

MINUTES
RAPPAHANNOCK REGIONAL SOLID WASTE MANAGEMENT BOARD
NOVEMBER 16, 2023
Board of Supervisors Chambers

Meeting Convened: A regular meeting of the Rappahannock Regional Solid Waste Management Board (R-Board) was convened at 10:04 a.m. on November 16, 2023.

Roll Call: The following members were present: Timothy J. Baroody; Meg Bohmke; Monica Gary; Jon A. Gerlach; Matthew J. Kelly; and Randy Vosburg.

Also in attendance were: Bill Hefty, R-Board Attorney; Rick Markwardt, Landfill Superintendent; Susan Carpenter, Assistant Landfill Superintendent; Francesca Johnson, Recycling Manager; Hope Mikelson, Community Outreach Supervisor; Pamela Timmons, Clerk; and Phillip Hathcock, Director.

Mr. Kelly motioned, seconded by Ms. Bohmke to approve the agenda.

By roll call, the vote was:

Yea:	(6)	Baroody, Bohmke, Gary, Gerlach, Kelly, Vosburg
Nay:	(0)	

Approval of the minutes of prior meeting: Ms. Bohmke motioned, seconded by Mr. Kelly, to approve the minutes from the August 17, 2023 meeting.

By roll call, the vote was:

Yea:	(6)	Baroody, Bohmke, Gary, Gerlach, Kelly, Vosburg
Nay:	(0)	

Plastic Litter Awareness: Mr. Bryon Southall introduced Ms. Karen Brown to present the plastic litter awareness that is progressing within the region.

Ms. Bohmke reported that she has seen what a good job Ms. Brown is doing and would like to reach out to the schools on litter control and education.

Mr. Gerlach thanked Ms. Brown and agreed that microplastics are a problem.

Presentations by the Public: The following members of the public desired to speak:

Tim Rudy - Thanked staff and continues the wish that a consideration be given to senior citizens in the form of a small discount for annual passes.

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

Mr. Gerlach presented Mr. Kelly with a proclamation for the many years and hard work as a member of the R-Board.

Mr. Kelly thanked everyone. He was happy that the PPEA process was adopted, and also spoke to Marcy Parker (VDOT) regarding road improvements. Feels it is time to start talks regarding the building of a MRF facility. It will be a big step forward.

Ms. Bohmke agrees with Mr. Kelly and would like to move forward as a Board. She thanked him for his contributions over the years.

Ms. Gary also thanked Mr. Kelly for the work he has done as an R-Board member.

Mr. Gerlach asked Mr. Hathcock to continue looking into a PPEA.

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

F-Cells Operation & Status: Fill operations continue within the F-Cells without any issues at this time. On July 11, 2023, TRC conducted the semi-annual airspace survey of the active cells. Overall, an estimated 252,721 cubic yards of airspace was consumed between January 20, 2023, and July 11, 2023. Based on the elevations gathered during the airspace survey, the remaining capacity in the active cells is approximately 858,812 cubic yards, which is equivalent to 1.7 years of remaining life.

Cell G-1/G-3 Construction: Planning for Cell G-1/G-3 construction is currently ongoing. The R-Board is expecting to receive completed construction plans by January/February 2024 timeframe. Bidding for the project will begin shortly after, with the notice to proceed given by March/April 2024.

New Equipment FY24: The R-Board has received a quote from Carter Cat for a new D6 dozer, however, this order has not been placed at this time.

Mr. Markwardt reported that the D6 dozer is now on its way. Mr. Bohmke asked about the original time frame. He replied that it was originally scheduled for a January, 2024 order, but another landfill cancelled its order.

Report of the Assistant Landfill Superintendent: Ms. Carpenter reported on the following:

Staffing The R-Board is currently authorized for a total of 42 positions, of which 37 are fulltime and 5 are part-time, and at this time we are fully staffed. We have a new staff member to join our team, Nathan Peebles. Nathan has been hired as a Landfill Gate Attendant. Eddie Carico was hired as a Maintenance Worker II. Eddie has a background in the ground maintenance field. Also hired was Jason Bishop as a Landfill Heavy Equipment Mechanic. Jason has seven years of mechanic maintenance experience.

Training and Career Development Phil Hathcock and Susan Carpenter attended the Solid Waste Regulatory training through SWANA. We received 5 CEU credit hours towards our Waste Management Facility Operator's License. Susan Carpenter attended the Refresher Course for Sediment and Erosion, in which I received 6 credits toward my Erosion and Sediment Control Program Administrative License. Kim

McElroy and Mike Whitt attended the Waste Management Facility's Operator Class provided by Burrows Technical Writing Specialists.

Accolades The most important rule in providing excellent customer service is being friendly, always smiling, and being courteous. Bill Froelich a Landfill Gate Attendant was working the gate when Mr. Carey a resident of Stafford came in over the weekend. Bill was very helpful in directing Mr. Carey to the right containers and provided him with excellent customer service. The following week Bill had a visitor and to his amazement, it was Captain Steve Carey of the Stafford Sheriff's Office. Captain Carey recognized Bill with a public service coin for his excellent customer service. The coin reads, "For distinguished and dedicated service of excellence." Bill has been with the R-Board for four years.

Safety Safety meetings are essential to promote a safety culture and to ensure everyone's well-being in the workplace. Safety meetings also allow employees an opportunity to relay safety concerns or improvement ideas. The landfill staff are required by DEQ to hold a monthly safety meeting. The following are some of our safety topics: August – Using Fire Extinguishers September – PPE Hand Protection October – Dealing with Drug and Alcohol Abuse for Employee

Environmental Compliance Report: Mr. Schmidt reported on the following:

VA DEQ Wetland Corrective Action Plan (Update): The R-Board awarded ECS Mid-Atlantic the contract for the Wetlands Annual Monitoring (Year 2). ECS conducted surveying of the wetlands on October 4, 2023. Based on the preliminary results, the wetlands meet the success criteria listed in the corrective action plan. The R-Board is expecting to receive the draft report during November.

VA DEQ Quarterly Solid Waste Inspection: On September 19, 2023, VA DEQ conducted its quarterly review of the R-Board landfill. The result of the inspection led to a deficiency letter based on one observation of exposed waste and insufficient cover. Corrective actions were immediately implemented and VA DEQ was notified formally on September 28, 2023.

Groundwater Monitoring & Reporting: Below is a list of the groundwater monitoring reports submitted to VA DEQ. No exceedances were detected in any of the reports:

Groundwater Monitoring Reports Contractor Report Submission Date TRC 2nd Semi-Annual Closed Landfill (2023) September 11, 2023 SCS 2nd QTR Active Landfill (2023) September 15, 2023 TRC 3rd QTR Active Landfill (2023) October 9, 2023 TRC Annual GWMR Closed Landfill (2023) October 13, 2023 Upcoming GWMR: 4th QTR Active Landfill (2023) TO: R-Board Members FROM: Francesca Johnson, Recycling Manager DATE: November 16, 2023 SUBJECT: Recycling Report Single-Stream Update The TFC contract was renewed for September 1, 2023, through August 31, 2024. The transportation costs remained the same at \$425 per load. Single-stream per ton recycling rates continue to remain stable.

Recycling Report: Ms. Johnson reported on the following:

Single-Stream Update The TFC contract was renewed for September 1, 2023, through August 31, 2024. The transportation costs remained the same at \$425 per load. Single-stream per ton recycling rates continue to remain stable.

Bicycle Restoration The R-Board has started a bicycle restoration program. The program is collecting gently used bicycles at the landfill. Stafford Crossing Community Church has agreed to be the community partner that will be responsible for refurbishing collected bicycles through repairs. The first set of bicycles will be distributed in Spring 2024. The R-Board will provide updates as more bicycles are received and restored.

Household Hazardous and Electronics Waste Collection Day The Household Hazardous Waste Collection was held on September 30, 2023. Over 700 vehicles from the City of Fredericksburg and Stafford County were in attendance. R-Board and MXI Environmental Services staff did an outstanding job at keeping the traffic moving to ensure residents did not experience long wait times. The R-Board received great feedback from residents about how smoothly the event went.

Ms. Bohmke asked about the latex drop-off. Ms. Johnson said that signage was ordered and it will be much easier for residents to locate.

Community Outreach Supervisor Ms. Mikelson reported on the following:

Educational Trailer:

- National Night Out – October 3, 2023 – (700 educational backpacks & 150 reusable store bags were distributed)
- Stafford Parks and Rec. Fall Family Fun Festival – October 7, 2023 – (175 educational backpacks & 75 reusable store bags were distributed).

Non-trailer Activities:

- Mini Compost -A- Thons:
 - o Hurkamp Park - October 14, 2023(34 Food Scrap Countertop Collectors given out, spoke with 75 adults and distributed 25 educational backpacks)
 - o Long Family Markets – October 15, 2023(27 Food Scrap Countertop Collectors given out, spoke with 60 adults and distributed 15 educational backpacks)
 - o Spring Mini Compost-A-Thons will be scheduled the first weekend the markets are open for the new season. They will be funded by the VA DEQ Competitive Grant which we were awarded \$15,000.
- **Backyard Composting 101 - Central Rappahannock Regional Library**
 - o Howell Branch – August 12, 2023 (7 adults)
 - o Fredericksburg Branch – September 12, 2023 (6 adults)
 - o Fredericksburg Branch – October 6, 2023 (3 adults)
 - o Last class of this year Howell Branch – November 14 ,2023 (30 interested)

Community Meetings and Outreach Connections:

- Contacted 22 HOA's and Communities offering clean up supplies, composting information, and litter prevention information.
- Met with Annamarie Bollino and E. Smith from Stafford County Schools October 31, 2023 to finalize Recycled Art Contest launch.

Upcoming Events:

- Recycled Art Contest launching in December with judging in March 2024, at Stafford County's Fine Arts Festival.

Litter Collection 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 August 1, 2023 through October 31, 2023, there have been: • 41 active adult probationers currently in the program (Out of the 41 probationers, 12 have only completed training. There are 15 more due to come onboard.) o 524 non-paid hours o 534 bags of roadside litter collected o 149.2 miles of roads cleaned • 12 adult probationers completed the program o 469 non-paid hours o 573 bags of roadside litter collected o 161.5 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 1, 2023 through October 31, 2023: • 2 active assignees • 13 assignees completed the program o 75.25 non-paid hours o 75 bags of roadside litter collected o 25.5 miles of roads cleaned We also contract with RRJ to clean road areas needing more intensive attention. RRJ provides 1 officer to oversee a crew of inmates (usually about 5 individuals). From August 1, 2023 through October 31, 2023 the following areas have been cleaned: v 8/14/23: Stafford Wayside collected 26 bags of litter v 8/20//23: Stafford Wayside collected 19 bags of litter v 8/21/23: Blue Gray Parkway collected 42 bags of litter v 10/16/23: Blue Gray Parkway collected 19 bags of litter v 10/17/23: Blue Gray Parkway collected 22 bags of litter v 10/23/23: Eskimo Hill Road collected 25 bags of litter.

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

R-Board finances are in good standing through October 2023 as outlined below:

- FY2024 revenue through October reflects a total of \$3,768,181, which is 38% of \$9,823,000 in budgeted revenue for FY2024, not including cash transfers for cell development. At the end of the reporting period, the R-Board held \$20,024,600.96 in cash and short-term investments.

- FY2024 expenses through October reflect \$2,600,370 expended (21.4%) of an approved budget of \$12,580,634.

- Permitted charge account collections reflect three out of seventy accounts that are over 60 days.

Annual Pass Senior Citizen Discount: Mr. Hathcock reported that research indicated that approximately 16% of residents are seniors. With a \$12 discount, it would result in an annual loss of approximately \$3,876.

Mr. Baroody asked if staff was aware of any other landfills that offer discounts to senior citizens, and Mr. Hathcock responded that he does not believe so. It would also add another layer to the application, since an age would be required to receive the discount.

Ms. Bohmke said that she is not opposed to the idea, but it could be a slippery slope. She would like to see additional data for the costs.

Ms. Gary believes that it is a good idea and would like to see staff continue to explore.

Mr. Kelly stated that a cost benefit analysis would be beneficial, as well as to identify the time and cost to staff.

Virginia Department of Environmental Quality Grant Acceptance Ms. Mikelson presented.

Ms. Bohmke motioned, seconded by Mr. Kelly to approve proposed Resolution RB23-12.

By roll call, the vote was:

Yea:	(6)	Baroody, Bohmke, Gary, Gerlach, Kelly, Vosburg
Nay:	(0)	

Resolution RB23-12 reads as follows:

A RESOLUTION TO AUTHORIZE AND ACCEPT GRANT FUNDING REGARDING THE VIRGINIA DEPARTMENT OF ENVIRONMENTAL QUALITY FY2024 COMPETITIVE LITTER PREVENTION AND RECYCLING GRANT

WHEREAS, according to the EPA, approximately 40% of residential waste is food waste; and

WHEREAS, the R-Board encourages backyard composting by providing educational classes and composting supplies to reduce food waste in the landfill; and

WHEREAS, the R-Board has been approved for the Virginia Department of Environmental Quality's competitive grant of \$15,000 for litter prevention and recycling program activities to support composting education and supplies for the period of July 1, 2024, to June 30, 2025; and

WHEREAS, the R-Board was awarded \$15,000 for the competitive grant;; and

WHEREAS, these funds will enable the continuation of the backyard composting education program; and

WHEREAS, staff recommends the acceptance and approval of these funds;

NOW, THEREFORE BE IT RESOLVED, by the Rappahannock Regional Solid Waste Management Board on this 16th day of November, 2023, that the R-Board be and it hereby does authorize the acceptance of the Virginia Department of Environmental Quality's FY2024 Competitive Litter Prevention and Recycling Grant, in the total amount of Fifteen Thousand Dollars (\$15,000).

Ms. Bohmke motioned, seconded by Mr. Kelly to approve proposed Resolution RB23-13.

By roll call, the vote was:

Yea: (6) Baroody, Bohmke, Gary, Gerlach, Kelly, Vosburg
Nay: (0)

Resolution RB23-13 reads as follows:

A RESOLUTION TO AUTHORIZE AND ACCEPT FY2024 GRANT FUNDING REGARDING THE LITTER PREVENTION AND RECYCLING PROGRAM FOR THE CITY OF FREDERICKSBURG AND STAFFORD COUNTY

WHEREAS, the R-Board has been approved for the Virginia Department of Environmental Quality's non-competitive grant of \$60,315 for litter prevention and recycling program activities and the Extended Polystyrene (EPS) campaign for the period of July 1, 2023, to June 30, 2024; and

WHEREAS, the City of Fredericksburg was awarded \$13,887 for the non-competitive grant and EPS campaign; and

WHEREAS, Stafford County was awarded \$46,428 for the non-competitive grant and EPS campaign; and

WHEREAS, these funds will enable the continuation of the litter prevention and recycling program; and

WHEREAS, staff recommends the acceptance and approval of these funds;

NOW, THEREFORE BE IT RESOLVED, by the Rappahannock Regional Solid Waste Management Board on this 16th day of November, 2023, that the R-Board be and it hereby does authorize the acceptance of the Virginia Department of Environmental Quality's non-competitive grant for the City of Fredericksburg and Stafford County, in the total amount of Sixty Thousand Three Hundred and Fifteen Dollars (\$60,315).

LSC Environmental Posi-Shell Purchase Mr. Hathcock reported the following:

The landfill is permitted to use Posi-Shell as an alternative daily cover to satisfy regulatory requirements. Posi-Shell is a patented blend of clay binders, reinforcing fibers, and polymers, that when mixed with water, produces a spray applied thin durable plaster which is applied to the working face daily as opposed

to covering with 6" of soil.

Through utilizing this product, the R-Board effectivity maximizes airspace efficiency by removing the use of bulky soils for daily cover. This expanded capacity furthers the life of each landfill cell and operational cost are reduced by limiting the amount of labor hours, gallons of fuel and equipment hours needed to provide daily cover to the MSW.

Procurement policy requires that a resolution authorizing the purchase of the material as the expected expenditure over the contract period exceeds \$200,000.

Mr. Kelly motioned, seconded by Ms. Gary to approve proposed Resolution RB23-14.

By roll call, the vote was:

Yea: (6) Baroody, Bohmke, Gary, Gerlach, Kelly, Vosburg
Nay: (0)

Resolution RB23-14 reads as follows:

A RESOLUTION TO AUTHORIZE EXPENSES FOR LSC ENVIRONMENTAL PRODUCTS, LLC

WHEREAS, the Rappahannock Regional Solid Waste Management Board (R-Board) must operate equipment and vehicles and purchase supplies as part of daily operations at the Landfill to maintain regulatory compliance; and

WHEREAS, funding in the amount of \$135,000 has been budgeted and appropriated in the adopted FY2024 budget for the purchase of Posi-Shell alternative daily cover material;


NOW, THEREFORE, BE IT RESOLVED by the Rappahannock Solid Waste Management Board on this the 16th day of November, 2023, that the R-Board director is authorized to purchase Posi-Shell in the total amount of One Hundred and Thirty-Five Thousand Dollars (\$135,000) for FY2024.

Adjournment: The meeting was adjourned at 10:56 a.m.

Future Session: A regular meeting will be held on February 15, 2024, at 10:00 a.m., in the Board Chambers.



Phillip Hathcock, Director



Pamela L. Timmons, Clerk