

**RAPPAHANNOCK REGIONAL SOLID WASTE  
MANAGEMENT BOARD**

**REGULAR MEETING AGENDA**

**STAFFORD COUNTY  
GEORGE L. GORDON GOVERNMENT CENTER  
CONFERENCE ROOM ABC  
STAFFORD, VIRGINIA**

**November 15, 2017  
8:30 AM**

- A. CALL TO ORDER.**
- B. ROLL CALL TO DETERMINE QUORUM**
- C. APPROVE MINUTES OF PRIOR BOARD MEETINGS (Tab 1)  
August 16, 2017**
- D. PRESENTATIONS BY THE PUBLIC**
- E. PRESENTATIONS BY R-BOARD MEMBERS**
- F. REPORT OF STAFF (Tab 2)**
  - 1. Report of Landfill Superintendent**
    - a. Cell F2 Filling Status**
    - b. Alternative Cover Update**
    - c. Personnel Status Update**
  - 2. Environmental Compliance Report/Permit Amendment Status**
  - 3. Recycling Manager Report**
- G. REPORT ON FINANCES (Tab 3)**
  - 1. Financial Summary; FY2018 – Through October**
  - 2. Weight & Material Analysis; FY2018 – Through October**
  - 3. FY2017 Financial Statement – Preliminary Results**
- H. OLD BUSINESS (Tab 4)**
  - 1. Operational Analysis Update**
- I. NEW BUSINESS**
  - 1. RB17-06 Proclamation**
  - 2. Recycling Market Changes**
    - a. Resolution RB17-07**
  - 3. Conversion of Existing Animal Shelter**
  - 4. Commercial Request for Annual Pass Exception**
  - 5. Mulch Deliveries from Businesses**
- J. CLOSED SESSION (if needed)**
- K. NEXT SCHEDULED MEETING**

**February 21, 2018 Conference Room ABC, George L. Gordon Government Center, 8:30 AM**
- L. ADJOURNMENT**

## MINUTES

### RAPPAHANNOCK REGIONAL SOLID WASTE MANAGEMENT BOARD

August 16, 2017

George L. Gordon Government Center  
Conference Room ABC

**Meeting Convened:** A regular meeting of the Rappahannock Regional Solid Waste Management Board (R-Board) was convened at 8:35 a.m. on August 16, 2017, at the George L. Gordon, Jr., Government Center, Conference Room ABC.

**Roll Call:** The following members were present: Paul V. Milde, III; Laura A. Sellers; Timothy Baroody; and Thomas Foley. Matthew Kelly and William C. Withers, Jr. were absent.

Also in attendance were: William Hefty, Esq., R-Board Attorney; Rick Markwardt, Landfill Superintendent; Julie Williams-Daves, Assistant Landfill Superintendent; Pamela Timmons, R-Board Clerk; and Keith Dayton, Director.

**Election of Officers:** Ms. Sellers motioned, seconded by Mr. Baroody to elect Mr. Milde as Chairman.

By voice, the vote was:

Yea: (4) Milde, Baroody, Foley, Sellers  
Nay: (0)

Mr. Milde motioned, seconded by Mr. Baroody, to elect Mr. Withers as Vice Chairman.

By voice, the vote was:

Yea: (4) Milde, Baroody, Foley, Sellers  
Nay: (0)

**Approval of the minutes of prior meeting:** Mr. Foley motioned, seconded by Ms. Sellers, to approve the minutes from the June 21, 2017 meeting.

By voice, the vote was:

Yea: (4) Milde, Baroody, Foley, Sellers  
Nay: (0)

**Presentations by the Public:** No members of the public desired to speak.

**Presentations by the R-Board:** No R-Board members desired to speak.

**Report of the R-Board Superintendent:** Mr. Markwardt reported on the following:

#### **Cell F2 Filling Status**

Mr. Markwardt reported that the filling sequence of Cell F-2 continues without problems. Draper Aden completed the flyover on July 11, 2017, and approximately 473,473 cubic yards of available airspace has been consumed. That leaves approximately 73% of airspace still available.

#### **Alternative Cover Update**

The trial period for the alternative cover is ongoing, and results are still positive.

### **Personnel Status Update**

Mr. Markwardt reported that two full-time positions remain open (Heavy Equipment Operator/Landfill Maintenance Worker). An offer letter has been sent for the Heavy Equipment Operator position, and a background check is currently being conducted for the Landfill Maintenance Worker.

**Environmental Compliance:** Ms. Williams-Daves reported that Draper Aden took samples regarding the groundwater issue earlier this summer, and should receive word soon on the findings. Ms. Daves also requested the Board approve the updates to the Environmental Policy.

Mr. Foley motioned, seconded by Ms. Sellers, to reaffirm support for the Environmental Policy.

By voice, the vote was:

Yea:	(4)	Milde, Baroody, Foley, Sellers
Nay:	(0)	

**Staff Recognition:** Mr. Dayton noted that the packages contained staff recognition for Earth Day, DARE Day, and Household Hazardous Waste Day.

**2017 Annual Report:** Mr. Dayton began by noting that the reports for the meeting will focus on FY2017 performance, as we have only two months of data for FY2018. Mr. Dayton did note that early performance for FY2018 is very strong.

Mr. Dayton began by calling attention to the Annual Report, and the great work R-Board staff has done in many areas. He noted that although we have seen large increases in municipal solid waste and construction/demolition deliveries with no increase in staffing, we have seen no drop-off in service. The Belman compactors have made that convenience center much tidier and more efficient. Our staff has improved recycling labeling at our facilities, making their use more convenient for customers. We have strengthened our partnership with Goodwill, resulting in increased re-use and e-waste collections.

On the financial side, revenues were up sharply, and the R-Board was able to add \$1 million to the reserve fund, and added another \$1.6 million to the cash reserves since July 2015.

**Report on Finances:** Mr. Dayton reported on the following:

#### **Financial Summary (FY 2017 – final):**

Mr. Dayton noted that revenues collected exceeded the amount budgeted in almost every category, and the R-Board was able to avoid any use of the reserve fund which had been budgeted for capital expenses. Expenses were also held well under the amount budgeted, resulting in an estimated positive results of operations well over \$1 million.

#### **Weight & Material Analysis (FY 2017 – final):**

Total tonnage for FY2017 increased 18%, with the residential and commercial categories up about 45%. Dirt deliveries have dropped to virtually nothing, while C&D deliveries were up significantly. Mr. Baroody asked how the sludge disposal operation was working, and Mr. Dayton replied that the operation was going quite well to date.

**Unfinished Business:**

**Commercial Exception Request**

Staff received a new commercial exception request for the 2017 annual pass:

Charles and Victoria Miles  
3 Myers Drive  
Fredericksburg, VA 22405

Mr. and Mrs. Miles have a Ford F-150, which is registered to Vulcan Materials Company. The truck has no commercial labeling, and they have agreed to transport only their personal trash.

On a motion by Ms. Sellers, seconded by Mr. Baroody, the R-Board approved the exemption.

By voice, the vote was:

Yea:	(4)	Baroody, Foley, Milde, Sellers
Nay:	(0)	

**Operational Analysis Update**

Mr. Dayton noted that the consultant is completing interviews with R-Board staff this week, and has the week of August 28<sup>th</sup> scheduled to speak with the Stafford County R-Board members. Mr. Dayton will contact the City members to schedule their interviews. The study is presently scheduled to be completed prior to the next R-Board meeting.

**R-Board Meeting Schedule**

Mr. Dayton noted that the R-Board had met on a quarterly schedule for many years prior changing to a bi-monthly meeting schedule. Mr. Dayton mentioned that the critical issues facing the R-Board that prompted the additional meetings have been resolved, and R-Board members might consider reverting back to a quarterly meeting schedule. All members in attendance supported the change to quarterly meetings.

**Adjournment:** The meeting was adjourned at 9:01 a.m.

**Next Meeting:** The next regular meeting will be held on November 15, 2017, at the George L. Gordon, Jr. Government Center, 8:30 a.m., in Conference Room ABC.

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Keith C. Dayton, Director

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Pamela 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: November 15, 2017**

**RE: Report of the Landfill Superintendent**

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### **Cell F2 Operations**

To date, the filling sequence of Cell F-2 continues to go on without any issues. Approximately 582,015 cubic yards (~33.78%) of available airspace has been consumed.



### **Alternative Cover Update**

The trial period for the use of Posi-Shell has ended. After the 6 month trial period, staff has determined that the expected financial advantage of using Posi-Shell did not materialize. We have notified the vendor that we have ceased using the product and will not exercise the option to acquire the equipment. Staff will continue to investigate other types of alternate daily cover to reduce the quantities of dirt used in landfill operations.

### **Personnel Report**

Currently the R-Board is authorized for a total of 35 employees (31 Full-Time and 4 Part-Time). At this time the 4 Part-Time positions are filled. We have 29 Full-Time positions filled and are currently recruiting for a Landfill Scale Supervisor and a Landfill Scale Technician.



## **Rappahannock Regional Solid Waste Management Board**

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

To: **R-Board Members**

From: **Julie Williams-Daves**

Date: **November 15, 2017**

RE: **Environmental & Regulatory Compliance Report**

### **SWP #589 – Solid Waste Compliance**

The R-Board received a deficiency letter for exposed waste on the working face after the third quarter solid waste inspection in September. The exposed waste was a result of our preparations to move the working face to a new area by scraping off the soil to place trash on trash. The working face was moved the following day and pictures were submitted to the VADEQ as a follow up to the letter.

### **Groundwater**

Staff has not received approval from the VADEQ regarding the presumptive remedy proposal for Area 74 that was submitted earlier this year. Recent ground water sampling shows that the elevated levels of the contaminant in question, 1,1 DCA, remains under the groundwater protection standards. However, conversations with VADEQ staff indicate that the R-Board will still need to follow through with a permit amendment for corrective action to formally show that the results were achieved.

### **Landfill Gas Collection System**

DAA was onsite Wednesday, November 1, to install a valve between the collection system in Cell E and the leachate cleanout in Cell F-1. This new valve will give us additional control over the gas quality for Ameresco.

### **Annual Leachate Sampling**

DAA collected leachate samples at the end of October. The samples will be tested and the results reported to VADEQ.

### **Pending Permit Amendments**

The permit modification to amend the facility boundary to include the VDOT parcel, request an increase in the daily tonnage allowed, and adjust the operating hours to reflect current practice, remain pending with VADEQ. Combining these amendments with the pending corrective action amendment is expected to reduce the associated fees and streamline the public involvement process. Staff anticipates holding a public hearing for the permit amendments after the first of the year.



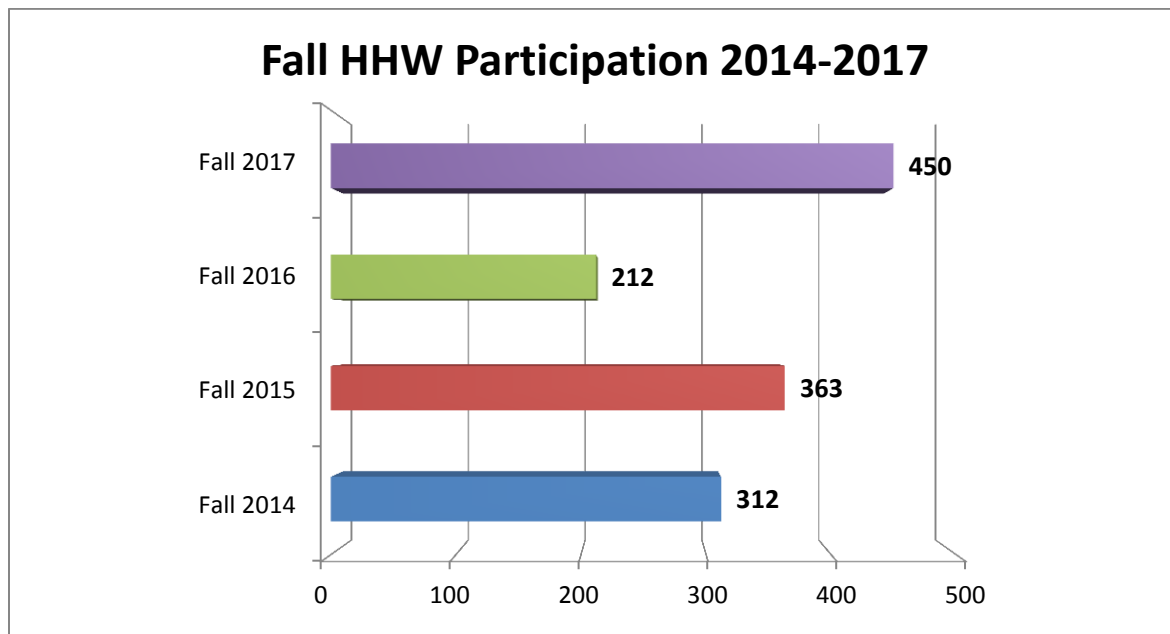
## Rappahannock Regional Solid Waste Management Board

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**TO:** R-Board Members  
**FROM:** Diane Jones  
Recycling Coordinator  
**DATE:** November 15, 2017  
**SUBJECT:** Program Updates

### **Household Hazardous Waste and Electronic Waste Collection Day**

The event was held Saturday, October 28<sup>th</sup> at the City Shop on Tyler Street. It drew the most participants for our fall collection event than previously recorded. A total of 450 residents participated. 423 brought HHW and 85 brought electronics. R-Board staff thanks the City Public Works Department for the use of their ideal location.



### **Virginia Department of Environmental Quality Litter Grant:**

The R-Board budgeted \$20,000 in anticipation of this grant award. On October 16<sup>th</sup>, DEQ advised that the grant amount for FY18 will be \$25,691. The funds are to be used for litter prevention and recycling programs in both the City and County. Currently, the budget supports the City of Fredericksburg's Doggie Waste stations and bag purchases, and the "Cigarette Butts are Litter Too" program. The money is also used to purchase trash bags, vests and gloves for cleanup activities as well as education outreach. Cleanup and education programs are carried out in both jurisdictions.

### **2018 Annual Pass Sales**

Annual passes for residents go on sale November 16. We have initiated outreach activities through the R-Board website and are coordinating notification with the City and County communication staff. We have noticed much greater use of the sales facilities at our Eskimo Hill Road location, and are planning accordingly.



## **Rappahannock Regional Solid Waste Management Board**

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### **Regional Waste Seminar**

R-Board staff participated with the development and presentation for “Managing Waste in the 21<sup>st</sup> Century” on October 11, 2017. The forum was a joint effort involving the University of Mary Washington, Marstel-Day, a local environmental consulting firm, and Julie Williams-Daves and Diane Jones from the R-Board, and is a part of the CLEAR (Climate, Environment, and Resilience) initiative. The forum was conducted to identify and share best practices for economically efficient long term options for waste management targeted for members of the George Washington Regional commission.

Ms. Williams-Daves and Ms. Jones presented “Informing Public Perceptions of Waste Management Options” at the forum. Other key topics presented were “The Economics of Recycling” and “New Waste Technologies for Managing Waste.” Breakout sessions included Benefits of Recycling, Exploring Successes of New Technology, School and Restaurant Food Waste, and Opportunities for Composting. Summary notes were posted by Dean Richard Finkelstein, University of Mary Washington, and are available to R-Board members.



EXPENDITURES

as of

October 31, 2017

Division	FY 18 Adopted Budget	FY 18 Adjusted Budget	Personnel Costs YTD	Operational Costs YTD	Capital Costs YTD	Total Costs YTD	Current Encumbrances	FY 18 Expenditures	FY 18 Balance	% Budget Expended	Fiscal YTD Expired (%)	FY18 Budgeted Revenues	Monthly Target	Monthly Actuals	FY18 Actual Revenues	% Revenue Collected
R-Board Expenses	\$5,430,162	\$5,626,165	\$678,388	\$646,986	\$108,003	\$1,433,377	\$728,370	\$2,161,747	\$3,464,418	38%	33%	\$6,024,240	\$502,020	\$731,926	\$2,661,118	44%
R-Board Revenues	\$6,024,240															
TIPPING FEES	\$4,500,000															
RESIDENTIAL FEES	\$600,000															
RECYCLING	\$120,000															
WWTP SLUDGE/UTILITIES	\$434,240															
MUNICIPAL	\$278,000															
INTRADEPARTMENTAL	\$5,000															
AMERESCO LEASE	\$40,000															
MILESTONE LEASE	\$12,000															
GRANT	\$20,000															
INTEREST	\$15,000															
RESERVE																

REVENUES

as of

October 31, 2017

	ADOPTED FY16	CASH	A/R	Total for Month	FY YTD Expired	FY YEAR TO DATE	REVENUE FORECAST
COMMERCIAL	\$4,500,000	\$ 79,733	\$ 503,051	\$ 582,783	33%	\$ 2,229,314	\$ 6,669,669
RESIDENTIAL USER FEE	\$600,000			\$ 25,808	33%	\$ 111,708	\$ 600,000
RECYCLING	\$120,000			\$ 13,972	33%	\$ 62,828	\$ 187,968
SLUDGE/ Stafford	\$250,000			\$ 27,277	33%	\$ 103,440	\$ 309,472
SLUDGE FredericksburgPW	\$184,240			\$ 10,614	33%	\$ 44,170	\$ 132,148
MUNICIPAL	\$278,000			\$ 19,105	33%	\$ 79,523	\$ 277,917
MISCELLANEOUS	\$5,000			\$ 21,400	33%	\$ 21,499	\$ 21,499
SALE OF LANDFILL GAS	\$40,000	\$ 4,157	\$ 4,157	\$ 4,157	33%	\$ 4,157	\$ 40,000
MILESTONE LEASE	\$12,000		\$ 1,120	\$ 1,120	33%	\$ 4,480	\$ 12,000
GRANTS	\$20,000			25,691	33%		\$ 25,691
INTEREST	\$15,000				33%		\$ 15,000
RESERVE FUND					33%	\$ -	\$ -
TOTAL	\$ 6,024,240	\$ 79,733	\$ 507,207	\$ 731,926		\$ 2,661,118	\$ 8,291,364

BUDGET STATUS SUMMARY

	Adopted Budget	Current Est.	Difference
Revenues	\$6,024,240	\$8,291,364	\$2,267,124
Expenditures	\$5,430,162	\$5,430,162	\$0
Use of Fund Balance	\$0	-\$2,267,124	\$2,267,124

Unrestricted Fund Balance

(as of June 30, 2017)

(\$544,433)

Through October 31, 2017

Rappahannock Regional Solid Waste Management Board  
Weight and Material Analysis Report FY2018

CATEGORY	18-Oct Weight	17-Oct Weight	FY2018 Y-T-D Weight	FY2017 Y-T-D Weight	Difference %
<b>Billable</b>					
Commercial Waste	4961	3887	20297	14973	36%
Residential Waste	3207	3226	12649	14125	-10%
Fredericksburg	696	635	2866	2638	9%
Eskimo Hill	1898	1378	7192	6549	10%
Belman Road	147	176	651	685	-5%
Mixed Load-\$71/T	3	19	23	104	-78%
Debris Waste	7104	3961	26168	15710	67%
Dirt	6	21	28	26	5%
Tires Commercial	42	29	117	102	15%
Sludge (city)	347		1545		
Sludge (county)	1044	742	3865	3579	8%
<b>BILLABLE TONNAGE</b>	<b>19453</b>	<b>14074</b>	<b>75400</b>	<b>58491</b>	<b>29%</b>
<b>Non-Billable</b>					
Litter/Cleanups	8	18	27	66	-59%
<b>Recycling</b>	<b>623</b>	<b>313</b>	<b>2362</b>	<b>2173</b>	<b>9%</b>
<b>TOTAL TONNAGE</b>	<b>20084</b>	<b>14405</b>	<b>77790</b>	<b>60731</b>	<b>28%</b>



## **Rappahannock Regional Solid Waste Management Board**

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**To: R-Board Members**

**From: Keith Dayton, Director**

**Date: November 13, 2017**

**RE: FY2017 Financial Statement**

RSM LLP, the audit firm contracted by the County to complete the FY2017 audit on behalf of the R-Board, has provided their draft financial statement to County and R-Board staff. Although RSM LLP is still finalizing their report, it is believed that the key financial portions of the report will not be changed in the final version.

The Financial Statement confirms the reversal in the financial performance of Regional Landfill operations. Key results noted in the financial statement are given below.

- Operating revenues increased by \$1.4 million, from \$5,466,470 to \$6,870,813
- Expenditures increased by slightly less than \$600,000, largely due to the R-Board investment in closure activities, and the investment in replacing certain heavy equipment
- The Net Position of the R-Board increased \$2.4 million, from \$8,067,115 to \$10,475,427
- The unrestricted net deficit improved from (\$3,332,013) to (\$544,433)
- The R-Board currently has \$7,073,666 in investments, with another \$1,586,169 held in the cash account

Staff expects the final report will be completed next month, and R-Board members will be provided with a copy at that time.

KCD:kd



## **Rappahannock Regional Solid Waste Management Board**

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**To: R-Board Members**

**From: Keith Dayton, Director**

**Date: November 13, 2017**

**RE: Operational Analysis Update**

SCS Engineers (SCS), the consultant contracted by the R-Board to perform a wide-ranging review of landfill operations, has completed their field work and provided a draft report of their findings. SCS is a nationally known consulting firm specializing in providing solid waste operational analysis, planning, and design services. The work under this contract was performed primarily by staff working out of the Richmond office.

The contract with SCS provided for an independent, third party review of a wide ranging scope of R-Board service levels, operational and maintenance practices, financial and accounting procedures, tipping fees, operational agreement, and other matters. While the report is in draft form, key early results include the following:

- Operational Agreement - SCS noted that the current Regional Landfill operational agreement between the City and County is much simpler than those in other jurisdictions, and lacks clarity on the responsibility of each jurisdiction in the event of an operating deficit. They felt that jurisdictional responsibilities should be based on the complete range of solid waste and other services performed by the R-Board. SCS recommended amending the agreement to address member responsibilities and financial obligations.
- Tipping Fees - SCS concluded that our current tipping fee schedule was competitive with other service providers in the region.

SCS also performed an analysis of the commercial and resident drop-off rates to assess whether these rates were consistent with the cost of providing these services, and provide sufficient revenue to meet current operational costs, future capital expense needs, and closure/post –closure responsibilities. While this analysis indicated that commercial rates could be lowered slightly (\$0.32/ton) to meet break-even levels, and resident drop-off rates raised by \$1.55/visit, they recommended no changes to the current rate structure at this time.

- Litter Collection Program - SCS recommended increased financial contributions from the City and County to cover the current level of service, or scale back the current level of service.
- Ameresco Contract – SCS noted that the current contract with the landfill gas to energy contractor includes rates and other provisions consistent with those found in other jurisdictional agreements and recommended no changes.



## **Rappahannock Regional Solid Waste Management Board**

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- Financial Considerations and Recommendations – SCS provided numerous recommendations related to our business practices. Examples include full accounting for services provided to the City and County; formalizing annual contributions to fund major capital expenses for new landfill cells, closure/post-closure activities, and equipment replacement; and implementing an equipment replacement schedule.
- Operational Recommendations – There were a great many operational recommendations provided, some of which have already been implemented by our staff. While the recommendations are wide ranging, a brief summary of certain key suggestions is provided below.
  - Recommendation to address latex paint by solidifying and disposing in the landfill, rather than as HHW.
  - Adjust operations at Belman to reduce the volume of bulky materials.
  - Implement a fee for un-tarped loads to reduce the quantity of litter on our roadways.
  - Provided suggestions to increase cardboard collections, a valuable recycle product, along with reducing recycle contamination.
  - Modify our procedures for processing of yard waste
  - We were provided several recommendations to improve the safety and efficiency of our maintenance shop, as well as our scale house.
  - Improve facility signage
  - Modify landfill procedures at the working face

The summary above provides only a partial list of the recommendations included in the study. Staff will complete the review of the draft report and work with the consultant to finalize the report. The completed report will then be provided to R-Board members.

KCD:kd



## **Rappahannock Regional Solid Waste Management Board**

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RB17-06

### PROPOSED

#### RAPPAHANNOCK REGIONAL SOLID WASTE MANAGEMENT BOARD

### RESOLUTION

At a regular meeting of the Rappahannock Regional Solid Waste Management Board (R-Board) held in Conference Room A/B/C, George L. Gordon, Jr., Government Center, Stafford, Virginia, on this the 15<sup>th</sup> day of November, 2017:

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MEMBERS:

Paul V. Milde III, Chairman  
William C. Withers, Jr., Vice Chairman  
Timothy J. Baroody  
Thomas C. Foley  
Matthew J. Kelly  
Laura A. Sellers

VOTE:

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

#### A PROCLAMATION TO RECOGNIZE AND COMMEND PAUL V. MILDE, III FOR OUTSTANDING SERVICE TO THE RAPPAHANNOCK REGIONAL SOLID WASTE MANAGEMENT BOARD

WHEREAS, Paul V. Milde, III has been a loyal and dedicated member of the R-Board since 2006, as the Aquia District Supervisor; and

WHEREAS, Mr. Milde served as Vice Chairman in 2007, 2011, 2012, and 2016; and Chairman in 2008, 2009, 2013-2015, and 2017; and

WHEREAS, Mr. Milde provided leadership and vision that led to the R-Board adopting financial policies resulting in a dramatic reversal of the declining financial condition of R-Board operations, and assuring that the Rappahannock Regional Landfill is positioned to offer viable long-term solid waste services to the residents of the City of Fredericksburg and Stafford County; and

WHEREAS, Mr. Milde provided support for the construction of Cell F-1 in 2012 and Cell F-2 in 2015, continuing the ability of the R-Board to provide cost effective, convenient solid waste service to the residents of the City of Fredericksburg and Stafford County; and



## **Rappahannock Regional Solid Waste Management Board**

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WHEREAS, Mr. Milde provided continuous support for improvements to the resident convenience centers at Belman Road and Eskimo Hill Road to improve the efficiency, increase customer safety, and provide better facilities to meet the solid waste disposal needs of the residents of the City of Fredericksburg and Stafford County; and

WHEREAS, Mr. Milde provided valuable support to preserve priceless historical resources for future generations by helping to set aside over 40 acres of Landfill property for what became Stafford County's Civil War Park; and

WHEREAS, Mr. Milde provided leadership and vision, which resulted in the installation of gas turbines for the beneficial reuse of methane gas from closed Landfill cells, creating a source of renewable energy and revenue stream from a Landfill by-product; and

WHEREAS, Mr. Milde supported a variety of environmentally friendly initiatives which resulted in the designation of the Landfill as an Exceptional Environmental Enterprise (E3) by the State of Virginia; winning the Virginia Recycling Association Award for Excellence in Recycling in the Outstanding Education Program category for backyard composting, in 2012; and built an exceptional recycling program in which the percentage of recycled materials consistently exceed the Commonwealth's average and the mandated minimum amount;

NOW, THEREFORE, BE IT PROCLAIMED by the Rappahannock Regional Solid Waste Management Board, on this the 15<sup>th</sup> day of November, 2017, that it be and hereby does recognize and commend Paul V. Milde, III for his outstanding dedication and service as a member of the R-Board.

RAPPAHANNOCK REGIONAL SOLID WASTE  
MANAGEMENT BOARD

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Keith C. Dayton, Director



## **Rappahannock Regional Solid Waste Management Board**

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

**To: R-Board Members**

**From: Keith Dayton, Director**

**Date: November 13, 2017**

**RE: Recycling Market Changes**

Markets are in flux once again due to global factors. China has implemented new “National Sword” recycled product restrictions similar to the 2013 “Green Fence” program. At that time, we experienced a precipitous drop in revenue from our single stream product, while at the same time receiving large quantities of single stream materials from other commercial vendors electing to bring the material to us rather than dispose of it at a loss. The R-Board was forced to implement a temporary tipping fee of \$12 per ton for single stream materials delivered from outside our collection facilities.

The National Sword program was initiated in May 2017, and we are currently able to dispose of our product with a positive revenue stream. We understand that full implementation of National Sword will occur in December, and the financial impacts are not fully understood. Although our contract with Tidewater Fibre Corporation has provisions to protect the R-Board from some price fluctuations, our returns may be down significantly from FY2017. Furthermore, staff is concerned that we may experience renewed deliveries from commercial waste haulers unwilling to dispose of this product at a loss.

Staff is asking the R-Board to consider authorizing implementation of a tipping fee for single stream recycled materials to prevent us having to dispose of product delivered by commercial entities. Staff suggests authorization of a fee equal to the cost to dispose of single stream materials, but not to exceed \$20 per ton. Considering the recurring nature of this market factor, the R-Board may wish to leave this authorization in place indefinitely.

Resolution RB17-07 is attached for R-Board consideration. Staff recommends approval.

KCD:kd





## **Rappahannock Regional Solid Waste Management Board**

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RB17-07

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 15<sup>th</sup> day of November, 2017:

MEMBERS:

Paul V. Milde III, Chairman  
Matthew J. Kelly, Vice Chairman  
Timothy J. Baroody  
Thomas C. Foley  
Laura A. Sellers  
William C. Withers, Jr.

VOTE:

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

**A RESOLUTION TO AUTHORIZE THE IMPLEMENTATION OF A TIPPING FEE FOR SINGLE  
STREAM RECYCLED MATERIALS DELIVERED TO THE REGIONAL LANDFILL**

WHEREAS, the R-Board is a strong proponent of recycling programs to divert single stream recycled materials (SSRM) from the waste stream and return them to beneficial reuse, and thereby extend the life of the Regional Landfill; and

WHEREAS, the market for single stream recycled materials (SSRM) is currently in a state of flux due to restrictive programs implemented by China; and

WHEREAS, China's restrictive policies may cause the rate of return for SSRM to drop to the point where the R-Board must dispose of SSRM at a loss; and

WHEREAS, the R-Board desires to continue the promotion of recycling programs without incurring financial loss; and

NOW, THEREFORE BE IT RESOLVED, by the Rappahannock Regional Solid Waste Management Board on this the 15<sup>th</sup> day of November, 2017 that, effective immediately, a tipping fee not to exceed \$20 per ton is authorized for single stream recycled material for commercial entities delivering this material to the Regional Landfill; and

BE IT FURTHER RESOLVED, that this tipping fee be adjusted as required to maintain the rate of return approximately equal to R-Board costs for handling and processing.

A Copy, teste:

RAPPAHANNOCK REGIONAL SOLID WASTE  
MANAGEMENT BOARD

\_\_\_\_\_  
Keith C. Dayton, Director



## **Rappahannock Regional Solid Waste Management Board**

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

**To: R-Board Members**

**From: Keith Dayton, Director**

**Date: November 13, 2017**

**RE: Animal Shelter Conversion**

Stafford County operates an animal shelter out of a 5,000 square foot building located adjacent to the Regional Landfill. The facility, constructed in the early 1990's, has proven inadequate to meet the animal shelter needs for the County. The replacement facility is currently under construction at another location and expected to be in operation in the spring of 2018. There are no identified users for the existing building after it is vacated next year.

R-Board staff believes that the former animal shelter building may serve very well as an office/warehouse building for Regional Landfill operations. Staff is currently using a portion of our maintenance shop for office space, and have outgrown the available space. Relocation to this adjacent building may provide a cost effective opportunity to provide adequate office space for our entire management staff, along with ample room for office, operation and maintenance parts and supplies. This move would also make additional space available for our maintenance operations, and allow our staff currently occupying space at the County's Rowser Building to co-locate with other R-Board management staff.

With the R-Board's concurrence, Staff will contact the County to determine if this is feasible, contract with a consultant to perform space programming to adapt the former animal shelter for landfill use and develop cost estimates for renovation. Staff will then report back to the R-Board at the February meeting.

KCD:kd



## **Rappahannock Regional Solid Waste Management Board**

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

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**To: R-Board Members**

**From: Keith Dayton, Director**

**Date: November 15, 2017**

**RE: Commercial Business Requests for Resident Annual Pass**

The R-Board adopted a resident fee program for use of the convenience centers at the main landfill site at Eskimo Hill Road and the location in the City on Belman Road. The program precludes use of the convenience centers by commercial customers, who are directed to the commercial facilities at the landfill.

The R-Board adopted a policy to grant exceptions to the prohibition of use of resident facilities by commercially registered vehicles at the April 2015 meeting with the following conditions:

- Vehicles shall only transport the customer's personal household waste.
- There shall be no commercial labeling on the vehicles.
- Customers must sign a form agreeing to deliver only their personal household waste.
- Customers granted this exception shall come to the R-Board main office to have the vehicle(s) inspected and pick up their pass. Our other sales locations will not offer this service.

Staff has received a request for exception to the commercial vehicle restriction.

Leland Cox

Capital Audio Visuals, Inc.

Home: 249 Spotted Tavern Road, Fredericksburg, VA 22406

Business: 71 Commerce Parkway Suite 101, Fredericksburg, VA 22406

Phone: 703-675-0866

Mr. Cox is now retired from his company, but continues to drive a company registered vehicle. He has no commercial markings on his truck, and desires to use this vehicle to dispose of his residential trash at our convenience center.

Staff finds this request consistent with others previously granted by the R-Board and requests that the R-Board indicate its decision related to this exception by motion, and we will contact the individual accordingly.

KCD:kd



## **Rappahannock Regional Solid Waste Management Board**

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

**To: R-Board Members**

**From: Keith Dayton, Director**

**Date: November 13, 2017**

**RE: Mulch Deliveries**

The R-Board accepts wood and brush from residents without charge, and processes this material into mulch for use around the landfill, and for free distribution to residents.

Staff has noted a marked increase in deliveries of rough-cut mulch from businesses engaged in site clearing for construction sites and land development. The quantities far exceed our internal needs, as well as the demand from residents for residential use. This has created some logistical and financial concerns as we are forced to store and distribute this material without any offsetting revenue. The material poses a fire risk when stored for extended periods in large quantities, and we have had instances where our mulch pile has caught on fire. The R-Board has not established a tipping fee for this material as it is not placed in the landfill.

If the R-Board is interested in considering a tipping fee for commercial mulch deliveries, staff will review our costs for handling this material and provide a recommendation at the February R-Board meeting.

KCD:kd