

**RAPPAHANNOCK REGIONAL SOLID WASTE
MANAGEMENT BOARD**

MEETING AGENDA

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

**September 1, 2021
8:30 AM**

CALL TO ORDER / ROLL CALL

ELECTION OF OFFICERS

- A. APPROVE MINUTES OF MAY 19, 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 year-end**
 - 2. Weight and Material Analysis; Fy2021 – through year-end**
 - 3. Use of Funds POSI-SHELL**
- D. UNFINISHED BUSINESS (Tab 4)**
- 1. Authorize Public Hearing re. Trailer Fees**
 - a. RB21-08**
- E. NEW BUSINESS (Tab 5)**
- 1. Contracts**
 - a. RB21-09 (Tidewater Fibre Corporation)**

CLOSED SESSION (if needed)

NEXT SCHEDULED MEETING

November 17, 2021, Board of Supervisors Chambers, George L. Gordon, Jr. Government Center, 8:30 a.m.

ADJOURNMENT

MINUTES
RAPPAHANNOCK REGIONAL SOLID WASTE MANAGEMENT BOARD
May 19, 2021
Board Chambers

Meeting Convened: A regular meeting of the Rappahannock Regional Solid Waste Management Board (R-Board) was convened at 8:30 a.m. on May 19, 2021. The meeting was noticed on the R-Board's website.

Roll Call: The following members were present: Meg Bohmke; Cindy C. Shelton; William C. Withers, Jr.; Tim Barody; and Fred Presley. Matthew Kelly was absent.

Also, in attendance were: Bill Hefty, R-Board Attorney (by phone); Rick Markwardt, Landfill Superintendent; Chris Hoover, Assistant Landfill Superintendent; Diane Jones, Recycling Manager; McKenzie Bellimam, Environmental Technician; MC Morris, Community Outreach Supervisor; Pamela Timmons, Clerk; and Joe Buchanan, Director.

Approval of the minutes of prior meeting: Ms. Shelton motioned, seconded by Mr. Withers, to approve the minutes from the February 17, 2021 meeting.

By roll call, the vote was:

Yea:	(5)	Barody, Bohmke, Presley, Shelton, Withers
Nay:	(0)	

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

Tim Rudy - Thanked Ms. Morris for keeping the public well informed during the pandemic; still has concerns regarding trailer size/fees; asked if there was a timeline regarding residential scales; and reported that the conversations regarding the selling of bags for trash disposal has not been well received from residents with whom he has spoken.

Presentations by the R-Board: The following members desired to speak:

Cindy Shelton- During the pandemic, she had spoken to a few residents that would like to have the ability to use their personal business vehicle to deliver their personal trash to the Landfill.

Public Hearing - Consider Commercial Fee Increase

Ms. Bohmke opened the public hearing.

The following members of the public desired to speak:

Gene Brown (Shifflett's) - Mr. Brown support the increase, and thanked everyone for their continued support.

Ms. Bohmke closed the public hearing.

Ms. Shelton motioned, seconded by Mr. Withers, to adopt proposed Resolution RB21-03.

By roll call, the vote was:

Yea: (5) Baroody, Bohmke, Presley, Shelton, Withers
Nay: (0)

RB21-03 reads as follows:

A RESOLUTION TO AUTHORIZE CHANGES TO THE FEE SCHEDULE FOR DISPOSAL OF MUNICIPAL SOLID WASTE FOR COMMERCIAL CUSTOMERS

WHEREAS, the R-Board is committed to establishing fees that fairly compensate the R-Board for the solid waste services provided; and

WHEREAS, this rate of return for services is inadequate to compensate the R-Board sufficiently for the cost of providing these services, and is insufficient to fund operation, maintenance, capital equipment replacement, new cell construction, and closure/post-closure expenses; and

WHEREAS, the Landfill experiences increases each fiscal year to operate; and

WHEREAS, staff recommends an increase in all commercial rates to compensate for increases in operating costs;

NOW, THEREFORE BE IT RESOLVED, by the Rappahannock Regional Solid Waste Management Board on this the 19th day of May, 2021 that the R-Board be and it hereby does authorize an increase in commercial rate changes, effective January 1, 2022 for all commercial customers. The commercial fee schedule is as follows:

Fee Schedule		
Tons	Current Tipping Fee	Proposed Tipping Fee
<1,000	\$40 per ton	\$41.20 per ton
≥1,000; <1,500	\$38 per ton	\$39.14 per ton
≥1500	\$32 per ton	\$32.96 per ton
C&D	\$41.00 per ton	\$42.23 per ton

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

Cell F-2 Status Landfill staff has moved completely off Cell F-2. There will be a flyover on or about 1 July, 2021. After the flyover, staff will determine how to best fill the remaining area at a later date.

Cell F-3 Status The filling of Cell F-3 began on March 8, 2021, and continues without any problems.

Compost No new updates on the Compost Permit.

Ms. Bohmke asked when DEQ was last contacted. Mr. Markwardt said that it was prior to the last R-Board meeting, and he would reach out to DEQ again.

Report of the Assistant Superintendent:

Personnel Status Update Mr. Hoover reported on the following:

Staffing:

The R-Board is currently authorized for a total of 42 staff positions, of which 38 are full-time and 4 are part-time. At this time, 32 full-time and 4 part-time positions are filled. We are also still utilizing the help of a temp agency on a daily basis of 1-4 workers per day. We currently have 5 full-time positions listed to be filled. A Heavy Equipment Operator with the departure of Dave Schneider, and a Landfill Equipment Maintenance Supervisor position with the departure of Doug Webster moving to the Department of Public Works/Utilities are two of those open positions.

In addition to those positions needing filled, we also are planning to hire an additional Heavy Equipment Operator and a Heavy Equipment Mechanic to fill two positions that were approved by resolution RB20-09, on November 18, 2020.

Pam Timmons, our Senior Accounting Technician will also be retiring effective July 1; and Mary Ann Coulombe, who is an employee working in Stafford County Finance, will begin with the R-Board on June 14, 2021.

Training and Career Development:

Rick Markwardt, Mike Cross, Susie Carpenter, Dennis Kenworthy, John Becker, and I attended the SCS Engineers 28th Annual Virginia Landfill and Solid Waste Seminar where credits were earned to maintain the Landfill licenses.

Mackenzie Bellimam, has recently become Certified with the Virginia Department of Environmental Quality in Erosion and Sediment Control and in Responsible Land Disturbance. John Becker and Susie Carpenter are ready to take the Environmental Quality in Erosion and Sediment Control exam.

Accolades:

We would like to thank M.C. Morris, MacKenzie Bellimam, Will Graham, Susie Carpenter, Diane Jones, Joe Buchanan, Steven Hall, and Katie Moncure for helping out with the COVID-19 vaccine drive that the County organized. These volunteers went at least once to help set up and facilitate the operation to get employees through quickly and safely.

Recently, Diane was coming out of her office building and heard a kitten crying. She found a small five-week-old female under the bushes and brought it into the office. Susie Carpenter is experienced in handling such kittens as she fosters them. Susie took the kitten home overnight as temperatures were to be near freezing. The next morning, the kitten stayed in Diane's office with soothing music, formula, and a heating pad. They were contemplating taking the kitten to the shelter when a vendor arrived at the office for a meeting. The vendor had two young female cats she had found abandoned as babies and

thought they would be good mothers to the kitten. As you can tell by the photo, it was a happy ending. Thanks to Diane and Susie for helping the least among us!

Report of the Environmental Technician: Ms. Bellimam reported on the following:

VA DEQ Consent Orders

ORDER BY CONSENT for, VWP General Permit Tracking No. WP4-20-0193:

On February 17, 2021, the R-Board received a Consent Order issued by Virginia Department of Environmental Quality (DEQ) under the authority of Va. Code 62.1-44.15 by the State Water Control Board (the Board) for the purpose of resolving certain violations of State Water Control Law. The violations are presented as followed according to the findings of fact and conclusion of law as observed by DEQ. The Consent Order issued a civil charge of \$48,750.

On August 12, 2020, DEQ received notification that at least 900 linear feet of stream channel had been impacted from the deposition of fill material as a result of erosion and sediment control failures. DEQ conducted an inspection of the R-Board facility on August 17, 2020 and confirmed the presence of sediment in surface waters not authorized by the R-Board's Virginia Water Protection (VMP) permit. The R-Board had the final surface water impacts from the sedimentation surveyed to be 0.21 acre of palustrine forested wetland, 0.01 acre of palustrine scrub-shrub wetland, 1.28 acre of palustrine emergent wetland, and 4,628 linear feet of stream channel. On August 31, 2020, DEQ issued a Notice of Violation (NOV) to the R-Board. On October 27, 2020, DEQ approved a submitted corrective action plan (CAP) presented by the R-Board. The CAP proposed sediment removal and restoration for all impacted surface waters. In order for the R-Board to return to compliance, DEQ staff and representatives of the R-Board have agreed to the Schedule of Compliance.

1. Comply with the terms of the DEQ-approved CAP.
2. All items required by the CAP, including monitoring of restored area, and reporting of restoration monitoring to DEQ are to be completed no later than October 21, 2023.

On March 5, 2021, the R-Board submitted a response to DEQ requesting a 20% reduction of the civil charge that was presented. The R-Board presented a request on the grounds that they had already invested over \$175,000 in mitigating and restoring the impacted areas and adamantly following the Schedule of Compliance. The R-Board also presented that they would create environmental education outreach materials discussing the importance of protecting Virginia natural waters. This intervention would stand as a Supplemental Environmental Project (SEP) that allows the R-Board to further carry-out environmental stewardship. DEQ approved the request of the 20% reduction, thus reducing the civil charge to \$39,000.

ORDER BY CONSENT for, Solid Waste Permit No. 589:

On April 5, 2021, the R-Board received a Consent Order issued by Virginia Department of Environmental Quality (DEQ) under the authority of Va. Code 10.1-1455 by the Virginia Waste Management Board (the Board) for the purpose of resolving certain violations of Virginia Waste Management Act. The violations are presented as followed according to the findings of fact and conclusion of law as observed by DEQ. The Consent Order issued a civil charge of \$16,250.

During compliance inspections conducted on August 14, 2019, February 24, 2020, and August 12, 2020, DEQ staff observed erosion rills, exposed waste, and insufficient cover at select locations at the R-Board facility. DEQ notified R-Board of the noncompliance via a Deficiency Letter sent August 23, 2019, and via a Warning Letter sent March 5, 2020. R-Board responded to the Deficiency Letter on September 23, 2019 and responded to the Warning Letter on March 12, 2020. In each instance, R-Board provided documentation that the exposed waste observed by DEQ had been covered. On August 12, 2020, DEQ again observed erosion rills and exposed waste when conducting an inspection of the R-Board facility, resulting in DEQ's issuance of a Notice of Violation to R-Board on August 19, 2020. On August 25, 2020, R-Board submitted a written response to the NOV, including photographic documentation of corrective measures taken to cover the exposed waste that was observed by DEQ staff during the inspection. On September 16, 2020, DEQ staff had a conference call with representatives of R-Board to discuss the NOV, R-Board's NOV response, and enforcement proceedings. On November 17, 2020, DEQ staff performed a follow-up inspection of the Facility and confirmed adequate resolution of the noncompliance, as DEQ staff observed sufficient daily and/or intermediate cover over waste areas, and erosion rills and/or areas of exposed waste were not identified.

On May 5, 2021, the R-Board drafted a response to DEQ requesting that the Consent Order be amended. The R-Board's response proceeds as followed:

During the inspections conducted by DEQ, the COVID-19 pandemic had just begun, thus causing operations and maintenance of erosion and sediment controls of the facility to be reduced. The state of Virginia entered a State of Emergency causing R-Board a lack of staff to administer and implement appropriate erosion and sediment controls. R-Board recognizes this incident to be an act of God (pre. Administrative Process Act Va. Code § 2.2-4000 et seq.) causing failure to comply as presented in inspections on February 24, 2020 and August 12, 2020.

R-Board presents the weather data of the timeline that is presented in the findings and Conclusion of Law for August 2020. The precipitation leading up to the inspection conducted by DEQ on August 12, 2020 provided an extraneous amount of rain fall for that month. Prior to the date of inspection, there was a total of 5.59 inches of rain from August 1, 2020 to August 11, 2020. Between a shortness of operations and maintenance staff due to COVID-19 precautions and excessive precipitation, R-Board failed to meet compliance expectations due to unforeseen acts of God.

According to DEQ, circumstances for Consent Orders are presented as followed:

1. Complying with statues, regulations, permit conditions, orders, and enforceable certifications.

DEQ uses consent orders to establish an enforceable schedule that compels the Responsible Party to return to compliance in an expeditious manner. R-Board provided resolution to the observed noncompliance in an expeditious manner as observed by DEQ on November 17, 2020. In addition, prior to the issue of the Consent Order, on March 19, 2021 DEQ conducted a compliance inspection and observed no apparent violations. R-Board believes that the necessary strides were made to provide resolution in expeditious manner and that the Consent Order presented on April 5, 2021 does not provide the grounds for reliability or a civil charge.

VA DEQ Compliance Inspection & Warning Letter

Compliance Inspection Report:

On March 19, 2021, the Virginia Department of Environmental Quality staff conducted a compliance inspection of the solid waste management facility operating under SWP 589. During the inspection, no apparent violations were observed.

Warning Letter:

On March 9, 2021, the R-Board received a Warning Letter from DEQ. DEQ has reason to believe that R-Board may be in violation of State Water Control Law and the General Virginia Pollutant Discharge Elimination System (VPDES) Permit for Discharges of Storm Water Associated with Industrial Activity regulation 9 VAC 25-151 at R-Board facility. The observations made by DEQ are as followed:

1. Observation(s): The effluent monitoring (discharge monitoring reports) for Outfalls 007 and 008 for the July 1, 2020 through December 31, 2020 monitoring period reported the following values:

Outfall 007

Parameter	Instantaneous Concentration Minimum	Concentration Average	Instantaneous Concentration Maximum
pH	3.17 S.U.		
Ammonia, As N		5.87 mg/L	
Total Recoverable Zinc		0.709 mg/L	0.709 mg/L

Outfall 008

Parameter	Instantaneous Concentration Minimum	Concentration Average
pH	3.17 S.U.	
BOD ₅		135 mg/L

*R-Board facility had 1.2 points in the Compliance Auditing System at the end of December 2020.

On April 6, 2021, R-Board responded to the Warning Letter. The R-Board believes that the area that drains into the outfall drainage areas are inherently acidic, and the presence of metals can be attributed to the development of Cell F3.

The drainage area consists of marine sedimentary strata that contributes to extremely acidic soil. The evidence for this conclusion can be attributed to a soil background study that Draper Aden Associates conducted.

The R-Board discussed ways that they will mitigate the area. Corrective action includes but not limited to:

1. Introduce lime to the soil to amend the poor quality. This will help neutralize the acidic characteristics of the soil.
2. Establish vegetation that can withstand acidic soil.

The R-Board met with Draper Aden Associates to discuss options to prevent damage from the observed areas. In addition, Draper Aden Associates will conduct a surface waters and soil background study to determine which areas need to be mitigated (i.e., limed, establish vegetation). DEQ agreed to the response that the R-Board provided.

Refuse Fire

On Wednesday, April 28, 2021, there was a refuse fire reported at 7:31 PM by a Brooke Road citizen. Stafford County firefighters responded to the fire that was located at the active working face (Cell F3) of the facility. It is estimated by the R-Board facility and Stafford County Fire Department that the fire stretched half an acre. No injuries were reported. The cause of the fire has not yet been determined.

M.C. Morris provided a public statement on the incident. There are a number of factors within the pile of refuse that could have led to the blaze, including but not limited to: chemical reactions from pesticides, pool chemicals, lithium batteries, hot embers from residential fire pits or grills, or other flammable liquids. Disposal of these items are prohibited at the R-Board facility. Morris states, "all of these items are not legal to come onto our site and our staff is trained to watch for and respond to these items if discovered."

Prior to the refuse fire, the working face had sufficient cover and protection; all operations and maintenance of the active cell were within compliance. The integrity of the cell's engineering provided protection and safety to the facility.

Thanks to Mike Cross, Cameron Morrow, and Dennis Kenworthy on their emergency response to the landfill fire.

Recycling Manager Report: Ms. Jones reported on the following:

Mandated Recycling Rate Report

The Department of Environmental Quality mandated recycling rate report has been submitted. We have received a receipt confirmation. For calendar 2020, the R-Board has reported a recycling rate of 34.5%. Last year we were approved for 33.9%.

Household Hazardous and Electronics Waste Collection Day

The FY21 budget has funding available for a second Household Hazardous and Electronic Waste collection day. The date will be Saturday, June 12th from 9:00 A.M. to 3:00 P.M. We are very grateful to the Stafford Regional Airport Authority. They have offered to allow us to host the program on their property. The sight is ideal for handling the number of cars that can line up especially in the first hours of the event. As with the fall event the Stafford Lions and Stafford Middle School Leo clubs will be collecting and recycling the electronics portion. MXI Environmental from Abington, Virginia will handle the household hazardous waste portion.

Electronics Recycling

The Stafford Lion and Stafford Middle school Leo Clubs currently collect smaller electronic items at both Belman Rd. and Eskimo Hill residential drop-off sites. They have been doing this for 13 years. Recently the Stafford Middle school Leo club has asked that we consider allowing them to provide a wider range of items for collection. They would provide a building to house the collection and be responsible for maintaining the program. The collected material is then recycled or refurbished. One of the ways they handle some materials is thru Stafford schools. The items are given to students who learn refurbishing techniques. They plan to offer the same program to Fredericksburg City schools. 100% of proceeds from the program are given directly back to the local community. One example is helping people who otherwise could not afford, get eye exams, and glasses.

Waste Tire Disposal

The R-Board continues to handle in-house generated tires only. We are averaging approximately 10 tons per month. Currently the tires are being split and landfilled. Staff continues to keep abreast of all possible vendor opportunities and pricing thereof. The Board requested that we monitor illegal dumping of tires in the area. The C2Crew has not seen any increase in dumped tire intake. Staff also reached out to the Stafford Fire and Rescue. Stafford Deputy Fire Marshall John Ennis is keeping us up to date of any changes in volume or new dumping sites. At this time, he reports no uptick in illegal tire dumping.

Single-Stream Update

Since early 2018 staff has been monitoring the single stream commodities pricing and trends regarding demand both nationwide and globally. It appears that the global economy is stabilizing. For the first time since March of 2018, the value of a ton of single stream has surpassed the base value of our last waste audit by \$5.31. Staff is prepared to do an RFP for recycling which will allow us to explore various avenues that may help bring sustainability to recycling.

Goodwill

Staff has reached out to Rappahannock Area Goodwill Industries in order to bring back their “Don’t Dump, Donate” program to the Eskimo Hill residential drop-off site. At the time of this report, Goodwill did express intent to return. They are working on hiring staff for the program.

Mr. Withers asked about taking the paints for HHW day. Ms. Jones said that latex paint is not an issue, and staff will dry it out before disposal.

Community Outreach Supervisor Report Ms. Morris reported on the following:

Roadside Litter Collection

The litter collection program continues to rely heavily on individuals assigned through our partnership with the Rappahannock Regional Jail’s Community-Based Probation Office. Another strong labor source had been the inmates incarcerated at the RRJ. However, this productive and reliable labor force was curtailed, since January, from their work with all agencies, due to the pandemic. The months of January, February, and March, the RRJ closed this aspect of their operation. In mid-April they returned to assist with roadside litter collection. In the months without the inmates, the vast majority of the litter collection program existed through the efforts of community service workers. Multiple assignees each month are received. These individuals are assigned 15-200 hours by the court, and perform their service with the R-Board in either Fredericksburg or Stafford. The blue bags on the roadside reflect their efforts and these efforts have kept the roadsides clean.

The R-Board was advised by Community-Based Probation that the insurance policy that was purchased by the Virginia Department of Correction, as a secondary insurance policy, to cover accidents which might occur as a result of community service, was not going to be renewed by the department. No claims had been made anywhere in Virginia for four years, and the cost of the policy was \$1.25 per participant. Working with VACORP, Stafford County will be obtaining an affordable policy on behalf of the R-Board that will substitute for this secondary coverage. This policy is slated to begin on July 1, with the new fiscal year. With this policy in place, there will be no lapse in coverage.

Volunteer Profile

As the weather has warmed, so has our effort to recruit and support more volunteer efforts to assist with Litter Collection. Early this spring, staff was contacted by Anne and Carl Kline who reside in the Austin Run subdivision. They contacted the R-Board office to volunteer to clean up the area around the Commuter Parking Lot off of Mine Road. They worked several days on this project, including removing a sofa and filling dozens of blue trash bags in the landscape by the lot. The next week they worked on some nearby private property, working through the realtor to secure permission from the owner/investor and also worked with the Sheriff’s Office for safety, as they diligently cleaned up an abandoned homeless camp in the woods along Mine Road. The Kline’s most recent effort of their “spring cleaning adventure” was the vegetation cleanup near the sign to memorialize fallen Virginia State Trooper Jessica Cheney. The

Kline's noticed that there was a large tree fallen near the sign on U.S. Route 1, and they secured permission from the property owner to clear the debris. They made a heroic effort working for days at that site. They cut up the tree, cleared the thick vines and overgrowth and left firewood that was available for free to anyone who would take it. During their efforts a retired gentleman stopped to lend a hand. The free firewood went quickly and the site was restored to looking like a respectable tribute to Trooper Cheney.

Education, Outreach and Partnerships

R-Board staff participated, facilitated, and supported a number of programs since the last meeting:

- Diane Jones and M.C. Morris designed a presentation and served on a panel discussion **TOPIC: Reuse & Repurposing** – February 24 - Sponsored by the Fredericksburg Food Cooperative, currently on YouTube - <https://www.youtube.com/watch?v=UGsFqxcd8>
- Supported VDOT, with our two Stafford R-Board Members, in a community clean up and promotional campaign recruiting volunteers. Thank you to Supervisor Cindy Shelton and Supervisor Meg Bohmke for their commitment and support. Recruited and received local media coverage and video/news coverage from B101.5/WFVA's Ted Schubel, expanding the message.
- Presenting Sponsor "Fredericksburg Earth Day" Weekend, and supported same by being the Saturday evening Family Film Night Sponsor. Staff also secured a video appearance by NBC4's Meteorologist Amelia Draper.
- Provided "Recycle Right" tabletop presentation to Garden Day participants. Spoke at length to 65 City/Stafford residents and many visitors at Maury Park.
- Hosted a Growing Greener Webinar on Zoom – which has gathered 314 views within the first month, with little promotion.
<https://www.youtube.com/watch?v=M7muN6ALVml&t=744s>
- Staff supported three composting classes, two with the Central Rappahannock Regional Library and one with Ebenezer United Methodist Church.
- Supplied equipment and promotional support to three volunteer groups clean ups efforts, Aquia Harbour, Leeland Station, City-wide Clean and Green Commission Cleanup

Comment Cards

The R-Board administrative staff produced comment cards and provided distribution and collection locations at both residential convenience centers. This effort began in February 2021 and is ongoing. The office has collected 361 comment cards as of April 30, 2021. Overall, the community has positive comments regarding both locations, and rates both sites at the top of the scale. The Belman location received significantly more comment cards than Eskimo Hill, due to being a smaller location with staff building a personal relationship with the repeat users. The Belman staff is able to assist customers with greater enthusiasm, because of the size and staffing configuration of this location. Since the Eskimo Hill location is larger, and far busier, building personnel relationships with customers is a considerable challenge.

Overall, customers found that both locations to have a friendly staff, with convenient locations, clean, open seven days a week, and have outstanding service. **The comment cards have at rating of 1 to 5 with 5 being the best. Less than 30 of the 361 cards had a rating of less than 5.**

The few cards with less than a 5 rating remarked about the following issues:

- Wanting longer hours
- Acceptance of hazardous waste on a regular basis
- Cost is too high
- Sell coupon books at Belman location
- Paying to dump debris that is being turned into mulch
- Paying for personal trailers being used for transporting of materials
- Hard to unload debris due to piles being too high
- Some days the smell is terrible
- Open back up on Sundays
- Personnel not wearing masks (an isolated issue)

The staff was buoyed by these strong and positive responses by the public at both of our sites. As in any facility there is always room for improvement and each negative comment is reviewed by staff to see if the comment/matter can be addressed. Overall, these comment cards give evidence that the staff at each location is doing everything possible to make visiting Belman and Eskimo Hill a very positive experience for residential customers.

The staff thanks a loyal volunteer for compiling, and tracking, this data and providing the verbiage for this section of the report.

Ms. Bohmke said that she mentioned the Kline's in her BOS report the previous day, and thanked them for their help.

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

Financial Status

Finances for the R-Board are in good shape through April, 2021. Actual revenue for the seven months is \$7,084,957, for an increase over budget projections of 11 %. Expenses for the same period are \$7,915,489 which is fully-loaded with the new cell construction and the wheel wash system. Total expenses are 4% below projected budget.

Volumes into the landfill have remained constant with just a 2% reduction of materials year over year.

At the end of April, 2021, the R-Board has \$12,914,514 in cash and short-term investments.

Based on the current trending revenue for the past 10 months and the remaining projected expenditures for FY2021 the R-Board is expected to finish FY2021 under budget.

Unfinished Business: Mr. Buchanan reported on the following:

FY2022 Budget

The budget is supported by \$8,309,500 in revenue and \$301,648 in prior year fund balance. The proposed budget is 13.8% more than the current FY 2021 budget.

Revenue and volumes have been returning to normal during FY 2021. Staff is recommending a 3% increase in commercial rates beginning January 1, 2022. The budget includes a 5% pay increase (2.75 cost of living and 2.25 compensation and class).

Staff recommends the purchase of three new pieces of landfill heavy equipment using a Caterpillar purchase agreement. This will be a four-year purchase with a \$1.00 buyout at the end of the term. The budget includes \$500,000 for future cell development.

Capital purchases include a new leachate holding tank to replace the current system. The proposed budget also includes a replacement tarp system and new tarps for daily landfill cover.

The site repairs include work on the commercial front entrance and repair on several sediment ponds.

Staff is currently using temp labor resources for replacement of state correctional workers. There is a scheduled meeting within the next 30 days with the Correctional Superintendent to check on bringing back workers to the landfill.

The goals of the R-Board staff in our budget planning process are:

1. Provide a safe, clean and efficient disposal system for residential and commercial customers of Stafford County and the City of Fredericksburg.
2. Continue to follow all State and Federal guidelines for the operation of the Landfill and the convenience centers.
3. To be conservative in revenue projections and cost minded in the expenditures to insure an attainable budget for FY2022.

Ms. Shelton asked if Stafford County used the lease to purchase option. Mr. Presley said that yes, in Fire and Rescue.

Mr. Withers said that he appreciates more actual budget numbers being used. They are more realistic, and gives the R-Board a better picture of the cost to run the Landfill.

Ms. Bohmke asked about the higher budget numbers for bulbs and HHW. Mr. Buchanan said that costs to run these programs are higher, and the numbers reflect that. She also asked for some clarification for the site improvements line. Mr. Buchanan explained that there are areas of the Landfill that need upgrading, such as the pond and front commercial gate entrance.

Mr. Withers motioned, seconded by Ms. Shelton, to adopt proposed Resolution RB21-01.

By roll call, the vote was:

Yea:	(5)	Baroody, Bohmke, Presley, Shelton, Withers
Nay:	(0)	

RB21-01 reads as follows:

A RESOLUTION TO ADOPT THE FISCAL YEAR 2021 R-BOARD BUDGET

WHEREAS, the R-Board is committed to providing high quality solid waste services to the residents and businesses in the City of Fredericksburg (City) and Stafford County (County); and

WHEREAS, the R-Board is also committed to operating the Rappahannock Regional Landfill in a cost-effective, financially sustainable, and environmentally responsible manner; and

WHEREAS, the proposed budget is responsive to the financial concerns of each locality, as well as our commercial solid waste partners, and demonstrates a commitment to the long-term financial sustainability of R-Board operations; and

WHEREAS, the proposed Capital Improvement Program provides for the necessary replacement of capital equipment, continued compliance with our regulatory permits, the timely completion of future solid waste cells and the closure of cells no longer in use;

NOW, THEREFORE, BE IT RESOLVED by the Rappahannock Solid Waste Management Board on this the 19th day of May, 2021, that the proposed Fiscal Year 2022 Budget presented herein and in the amount of Eight Million Five Hundred Ninety-two Thousand Two Hundred Forty-three Dollars (\$8,592,243) be and it hereby is approved.

Discuss Current vs. Future Model for Fee Structure Mr. Buchanan reported that staff is currently reaching out to residents to hear their thoughts. There are options being considered to address residents use of business vehicles for personal trash, as well as the fee structure. Staff has also investigated the possible use of bag purchases for trash, but they are not getting good feedback. A public hearing may be a great way to take the temperature of the residents before deciding.

New Business:

FY2022 Contracts

Mr. Withers motioned, seconded by Mr. Presley, to adopt proposed Resolution RB21-04.

By roll call, the vote was:

Yea: (5) Baroody, Bohmke, Presley, Shelton, Withers

Nay: (0)

RB21-04 reads as follows:

A RESOLUTION TO AUTHORIZE CARTER MACHINERY COMPANY, INC. TO PROVIDE GOODS AND SERVICES FOR LANDFILL EQUIPMENT

WHEREAS, the R-Board must comply with DEQ regulations requiring that equipment be maintained in top working condition; and

WHEREAS, the majority of the equipment operated by the Regional Landfill is manufactured by Caterpillar; and

WHEREAS, Carter Machinery Company, Inc. of Salem, Virginia is the sole authorized dealer for

providing repair service and parts for Caterpillar equipment in our area; and

WHEREAS, staff recommends the R-Board authorize the use of Carter Machinery Company, Inc. to provide repair service and parts for Caterpillar brand landfill equipment during FY2021 in an amount not to exceed \$644,500; and

WHEREAS, funding in the amount of \$644,500 has been budgeted and appropriated in the adopted FY2022 budget for this purpose;

NOW, THEREFORE BE IT RESOLVED, by the Rappahannock Regional Solid Waste Management Board on this the 20th day of May, 2020, that the County Administrator, or his designee, is authorized to execute a contract with Carter Machinery Company, Inc. in an amount not to exceed Six Hundred Forty-four Thousand Five Hundred Dollars (\$644,500) to provide parts, maintenance services, and goods for Landfill equipment in FY2022.

Ms. Shelton motioned, seconded by Mr. Withers, to adopt proposed Resolution RB21-05.

By roll call, the vote was:

Yea:	(5)	Baroody, Bohmke, Presley, Shelton, Withers
Nay:	(0)	

RB21-05 reads as follows:

A RESOLUTION TO AUTHORIZE AN EMERGENCY EXTENSION WITH DRAPER ADEN ASSOCIATES FOR PROFESSIONAL LANDFILL GAS MONITORING AND MAINTENANCE, ENVIRONMENTAL MONITORING AND MANAGEMENT SERVICES

WHEREAS, the Rappahannock Regional Solid Waste Management Board (R-Board) voted by Resolution RB16-05 to authorize a professional services contract with Draper Aden Associates (DAA) to provide environmental monitoring and engineering support for a period of one (1) year commencing on July 1, 2016; and

WHEREAS, this contract provided for the renewal of these services for four (4) additional years to be negotiated and approved by both parties; and

WHEREAS, there are no additional renewals remaining for this solicitation; and

WHEREAS, due to extensive changes within the County's Procurement Division, the contract has not been completed; and

WHEREAS, staff desires a six-month extension to this contract; and

WHEREAS, funding in the amount of \$390,000 has been budgeted for in the adopted FY2022 budget, beginning July 1, 2021, for this purpose;

NOW, THEREFORE, BE IT RESOLVED by the Rappahannock Solid Waste Management Board on this the 19th day of May, 2021, that the County Administrator, or his designee, is authorized to execute an emergency contract extension of six months, with Draper Aden Associates to provide environmental

monitoring and management services, in an amount not to exceed Three Hundred Ninety Thousand Dollars (\$390,000).

Capital Equipment

The daily operation of the R-Board landfill requires specialized capital-intensive equipment that needs high maintenance and should be replaced at end of life cycle. This equipment is not available to rent therefore requiring having back-up or redundant equipment. Caterpillar Equipment provides the best equipment for the waste disposal industry and staff has determined the need for a new compactor and new tracked dozer. Staff also recommends a new excavator if funds are available. Currently the landfill has one front line compactor, dozer and excavator. The life of these units is expected to be 5 years with additional 2 years life as a back-up. The compactor is a 2018 model with a 1998 model for back-up. The Dozer is a 2016 model with 2019 tracked loader as back-up (this unit will not operate on slopes). The excavator is a 2003 model with no back-up.

Caterpillar Financial offers several lease packages for their equipment designed to meet the needs of government and enterprise agencies. The R-Board has \$1,364,000 available funds for capital machinery and equipment which would cover the straight purchase of a compactor and a dozer. The lease/purchase agreement will be able to use the state contract pricing and was reviewed by the R-Board attorney and Stafford county finance to verify it meets all Local and State laws.

Staff is recommending the purchase of three new pieces of landfill heavy equipment using a Caterpillar lease/purchase agreement. This will be a four-year lease/purchase with a \$1.00 buyout at the end of the term. This agreement has a non-appropriations clause requiring an annual approval of budget. The rate of interest is 2.99 percent. This will allow the R-Board best use of funds while providing replacement equipment every four years. We are also planning on using Caterpillar preventive maintenance service to provide scheduled service every 325 hours on all major landfill equipment.

Annual lease costs	\$ 480,000
Capital Machinery purchases	\$ 200,000
Additional Maintenance	\$ 64,000
Next cell Development	\$ 500,000
Site Improvements	\$ 120,000
Total	\$ 1,364,000

Mr. Withers motioned, seconded by Ms. Shelton, to adopt proposed Resolution RB21-07.

By roll call, the vote was:

Yea: (5) Baroody, Bohmke, Presley, Shelton, Withers

Nay: (0)

RB21-07 reads as follows:

A RESOLUTION TO AUTHORIZE THE LEASE OF A CATERPILLAR
826K COMPACTOR, D-6 DOZER, AND 330 EXCAVATOR

WHEREAS, the Regional Landfill relies on Compactors, Dozers, and Excavators for daily operations;
and

WHEREAS, the equipment fleet is aging and requires periodic replacement; and

WHEREAS, the majority of equipment operated by the Regional Landfill is manufactured by
Caterpillar; and

WHEREAS, Carter Machinery, the sole distributor for Caterpillar equipment in this area, has
proposed to offer a \$500,000 per year lease-to-own for an 826K Compactor, a D-6 Dozer, and a 330
Excavator; and

WHEREAS, funding in the amount of that \$500,000 has been included in the proposed FY2022
budget, for this purpose;

NOW, THEREFORE BE IT RESOLVED, by the Rappahannock Regional Solid Waste Management
Board on this the 19th day of May, 2021, that the County Administrator, or his designee, is authorized to
execute a lease-to-own option with Carter Machinery Company, Inc. in a total amount not to exceed Five
Hundred Thousand Dollars (\$500,000) per year, for an 826K Compactor, a D-6 Dozer, and a 330 Excavator.

Adjournment: The meeting was adjourned at 9:32 a.m.

Future Session: A regular meeting will be held on August 18, 2021, at 8:30 a.m.

Joseph A. Buchanan, Director

Pam L. Timmons, 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: September 1, 2021
RE: Report of the Landfill Superintendent

Cell F3 Operations

We continue to fill Cell F-3 without any issues. Draper Aden conducted the semi-annual flyover on July 8, 2021. With the information provided there is approximately 1,583,248 CY of airspace remaining, which gives us approximately 4.4 years of life remaining for cells F-1, F-2, and F-3 (this includes the 15% reduction for roads and berms).





Rappahannock Regional Solid Waste Management Board

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Compost

We received a draft copy of the new permit and fact sheet on September 16th. Staff is in the process of reviewing them so they can be returned to DEQ.

We were able to trommel some of the City's leaf compost the last week of July. It produced approximately 2.8 tons and has been picked up by City. We still have one more pile to trommel which should produce approximately about the same amount.

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 have been reviewed by County Procurement, the R-Board Attorney, and is at Carter Cat awaiting signature.



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: September 1, 2021

RE: Personnel Report

Staffing:

The R-Board is currently authorized for a total of 42 staff positions, of which 38 are full-time and 4 are part-time. At this time, 29 full-time & 4 part-time positions are filled. Our camp 21 workers have been coming back now with some COVID restrictions in place. We have been able to utilize their help almost every day picking up anywhere from 2-6 workers. With the ongoing spread of the Delta COVID variant we foresee the Detention Center increasing their restrictions again with the potential of another lockdown.

M.C. Morris, the R-Board Landfill Community Outreach Supervisor took on a new position with the City of Fredericksburg. We have recently been through the interview process for her replacement and Francesca Johnson will be officially starting as the new Landfill Community Outreach Supervisor on September 7th, 2021.

M.C. did a great job at initiating a probationary work program to help keep Stafford clean and we wanted to make sure that it was kept up with. The R-Board hired an outside administrator Joyce Brent to oversee the program in the interim. Joyce has a fantastic background in public service and has been able to pick up the program with ease.

John Becker and Adam True have moved on from the landfill both leaving in the month of August.

We are still actively recruiting for the positions of Heavy Equipment Operator, Heavy Equipment Mechanic, and Landfill Maintenance Worker.



Rappahannock Regional Solid Waste Management Board

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Training and Career Development:

Continued to monitor COVID-19 protocols and re-institute a mask policy inside our office buildings or within 6 ft. of another individual.

Staff has continued to work through courses on Cornerstone such as advanced classes on Microsoft Office programs, confined space training, and customer service training as well as our annual unauthorized waste training required by the DEQ each year.

MacKenzie Bellimam attended the VA DEQ Stormwater Program Administrator Certification course.

Accolades

Several years ago one of our landfill employees Mark Ward assisted in making a gray container for a local scout troop. Over the years this container has received hundreds of pounds of recyclable electronics which have been reused in the schools or recycled for cash to donate to S.E.R.V.E.



More recently, Diane Jones our Recycling Manager has helped the R-Board to partner with the Stafford Middle School Leo Club to add larger E-Waste to our recycling program. A shed was constructed by the club for this purpose on the Residential side of the landfill.

We would like to thank Mark and Diane for their efforts to help our community recycle and put forth the effort to prevent items from being landfilled.



Rappahannock Regional Solid Waste Management Board

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TO: R-Board Members
FROM: MacKenzie Bellimam, *Environmental Technician*
DATE: September 1, 2021
RE: Environmental Compliance Report

VA DEQ Compliance Inspection Report:

SW Permit No. 589: On June 25, 2021, the Virginia Department of Environmental Quality staff conducted a compliance inspection of the solid waste management facility. During the inspection, DEQ staff observed areas of rills and exposed waste. On June 30, 2021, DEQ issued a Deficiency Letter citing the noncompliance. R-Board staff corrected the areas of noncompliance within a timely manner and DEQ acknowledged the corrective action that was executed.

Update on VA DEQ Consent Order:

VWP No. WP4-20-0193: On June 24, 2021, Resource Environmental Solutions LLC. (RES) conducted baseline monitoring of the impacted wetland area observed in the Consent Order issued by VA DEQ. During their monitoring, RES observed the success of their restoration efforts within the wetland area. In addition, on 06/07/21 and 06/16/21, R-Board partnered with Rappahannock Regional Jail (RRJ) offenders to remove additional sediment from stream channel within the facility's drainage area that leads to the impacted wetland area. On July 29, 2021, RES compiled all observations and corrective action for a Baseline Monitoring Report to be submitted to VA DEQ. The report highlights the steps taken to restore the impacted area and provides a reference for the schedule of restorative corrective action.

The civil charge of **\$39,000** was paid in full on July 21, 2021.

SW Permit No. 589: On May 18, 2021, VA DEQ approved the adjustment request for the civil charge reduction of 30%. As a result, the civil charge was reduced to **\$11,375** and be paid in full by September 2, 2021. In addition, the Consent Order presents a one-year restoration monitoring period.

Since the Consent Order, the R-Board operations and maintenance staff have brought in soil to cover and track our slopes to provide adequate cover to reduce rills and exposed waste. In addition, the soil will be seeded to establish vegetative cover to reduce erosion.



Rappahannock Regional Solid Waste Management Board

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Stormwater eDMR Reporting: Semiannual stormwater eDMR report was submitted on 07/08/2021. Chris Hoover assisted in stormwater sampling collection; this was a first-time experience.



DAA Engineering & Environmental Consulting:

Engineering: In July, DAA conducted an annual flyover of the facility.

Groundwater: An alternate source demonstration (ASD) request was submitted to VA DEQ addressing a statically significant increase (SSI) of silver. The request asks to review the SSI of silver and other present inorganics in our groundwater protection system (GPS). The R-Board and DAA are still awaiting a response from VA DEQ.

Air: DAA conducted a walkthrough of the facility to address concerns and new information for the renewal of the facility's Title V Permit.



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: September 1, 2021
SUBJECT: Recycling and Outreach Updates

Household Hazardous and Electronics Waste Collection Day

The R-Board and Stafford Middle School Leo's club hosted the Household Hazardous and Electronics Waste Collection Day on Saturday, June 12th. We are very thankful to the Stafford Regional Airport Authority for allowing us to use their site for this program. A record number of participants (868) came. The entrance to the program was able to stack 75 cars which was the case up to the last half hour. Some statistics include 13,710 gallons of materials were collected. There were four (55) gallon drums of small batteries (Lithium, Nicad.) R-Board staff collected 13,560 lbs. of latex paint which was hardened and landfilled. 560 pounds of cardboard was recycled. Staff also noted that propane tank collection was up significantly. The Leo's collected over 6,000 lbs. of electronics.



Electronics Recycling

In May the R-Board was approached by the Stafford Middle school Leo's club. They desired to expand the collection of electronic waste. An agreement was signed. This will be a year around program. The Leo's provided all the necessary supplies for the collection system. They will be responsible for maintaining the system. This new program greatly expands items accepted at the Eskimo Hill residential drop-off site. The collected materials are recycled or refurbished. 100% of proceeds from the program are given directly back to the local community.



Rappahannock Regional Solid Waste Management Board

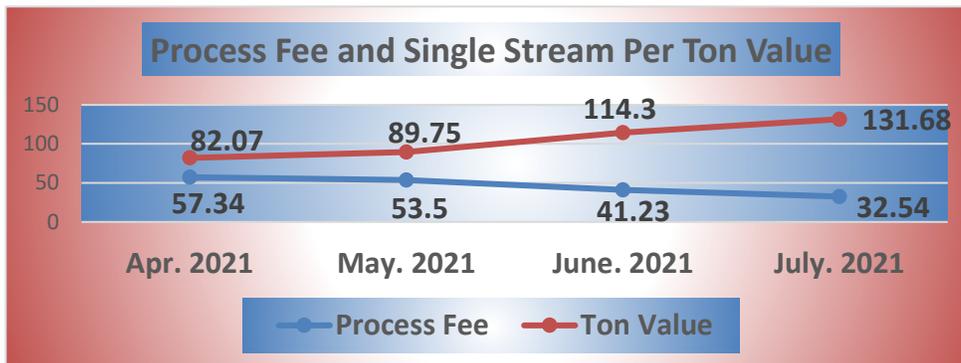
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Single Stream Update

Staff has performed an RFP for the handling of recycling materials. Three responses were received. An evaluation committee reviewed and found Tidewater Fibre Corporation, "TFC" to be the most responsible. Key points of the RFP from the TFC proposal include:

- Significant savings compared to current contract. (Estimate \$66,000, based on bullets 1-4.)
- Compactor rental fee reduced by 50%.
- 100% revenue market split (current contract is at 50%.) This reflects in the processing fee.
- Increase in transportation cost. (From \$315 to \$360 per load.)
- Potential to provide intermediate processing which would increase revenue
- Potential to improve access to this recycling program for others in the market.

A resolution will be presented to the Board at this meeting.



Litter Control

The Department of Environmental Non-Competitive Litter Prevention and Recycling Grant

The grant application was completed and submitted. Grant period covers from July 1, 2020 to June 30, 2021. Some highlights include:

- 4,024 volunteer hours were received.
- 128,600 lbs. of roadside litter were collected.
- 94 probationers cleaning roads were managed.
- Total value of free clean-up hours \$109,304.00



Rappahannock Regional Solid Waste Management Board

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Outreach

The last quarter good weather and lower Covid-19 numbers allowed for greater amounts of outside educational opportunities and outreach.

Stafford Parks, Recreation and Community Facilities Summer Camps.

In June and July, the R-Board was asked to participate in activities. We transported the Education Trailer to Curtis Park where we provided several classes/ages of campers age-appropriate learning opportunities about recycling and environmental stewardship. As always, several of the younger students in each class were extremely articulate and educated on the environment and assisted in leading the discussion. We were delighted to make the presentations which were very well received by the happy campers. The R-Board greatly appreciated the PRCF invitation.



B101.

Provided an exciting summer partnership to the R-Board with their family-friendly promotion the “Chalk It Up Challenge” we provided the prizes (10 sidewalks chalk kits) and we received \$1500+ of promotional value including 100 on-air message announcements, listings and messaging in their weekly newsletter delivered to 7000+ subscribers and website presence. We promoted our Focus on Four message to their audience and were very grateful for being asked to participate.

Colonial Forge Commonwealth Governor’s Schools

Stafford teacher, Fredericksburg resident, and environmental advocate, Konrad Heller, asked for a special bus tour of the landfill to be provided to his 20+ science enrichment students. Konrad is a science teacher at Colonial Forge, and teaches summer students from the region selected to attend the Commonwealth Governor’s Schools as freshmen, in the fall. The fieldtrip was led by MacKenzie Bellimam, Environmental Technician, for the R-Board. Casiana De Jesus, R-Board summer intern, provided additional educational content.



Rappahannock Regional Solid Waste Management Board

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LEO's E-Waste Recycling Shed

is OPEN for all your E-Business! The story of the Leo's work to help the community through e-waste recycling caught the eye of the Free Lance-Star and received a front-page article written by reporter, Jim Baron.





Rappahannock Regional Solid Waste Management Board

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Citizens Meet to Discuss Litter Prevention

On July 26, R-Board representatives Rick Markwardt and M.C. Morris met with Supervisor Meg Bohmke and her constituent, and litter prevention advocate, Karen Brown, at the Historic Port of Falmouth to discuss the need for education regarding pollution on that site, as the river is such an environmentally sensitive area. That meeting transitioned well. On August 5 a group of five anti-litter activists representing different regions in Stafford met. Their goal is to advocate for litter prevention and place greater focus on environmental education throughout Stafford County. “The Litter GetHERS” met at the R-Board’s Educational Center. Supervisor Meg Bohmke attended and facilitated the meeting. Tracey Laverty, representing Keep Virginia Beautiful, also attended, and Intern Casiana De Jesus provided information to this group on the R-Board’s recycling advocacy program. This first meeting had great energy and passion among the gathering. Hopefully future meetings will be held and much good will come from the advocacy and energy of these ladies.



In conclusion, I want to thank the R-Board members and staff for the rewarding professional experience during my work as your Community Outreach Supervisor, for the last three years. While the pandemic certainly caused us to shift our outreach focus, we were able to continue to produce meaningful content, and gather some impressive (and hopefully sustainable) partnerships, allowing the R-Board to continue its essential core mission and expand its reach deeper into the community. Thank you for the opportunity to serve. It has been educational, gratifying, and energizing. Wishing you all success - and the best - in all future endeavors.



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: September 1, 2021
RE: Financial Status

Financial Status

The unaudited year-end report for FY2021 is included in the board packet. Actual revenue for the year was \$8,679,736. This was 15% above approved budget. Expenses for the same period was \$ 9,065,420 which included \$ 3,013,286 for the new F-3 cell. The approved FY 2021 budget included \$ 1,000,000 for the new cell from the operating budget and \$2,200,000 from cash and investments.

The unaudited total costs for the F-3 cell including FY2020 and FY2021 is \$ 4,168,853. The estimated and budgeted costs for F-3 was \$ 4,200,000.

In July, the first month of FY2022 the R-Board received \$681,855 in revenue. This is 8% ahead of budgeted revenue. Expenses for the same period were \$ 369,767.

At the end of July 2021, the R-Board had \$13,291,118 in cash and short-term investments.

August 31, 2021

R-Board

Expenses

	FY2021 Adjusted Budget	Actual Spent to Date		YTD Actual July	YTD Actual Aug	YTD Actual Sept	YTD Actual Oct	YTD Actual Nov	YTD Actual Dec	YTD Actual Jan	YTD Actual Feb	YTD Actual Mar	YTD Actual Apr	YTD Actual May	YTD Actual Jun
10-01 Salaries-Regular	1,693,729	1,715,747	101.3%	119,798	138,335	133,353	132,135	126,115	152,905	172,036	134,509	134,614	132,127	128,962	210,858
10-02 Salaries-Overtime	165,000	143,759	87.1%	6,579	3,004	16,824	14,283	19,876	23,146	18,974	10,803	4,459	4,126	6,026	15,659
10-03 Salaries-Part Time	90,260	94,165	104.3%	5,610	6,319	6,333	6,259	8,242	9,436	6,427	5,669	8,712	8,468	8,415	14,275
21-01 Social Security/Medicare	143,338	143,652	100.2%	9,498	10,244	10,839	10,541	11,396	13,554	16,148	11,168	10,823	10,718	10,647	18,076
22-10 VRS	187,290	166,561	88.9%	14,157	13,688	-27,845	13,200	13,449	13,394	13,915	15,718	14,791	14,568	53,477	14,049
22-11 ICMA Hybrid Employer	19,220	19,114	99.4%	1,820	1,684	-3,504	1,617	1,627	1,427	1,542	1,541	6,794	1,614	1,477	14,049
23-01 Anthem	390,000	358,708	92.0%	30,675	28,954	28,326	27,741	30,299	30,719	30,551	30,551	31,663	30,890	29,176	29,163
23-03 Opt-Out	6,230	5,862	94.1%	503	502	503	352	503	352	503	502	492	497	500	503
24-01 Life Insurance	22,870	22,414	98.0%	1,929	1,855	1,814	1,789	1,820	1,789	1,866	1,866	1,985	1,953	1,874	1,874
25-01 Unemployment	12,120	3,693	30.5%	0	0	0	0	0	0	0	0	0	2,202	0	1,491
25-21 Hybrid Disability Program	5,280	4,338	82.2%	397	368	351	342	354	324	355	354	399	386	354	354
27-20 Workers Compensation	75,000	86,114	114.8%	5,854	6,269	6,428	6,395	6,826	8,169	9,700	6,692	6,518	6,411	6,360	10,492
28-02 Compensated Absences	27,058	0	0.0%	0	0	0	0	0	0	0	0	0	0	0	0
28-09 License/Certifications	12,000	3,855	32.1%	131	10	1,220	0	0	0	0	0	1,072	507	85	780
28-20 Education/Tuition Assist	0	0	0.0%	0	0	0	0	0	0	0	0	0	0	0	0
30-15 Fees for Services	12,000	14,455	120.5%	149	1,739	0	814	1,008	2,882	2,882	58	2,089	1,138	1,065	3,513
31-08 Physical Exams	1,000	237	23.7%	0	0	0	88	0	89	89	89	89	0	-118	0
31-20 Audit Fees	8,250	8,250	100.0%	2,063	0	0	0	2,063	0	2,063	0	0	2,062	2,062	0
31-30 Management Services	82,701	38,939	47.1%	0	25,672	23,889	0	36,366	0	20,611	0	47,101	23,052	17,628	-155,380
31-44 Environmental Monitor	261,010	224,495	86.0%	0	5,800	8,350	0	0	0	2,465	0	57,140	0	17,692	133,048
31-50 Legal Services	24,000	24,000	100.0%	2,000	0	2,000	2,000	2,000	2,000	2,000	2,000	4,000	0	2,000	4,000
31-52 Filing Fees	85,000	84,401	99.3%	21,598	0	23,603	0	8,317	11,706	13,673	15,047	10,303	11,002	1,800	2,024
31-64 Single Stream Process	153,288	114,819	74.9%	6,588	1,800	8,631	17,236	15,323	11,706	13,673	15,047	10,303	11,002	1,800	2,024
31-67 Household Hazardous Wst	70,000	41,994	60.0%	0	0	2,377	670	30,468	3,567	0	4,528	0	0	0	384
31-68 Tire Disposal	60,000	46,320	77.2%	5,450	2,015	6,298	9,267	1,050	8,798	400	72	0	0	0	12,970
33-09 Facilities-Buildings	11,500	11,395	99.1%	0	679	7,937	351	1,326	0	750	0	345	0	0	7
33-10 Repairs & Maintenance	377,603	299,539	79.3%	8,713	2,268	21,137	24,310	25,337	33,215	37,806	33,456	39,638	32,670	20,948	20,041
33-20 Contracts	52,000	49,559	95.3%	1,967	613	1,707	2,625	3,528	3,744	2,270	1,533	1,829	2,388	10,794	16,561
34-05 Transportation	1,500	481	32.1%	71	20	20	20	20	20	20	20	20	158	72	0
35-01 Printing & Binding	6,000	5,769	96.2%	832	0	494	0	1,131	350	1,048	0	189	450	120	1,155
36-11 Public Notification	1,500	1,497	99.8%	0	0	0	0	1,232	0	0	0	65	0	0	200
39-10 Litter Control	68,000	40,861	60.1%	0	1,056	3,238	3,040	2,741	2,250	2,512	309	2,376	5,208	6,617	11,514
40-07 Admin Charge-Fiscal Agnt	336,464	336,464	100.0%	84,116	0	1,056	8,118	1,664	1,728	1,623	2,759	2,834	1,295	1,729	3,678
51-10 Electrical	24,000	22,919	95.5%	2,026	77	1,688	1,818	1,664	1,728	1,623	2,759	2,834	1,295	1,729	3,678
51-30 Water & Sewer	20,000	19,253	96.3%	18	1,306	854	806	1,898	2,931	3,414	3,998	640	1,146	887	1,355
52-10 Postage	3,000	967	32.2%	51	29	56	29	283	94	28	285	26	6	7	73
52-30 Phone	16,000	15,879	99.2%	2,080	0	1,157	1,198	1,325	1,076	1,200	1,205	1,439	249	894	4,056
52-31 Mobile Phones	14,000	16,683	119.2%	0	0	2,888	0	1,565	1,516	1,539	1,529	1,523	0	3,200	2,923
52-38 VOIP Exp Billing	9,991	11,550	115.6%	560	355	960	321	1,283	1,271	572	1,127	1,004	999	657	2,441
53-04 Property	45,000	45,000	100.0%	45,000	0	0	0	0	0	0	0	0	0	0	0
53-05 Motor Vehicle	27,500	27,500	100.0%	27,500	0	0	0	0	0	0	0	0	0	0	0
54-10 Equipment	46,850	34,804	74.3%	4,663	0	0	7,873	4,147	3,437	217	267	3,001	0	10,212	987
55-10 Mileage/Parking/Tolls	1,200	98	8.2%	50	0	0	0	0	0	0	0	48	0	0	0
55-40 Seminars & Conferences	5,000	984	19.7%	0	0	0	0	0	0	0	0	0	231	0	753
55-41 Meeting Expenses	3,500	3,581	102.3%	0	0	32	0	147	631	1,702	81	40	0	0	948
58-01 Dues & Membership	2,500	1,907	76.3%	0	0	0	0	223	0	350	843	223	0	268	0
60-01 Office	8,000	11,034	137.9%	624	11	1,079	514	943	1,049	577	905	566	594	793	3,379
60-03 Agricultural-Lawn Care	4,000	4,062	101.6%	0	0	4,160	0	-98	0	0	0	0	0	0	0
60-05 Custodial/Janitorial	12,000	11,502	95.9%	91	515	432	763	124	2,826	1,495	1,864	1,022	350	498	1,522
60-07 Repairs & Maintenance	542,157	573,273	105.7%	19,669	7,200	85,100	55,000	19,314	78,137	67,000	80,926	55,520	24,211	21,870	59,323
60-08 Vehicle Fuels	266,331	234,948	88.2%	14,758	5,526	14,414	11,423	15,876	10,117	37,740	23,477	22,915	25,524	23,361	29,817
60-11 Uniform & Wes Apparel	36,000	32,945	91.5%	2,297	924	4,154	2,116	2,044	5,160	2,787	2,555	2,631	2,603	2,301	3,373
60-12 Books/Subscriptions/Sf Medi	1,000	1,092	109.2%	0	0	249	0	210	0	0	0	0	0	0	633
60-14 Operating	6,000	4,047	67.5%	1,473	0	0	500	0	0	0	500	1,074	500	0	0
60-19 Personnel Safety Equip	5,500	4,821	87.7%	0	140	862	301	1,684	1,090	434	0	0	0	310	0
60-20 Vehicle Parts & Tires	36,500	34,988	95.9%	5,150	153	4,344	424	2,380	2,380	2,412	4,223	3,605	643	10,782	0
60-31 Machinery & Equipment	22,000	13,107	59.6%	81	0	519	106	704	0	6,986	733	401	2,211	562	714
60-32 Furniture & Fixtures	1,500	236	15.7%	236	0	0	0	0	0	0	0	0	0	0	0
60-33 Communications Equip	500	0	0.0%	0	0	0	0	0	0	0	0	0	0	0	0
60-34 Computer Equipment	5,000	3,292	65.8%	0	30	308	1,159	574	30	29	547	35	388	192	0
60-47 Site Improvements	111,223	115,781	104.1%	0	0	17,217	12,686	20,062	5,484	7,301	5,831	25,627	3,615	9,770	8,188
81-01 Machinery & Equipment	47,000	24,630	52.4%	1,546	0	1,145	20	161	4,294	382	0	18,813	0	0	0
82-01 Machinery & Equipment	350,547	175,599	50.1%	193	356	131,249	24,937	0	51	0	0	0	0	0	0
82-11 Improvements to Site	34,640	23,912	69.0%	0	0	23,484	0	0	0	0	0	0	0	0	0
82-12 Improvements to Bldg	15,000	1,720	11.5%	0	0	0	0	0	0	0	0	0	0	0	0
82-15 Cell Improvements	0	0	0.0%	0	0	0	0	0	0	0	0	0	0	0	0
82-30 Cell F-3	3,214,894	3,013,286	93.7%	1,195,730	0	0	0	0	0	0	0	1,527,002	111,083	5,359	174,112
Totals	9,399,824	9,065,460	96.4%	1,654,145	267,287	573,696	489,127	414,378	443,900	585,272	411,850	2,061,327	1,014,507	432,756	717,215

**R-Board Landfill
Revenue / Expense**

Revenue	FY2020 Adopted	YTD Actual Jul.
01-02 Interest on Investments	50,000	0
01-74 Allegiance Capital	0	0
02-35 Rental Cell Tower Sites	12,000	0
25-01 Recycling Revenue	90,000	725
25-02 Commercial	6,250,000	618,133
25-03 Municipal-Stafford	40,000	0
25-04 Municipal-Fredericksburg	283,200	21,162
25-05 Utilities Audit/dn/Retris	350,000	33,577
25-06 Residential	685,000	36,354
25-10 Sale of LF Gas	50,000	0
25-05 City Sludge Disposal	340,000	11,206
99-01 Miscellaneous	5,000	0
04-07 Litter Control	25,000	0
06-00 Prior Year Fund Balance	1,355,567	96,297
Totals	9,135,767	829,454

Expense	FY2020 Adopted	YTD Actual Jul.	Total Encumbrance
10-01 Salaries-Regular	1,473,070	59,277	
10-02 Salaries-Overtime	120,000	11,937	
10-03 Salaries-Part Time	306,190	1,154	
21-01 Social Security/Medicare	120,810	5,330	
22-10 VRS	346,250	11,561	
22-11 ICMA Hybrid Employer	5,000	884	
23-01 Anthem	377,301	28,394	
23-03 Opt-Out	2,020	203	
24-01 Life Insurance	29,340	1,612	
25-01 Unemployment	12,120	0	
25-21 Hybrid Disability Program	30,630	329	
27-20 Workers Compensation	53,640	5,109	
28-02 Compensated Absences	26,270	0	
28-09 License/Certifications	30,840	79	
28-20 Education/Tuition Assist	1,500	0	
30-15 Fees for Services	6,000	0	
31-08 Physical Exams	1,000	0	
31-20 Audit Fee's	8,250	2,063	
31-30 Management Services	380,365	0	
31-44 Environmental Monitoring	111,500	0	
31-50 Legal Services	21,000	0	
31-52 Filing Fee's	30,000	4,384	
31-64 Tire Disposal	175,000	0	
31-67 Household Hazardous Waste	80,000	0	
31-68 Tire Disposal	300,000	1,350	
33-09 Facilities-Buildings	11,310	0	
33-10 Repairs & Maintenance	295,000	7,130	
33-20 Contracts	67,500	2,020	
34-05 Transportation	1,500	80	
35-01 Printing & Binding	7,000	0	
36-11 Public Notification	500	0	
36-12 Other	1,000	375	
39-10 Litter Control	68,000	2,261	
40-07 Admin Charges-Fiscal Agnt	283,425	70,856	
51-10 Electrical	20,000	295	
51-30 Water & Sewer	9,900	1,102	
52-10 Postage	3,000	23	
52-30 Phone	35,000	118	
52-31 Mobile Phones	34,000	0	
52-38 VOIP Exp Billing	4,300	352	

Expense	FY2020 Adopted	YTD Actual Jul.	Total Encumbrance
53-04 Property	44,000	44,000	
53-05 Motor Vehicle	27,500	27,500	
54-10 Equipment	55,850	0	
54-20 Building or Office	35,000	0	
55-10 Mileage/Parking/Tolls	1,200	79	
55-40 Seminars & Conferences	5,000	145	
55-41 Meeting Expenses	2,000	0	
58-01 Dues & Membership	1,500	0	
60-01 Office	8,000	179	
60-03 Agricultural-Lawn Care	4,000	0	
60-05 Custodial-Janitorial	12,000	491	
60-07 Repairs & Maintenance	434,925	7,922	
60-08 Vehicle Fuels	350,000	4,359	
60-11 Uniform & Wearing Apparel	33,000	1,324	
60-12 Books/Subscriptions/ST Media	1,000	0	
60-14 Operating	5,500	500	
60-19 Personnel Safety Equip	4,000	0	
60-20 Vehicle Parts & Tires	35,500	1,045	
60-31 Machinery & Equipment	21,555	2,845	
60-32 Furniture & Fixtures	1,500	0	
60-33 Communications Equipment	500	0	
60-34 Computer Equipment	5,050	26	
60-47 Site Improvements	138,000	0	
81-01 Machinery & Equipment	385,000	0	
81-12 Improvements to Buildings	0	0	
82-01 Machinery & Equipment	1,214,143	0	
82-11 Improvements to Site	1,681,340	0	
82-12 Improvements to Building	12,850	0	
82-13 Land	479,300	0	
82-15 Cell Improvements	354,023	0	
Totals	9,135,767	308,693	

End Year FY21

Weight and Material Analysis

Unaudited

CATEGORY	End Year FY21 <u>Weight</u>	End Year FY20 <u>Weight</u>	Difference <u>%</u>
Billable			
Commercial Waste	57093	61321	-7%
Residential Waste	60253	52555	15%
Fredericksburg	6787	6407	6%
Eskimo Hill	20112	20407	-1%
Belman Road	1318	1351	-2%
Mixed Surcharge add \$30/T	71	115	-38%
Debris Waste	61991	61873	0%
Dirt	566	1852	-69%
Tires Commercial	143	348	-59%
Sludge (city)	3806	4278	-11%
Sludge (county)	13469	13234	2%
Yardwaste	1146	1288	-11%
BILLABLE TONNAGE	226755	225029	1%
Non-Billable			
Litter/Cleanups	40.12	68	-41%
Recycling	7940.2	5197	53%
TOTAL TONNAGE	234,735	230,294	2%



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: September 1, 2021

RE: Purchase of Posi-Shell Applicator

The FY 2022 budget included a new replacement tarp machine for daily landfill cover. Staff recommends using a spray application machine in place of the tarp machine. The costs for the tarp machine was \$ 75,000 and the costs of the spray applicator is \$ 72,515.00. Several local counties currently use this equipment and have found it to be a better alternative to using dirt or tarps for daily cover. In addition, this applicator can be used to treat our acidic soils and as a hydro seeder.

Environmental Coatings Applicator Model PSA-1000

**If your dozer can go there,
so can our Applicator.**



LSC Environmental Products, LLC
www.LSCenv.com • sales@LSCenv.com • 800-800-7671





**ENVIRONMENTAL
PRODUCTS, LLC™**

2183 Pennsylvania Avenue
Apalachin, NY 13732
Phone (607) 625-3050
Fax (607) 625-2689

Quote

Quote # 45637
Date 8/17/2021

Name / Address

RAPPAHANNOCK REGIONAL SWM BOARD
LANDFILL
473 ESKIMO HILL ROAD
STAFFORD, VA 22554

Ship To

RAPPAHANNOCK REGIONAL SWM BOARD
LANDFILL
489 ESKIMO HILL ROAD
STAFFORD, VA 22554

Customer PO		Date	Shipping Terms	Terms	
		8/17/2021	FOB Origin	PREPAY	
Product ID	Qty	Description	Price	Total	
SOE900000	1	POSI-SHELL APPLICATOR, MODEL PSA-1000 (TOW BEHIND)	69,600.00	69,600.00T	
600060	1	MANUAL HOSE STORAGE REEL W/125' DOUBLE JACKET FIRE HOSE	1,550.00	1,550.00T	
520020-ES	1	MOBILIZATION - SOLD EQUIPMENT	1,365.00	1,365.00T	
<p>Your order is accepted subject to the Terms and Conditions of Sale set forth on both sides hereof and on any continuation sheets. Acceptance is expressly conditional on your assent to the Terms and Conditions of Sale. Applicable sales tax will be added to the final invoice.</p>			<p>Subtotal</p> <p>Sales Tax (5.3%)</p> <p>Total</p>	<p>\$72,515.00</p> <p>\$3,843.30</p> <p>\$76,358.30</p>	

Thank you for your interest. Quotes excluding shipping are good for 14 Days.



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, Regional Landfill Director
Date: September 1, 2021
RE: Current vs. Future Model for Fee Structure

The landfill announced an oversized load fee in April, 2019 and imposed a \$20 fee per trip for residential customers utilizing certain types of vehicles and trailers exceeding 8 feet in length on July 1, 2019. In 2018, residential fees were raised for annual pass purchasers from \$100 to \$125; single visit entrance fees at the gate for standard size loads were raised one dollar from \$4 to \$5; coupon books (of ten) were raised from \$30 to \$40.

At the R-Board's meeting in November 2020, Chairman Kelly, requested further discussion on the oversized load fee.

The consensus of the anecdotal comments received at the landfill from the public is that the standard load fee structure of \$5 appears to be fair. The disparity between the \$5 fee and the \$20 fee is the point of contention, as well as the problem that annual passes cannot be used for trailers greater than 8' in length. There is also concern about commercial usage of the residential site, as well as out of service area users.

The \$20 oversized load fee solution sought to provide a compromise to enable residential larger loads to pay more equitably, without being required and inconvenienced by weighing materials on the commercial scales. The purpose of the separate entrance and scales system is to accommodate all commercial customers. The inability to capture the commercial users who are operating under the guise of residential use loses revenue and also puts the commercial customers, who are playing by the rules, a great disadvantage in the marketplace. The "fake" residential customers appear with great regularity, frequently on the weekends when the lines are too long, and staff is too busy to engage them for inquiry. Many of these have identifiable logo shirts, and pay a \$5 fee or a \$20 fee bringing tons of building demolition (C&D) materials through the gates. They are certainly commercial customers who are providing false information to our sales staff, and should be weighing their material at the scales and paying our commercial customer rate ranging from \$32 - \$41 per ton



Rappahannock Regional Solid Waste Management Board

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Recommendation of R-Board Staff

Categories can be established for the different trailer lengths. Access for all vehicles remain the same, through the residential side entrance. Recommended rate structure:

8' Trailers or Less – Remain - \$5

Trailers Over 8' to 14' - \$10

**Trailers greater than 14' and oversized loads
that are not trailers - \$20**

Staff would like to recommend a public hearing at our November 17, 2021 meeting.



Rappahannock Regional Solid Waste Management Board

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

RB -08

PROPOSED

RAPPAHANNOCK 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 1st day of September, 2021:

MEMBERS:

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

VOTE:

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

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 1th 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



Rappahannock Regional Solid Waste Management Board

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

RB21-09

PROPOSED

RAPPAHANNOCK 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., Administration Center, Stafford, Virginia, on the 1st day of September, 2021:

MEMBERS:

Mathew J. Kelly, Chairman
Meg Bohmke, Vice Chairman
Tim Baroody
Thomas C. Foley
Cindy C. Shelton
William C. Withers, Jr.

VOTE:

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

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 recyclable 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.



Rappahannock Regional Solid Waste Management Board

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A Copy, teste:

RAPPAHANNOCK REGIONAL SOLID WASTE
MANAGEMENT BOARD

Joseph A. Buchanan, Director