=dbt svc Fredericksburg	457,750	264,988	0.0%	0	0	0	264,988	
Totals		9,871,241	1,770,965	17.9%	329,228	416,071	330,467	695,199	0

R-Board FY22 Revenue

		October 31, 2021		Revenue				
		FY2022 Adopted Budget	Actual Year to Date	Budget Monthly Average	YTD Actual July	YTD Actual Aug	YTD Actual Sept	YTD Actual Oct
560-0000	33.42%							
315-01-02	Interest on Investments/ Alliegance Cap	\$10,000.00	1,521	833	3,940	548	0	-2,967
315-02-35	Rental Cell Tower Sites Milestone	\$12,000	5,042	1,000	1,261	1,261	1,261	1,261
316-25-01	Recycling Revenue	\$70,000	61,631	5,833	12,165	27,133	12,988	9,346
316-25-02	Commercial	\$6,597,500	2,523,444	549,792	612,093	637,285	648,018	626,048
316-25-03	Municipal-Stafford	\$40,000	13,332	3,333	3,333	3,333	3,333	3,333
316-25-04	Municipal-Fredericksburg	\$300,000	92,706	25,000	21,152	25,593	23,440	22,521
316-25-05	Sludge/Dirt/Debris Staffrd	\$350,000	109,951	29,167	26,541	32,299	28,066	23,045
316-25-06	Residential	\$710,000	193,480	59,167	53,030	47,010	50,435	43,005
316-25-10	Sale of LF Gas	\$50,000	6,004	4,167	0	6,004	0	0
316-26-05	Sludge Disposal Fred	\$140,000	36,192	11,667	9,589	8,480	10,300	7,823
318-99-01	Miscellaneous	\$5,000	1,350	417	0	0	0	1,350
324-04-07	Litter Control	\$25,000	8,332	2,083	2,083	2,083	2,083	2,083
341-06-00	Prior Year Fund Balance	\$297,648	99,216	24,804	24,804	24,804	24,804	24,804
	Totals	\$8,607,148	3,152,201	717,262	769,990	815,832	804,728	761,651
101-00-00	Cash	5,003,681						
105-56-00	Invests/R-Brd-PFM	9,197,739						



Rappahannock Regional Solid Waste Management Board

489 Eskimo Hill Road • Stafford, Virginia 22554 • 540-658-5279 • FAX 540-658-4523

To: R-Board Members
From: Joe Buchanan, Director
Date: November 17, 2021
Subject: Capital Improvement Program (CIP)

The attached CIP for the next five fiscal years is based on current volumes and staff recommendations. These estimates are using a conservative approach and there are several opportunities for improvement going forward.

The total costs of this program would be paid using the following:

Operational cash flow (\$1.5 million per year)	\$7.5 million
Long-term and Short-Term investments	\$6 million
Total costs (All CIP would be self-funded)	\$13.5 million

The third entrance to the landfill is a conceptual idea that would require an engineering study and VDOT approval. It would allow a more equitable payment policy for all customers. The addition of the third entrance would allow current customers no interruption in service and create a safer and more productive experience for residents. If only new scales were budgeted it would be one half the costs.

The development of the next cell is based on the current model. Staff has identified a non-permitted area that would require updated permitting (approximately 1.5 years) and moving of infrastructure. Based on early estimates, all costs for this project would bring the new cell in at \$3,000,000 vs \$5,000,000 for Cell G-1. The new cell would have the same or more capacity of the current F-3 Cell.

The equipment in the CIP is based on a straight purchase and a lease option should be explored prior to purchase.

R-BOARD CAPITAL IMPROVEMENT PROGRAM

Projects/Equipment Replacement	FY2022	FY2023	FY2024	FY2025	FY2026	Total Project Cost	Description
Closure Activities B, C, D, E, & F1	358,000	358,000	3,500,000			4,216,000	Payment of debt service for previous closure activities, and closure of Cell F1 in FY2024.
Cell F2 Financing Payments	575,000	578,000	0	0	0	1,153,000	F-2 cell construction payments
Track Loaders		0	175,000	0	0	175,000	Replacement track loader for landfill operations. Costs shown is for purchase. Option to lease purchase.
Scale Renovations		500,000	500,000			1,000,000	This is proposed as third entrance to landfill replacing current scales and incorporating one entrance for both residential and commercial to weigh all inbound customers.
Articulated Dump Truck		0	500,000	0	0	500,000	The Landfill uses an articulated off-road dump truck to transfer cover material from our stockpile to the working face. Our current unit is over 15 years old and is frequently down for repairs, forcing staff to rent a unit at great expense.
Construction of Cell G1	1,000,000	1,000,000	1,000,000	2,000,000		5,000,000	Current data indicates that Cell F3 will be filled near the end of 2024 or early 2025. This will require Cell G1 to be completed and operational by the end of 2024.
Crew Truck - Landfill Site & Litter Control		31,400	0	35,000	0	66,400	The Landfill requires pickup trucks onsite for transporting staff and supplies around the operational area, and the litter crew puts significant mileage on their vehicles each year. We propose to replace a unit recently removed from service when repair costs exceeded its value.
Tracked Dozer	0		0	450,000	0	450,000	This dozer would replace a 1996 unit which has exceeded its useful life and is in need of extensive repairs.
Roll-off Containers	20,000	20,000	0	0	0	40,000	The Eskimo Hill Convenience Center uses roll-off containers to transfer solid waste up to the working face.
Tracked Excavator	0		0	325,000	0	325,000	The Landfill requires an excavator to excavate fill material for the working face, and to assist with tub grinder operations. The current excavator is over 15 years old and is no longer reliable.
Miscellaneous Equipment Acquisitions	40,000	38,000	68,000	0	0	146,000	Staff is proposing to replace a roller broom necessary for on and offsite cleanup and acquire a brush cutter attachment for the excavator in FY2020, and a compost mixer to improve the efficiency of our compost operations in FY2021, and a shop truck and utility vehicle for onsite use in FY2021.
Roll-off Container Trucks		0	175,000	175,000	0	350,000	Convenience center and sludge hauling operations rely on the roll off container trucks.
Total	\$1,993,000	\$2,525,400	\$5,918,000	\$2,985,000	\$0	\$13,421,400	

Through September, 2021

Rappahannock Regional Solid Waste Management Board					
Weight and Material Analysis Report FY2021					
	21-Oct	20-Oct	FY2022 Y-T-D	FY2021 Y-T-D	Difference
CATEGORY	<u>Weight</u>	<u>Weight</u>	<u>Weight</u>	<u>Weight</u>	<u>%</u>
Billable					
Commercial Waste	5240	4936	22262	19172	16%
Residential Waste	4946	5000	21028	20024	5%
Fredericksburg	528	704	2172	2383	-9%
Eskimo Hill	1502	2055	6534	7169	-9%
Belman Road	111	105	467	443	5%
Mixed Surcharge add \$30/T	0	21	4	35	-89%
Debris Waste	6736	5575	25403	20708	23%
Dirt	48	2	81	21	286%
Tires Commercial	0	25	0	102	-100%
Sludge (city)	279	227	1292	1007	28%
Sludge (county)	832	935	3772	4676	-19%
Yardwaste	87	108	382	390	-2%
BILLABLE TONNAGE	20309	19693	83397	76130	10%
Non-Billable					
Litter/Cleanups	3	5	10	16	-38%
Recycling	597	332	3084	1266	144%
TOTAL TONNAGE	20909	20030	86491	77412	12%



Rappahannock Regional Solid Waste Management Board

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RB21-10

PROPOSED

RAPPANNOCK REGIONAL SOLID WASTE MANAGEMENT BOARD

RESOLUTION

At a regular meeting of the Rappahannock Regional Solid Waste Management Board (R-Board) held in the Board of Supervisors Chambers, George L. Gordon Jr., Government Center, Stafford, Virginia, on the 17th day of November, 2021

MEMBERS:

Meg Bohmke, Chairman
Matthew J. Kelly, Vice Chairman
Timothy J. Baroody
Frederick J. Presley
Cindy C. Lamb
William C. Withers, Jr.

VOTE:

On motion of, seconded by, which carried by a vote of, the following was adopted:

A RESOLUTION TO AUTHORIZE CHNGES TO THE FEE SCHEDULE REGARDING OVERSIZED LOAD FEES

WHEREAS, ON May 19, 2019, the R-Board adopted resolution RB19-02(R), which established an oversized load fee; and

WHEREAS, there is a disparity between the \$5 fee for the standard load fee and the \$20 fee for oversize loads and annual passes cannot be used for trailers greater than 8' feet in length; and

WHEREAS, implementing a new fee structure at the landfill to enable larger residential loads to pay more equitably, without being required and inconvenienced by weighing on the commercial scales; and

WHEREAS, this fee allows trailers over 8-feet in length carrying solid waste to be charged a fee of \$20; and

WHEREAS, staff recommends the amended trailer rate structure and the \$20 fee for oversized loads is an equitable solution;



Rappahannock Regional Solid Waste Management Board

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NOW, THEREFORE BE IT RESOLVED, by the Rappahannock Regional Solid Waste Management Board on this 17th day of November, 2021 that the R-Board be and it hereby does authorize the amended trailer rate changes, effective January 1, 2022 for all residential customers. The trailer fee schedule is as follows:

Trailer Type	Current Fee	Proposed Fee
8' Trailers or Less	\$5	\$5
8' – 14' Trailers	\$20	\$10
Trailers greater than 14' and oversized loads that are not trailers	\$20	\$20

A Copy, teste:

RAPPAHNOCK REGIONAL
SOLID WASTE MANAGEMENT BOARD

Joseph A. Buchanan, Director