



Region 2000 Services Authority

Location

Central Virginia Planning District Commission
828 Main St, FL 12
Bank of the James Bldg.
Lynchburg, VA 24504

Date | Time

June 12, 2019
12:00 p.m. – 3:00 p.m.

Work Session (including a working lunch)

Agenda

1. **Welcome** Bonnie Svrcek, Chair

2. **Emerging Issues and Background**..... ..Staff Introduction
 - a. Consideration of Bedford County bringing waste to Livestock Road at the commercial rate
 - b. Appomattox County Transfer Site Timeline and Potential Impact on Services Authority

3. **Process for the Dissolution of the Authority or a Member Leaving the Authority** Bill Hefty, via telephone
.....

4. **Discussion Regarding Excess Revenue**Authority Members

5. **Meeting Location Options**Authority Members

6. **Update on Concord Turnpike Gas Collection System Discussions** Bill Hefty

7. **Other Business**..... All

8. **Adjourn**

9. **Next meeting July 31, 2 p.m., Haberer Building, Rustburg**

Agenda Item 2A: Consideration of Bedford County Bringing Waste to Livestock Road

1) Assumptions include 25,000 tons per year and five year contract

- i. Allows us to maintain the \$30.25 member fee for the next four years by smoothing the pro forma. The pro forma estimates member rates would only reach \$40 in the final years of the operation.
- ii. With the assumption that County Waste pulls out their commercial waste starting 2023-2024 we expect that the current permitted space would be filled in 2033.
- iii. Adding Bedford in 2019-2020 for a five year contract decreases landfill life by 1 year to 2032.
- iv. Bedford's contract generates \$250,000 annually in excess revenue or \$1,250,000 over five years

Attachment:

Projected Pro Forma showing Bedford 25,000 tons, 5 year contract, starting in FY 20 and loss of County Waste 50,000 tons beginning FY 24.

2) History of the relations between Bedford County and the Region 2000 Services Authority

In 2005, a working group was formed with select staff members from all Region 2000 local governments that were interested in participating in exploring a regional landfill concept and with Nelson County. Bedford County participated in those initial discussions.

The working group, led by Bob White of the PDC, began meeting on a regular basis to discuss the pros and cons of forming an authority. The working group recommended further evaluation which would require contracting with an engineering firm for calculations and financial analysis. A cost sharing formula was agreed upon and the participants were asked to contribute their share of funds required to hire the consultants to perform the more in-depth analysis.

At the point of bringing in outside consultants, Bedford County decided they were not interested in joining the new authority and left the discussion.

Ultimately, a member use agreement was developed and approved by the City of Lynchburg, Campbell County, Nelson County and the City of Bedford. The Region 2000 Services Authority was officially formed on December 28, 2007. Appomattox County joined in 2008.

3) Bedford County's Current Hauler, Operations and RFP

Bedford County currently operates their own landfill and uses hauling services only from their green boxes to the landfill site. Bedford County is reviewing RFP responses from haulers to give them some pricing options for future services.

4) What are Bedford County's obligations to the Authority related to Closure/Post Closure expenses if they paid at the Commercial Rate and were not members of the Authority?

Agenda Item 3. Process for the Dissolution of the Authority or a Member Leaving the Authority...Bill Hefty via Telephone

A. History of the withdrawal by Bedford City Gary Christie, Clarke Gibson

When Bedford City began the reversion to town status process, conversations began for Bedford City to withdraw from the Authority. The Authority paid R. W. Beck (now Burns McDonnell) to develop financial impact estimates which were provided on April 14, 2011. Table 3 from that memorandum shows the Net Impact to the Authority:

Cost Increase from the reduction in tonnage-	\$523,683
Value of 4 additional months of landfill life –	(\$322,606)
 Net Impact	 \$201,077

Negotiations between the Authority and Bedford City concluded with Bedford City paying a total of \$100,000 over two fiscal years.

Attachments:

- i. R. W. Beck report of April 14, 2011 on financial impact of Bedford City withdrawal

B. Members Withdraw from or Dissolve the Authority following VA Code Bill Hefty

Attachments:

- ii. VA Code § 15.2-5109. Dissolution and termination of authority.
- iii. VA Code Section 15.2-5112 Section D. Process for an individual member to withdraw.

Agenda Item 4: Discussion Regarding Excess Revenue

1. Are members comfortable continuing to distribute Excess Revenue for the 1,075,260 balance of the initial 2,128,164 CY of air space that was to be divided proportionally between Lynchburg and Campbell according to the Member Use Agreement?

- a) From 2008-2018 the Authority has used and paid for 1,052,904 CY of the air space.
- b) Campbell contributed 69.4% and Lynchburg contributed 30.6% of the initial air space.
- c) As we dispose of 187,886 tons per year, we use 250,015 CY of air space annually.
- d) At current waste levels, we would complete the purchase of the initial airspace in Fiscal Year 2021-2022 (July 1, 2021 – June 30, 2022)

2. Are members comfortable with the planned distribution of Excess Revenue on a 75% Campbell/25% Authority ratio for 1,835,515 CY of air space added by the lateral expansion?

- a) The Financial Policies adopted by the Authority call for Excess Revenue to be divided between Campbell County and the Authority in a 75-25 ratio
- b) Is a Host Fee a better option to compensate Campbell for the lateral expansion airspace?

Attachments:

- i. Cross Section of Livestock Road Landfill showing air space provided by the lateral expansion.
- ii. List/Chart of host fees being paid in Virginia to localities for having a landfill in their jurisdiction that accepts waste from outside of their jurisdiction, either a public and private landfill

Agenda Item 5: Meeting Location Options Discussion

- a. One meeting a year rotated to another jurisdiction
- b. Rotate meetings between Lynchburg and Campbell County
- c. Rotate meetings among all four Services Authority members
- d. Internet Video streaming the meetings
- e. Keep meeting in the landfill host community (Campbell County)

MEMORANDUM

DRAFT



To: Clarke Gibson – Region 2000 Services Authority
 From: Seth Cunningham - R. W. Beck
 Subject: Financial Impact of Bedford Tonnage
 Date: April 14, 2011

The Region 2000 Services Authority (Authority) requested that R. W. Beck evaluate the financial impact to four member communities (City of Lynchburg, Campbell County, Nelson County and Appomattox County) if the City of Bedford (Bedford) were to stop hauling its waste to the Authority's landfill starting in FY 2013.

The first table summarizes the financial impact to the other four member communities from the increased cost of service if Bedford would withdraw its tonnage. The table shows the annual increase in cost that would be incurred by the member communities and the inflation-adjusted amount (adjusted to FY 2011 dollars) based on an average annual inflation of 2.4 percent. The total impact from FY 2013 through FY 2026 is projected to be \$623,724, with the inflation-adjusted amount being \$523,683. Without the Bedford tonnage, landfill life would be extended by approximately four months.

Table 1 – Additional Cost without Bedford Tonnage

Fiscal Year	Cost of Service			Member Community Tonnage	Cost Increase	Inflation Adjusted
	With Bedford	Without Bedford	Difference			
FY 2013	\$27.89	\$28.83	\$0.93	90,781	\$84,839	\$80,908
FY 2014	\$25.80	\$26.66	\$0.85	91,008	\$77,615	\$72,285
FY 2015	\$30.82	\$31.34	\$0.51	91,236	\$46,845	\$42,605
FY 2016	\$30.01	\$30.50	\$0.50	91,464	\$45,422	\$40,343
FY 2017	\$28.99	\$29.47	\$0.48	91,693	\$43,612	\$37,827
FY 2018	\$29.34	\$29.61	\$0.27	91,922	\$24,463	\$20,721
FY 2019	\$30.61	\$30.91	\$0.30	92,152	\$27,366	\$22,637
FY 2020	\$31.32	\$31.63	\$0.32	92,382	\$29,182	\$23,573
FY 2021	\$31.54	\$31.86	\$0.32	92,613	\$30,057	\$23,711
FY 2022	\$31.72	\$32.27	\$0.55	92,845	\$50,841	\$39,166
FY 2023	\$32.15	\$32.71	\$0.56	93,077	\$51,834	\$38,995
FY 2024	\$32.60	\$33.17	\$0.57	93,309	\$52,871	\$38,844
FY 2025	\$32.40	\$32.96	\$0.56	93,543	\$52,635	\$37,764
FY 2026 ¹	\$24.32	\$24.71	\$0.39	15,629	\$6,144	\$4,305
Total					\$623,724	\$523,683

1. Includes 2 months of FY 2026.



MEMORANDUM

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The City of Lynchburg (Lynchburg) and Campbell County (Campbell) each receive annual payments, in the form of excess revenue generated from market-rate landfill customers, to compensate these communities for the airspace they contributed to the Authority. Therefore, extending the life of the landfill by four months would provide these communities a partial excess revenue payment. Table 2 shows the projected value of the excess revenue payments to Lynchburg and Campbell during FY 2025 and the two months of FY 2026 (a total of 14 months), leading up to the Authority landfill reaching capacity. During these months leading up to the landfill reaching capacity, Lynchburg and Campbell are projected to average approximately \$80,650 per month in excess revenue. If the landfill were to remain open for an additional four months, Lynchburg and Campbell would receive approximately \$322,600 in additional excess revenue payments.

Table 2 – Benefit of Extending Landfill Four Months

Fiscal Year	City of Lynchburg ¹	Campbell County	Total	Inflation-Adjusted to FY 2011
FY 2025	\$411,465	\$932,619	\$1,344,084	\$964,333
FY 2026	\$71,999	\$163,192	\$235,191	\$164,786
Total				\$1,129,119
Number of Months				14
Average per Month				\$80,651
Value of Four Months				\$322,606

1. The Authority plans to withhold excess revenue payments from

Table 3 shows the net impact of the cost increase from Table 1 and the additional revenue from Table 2. The net impact to member communities of Bedford withdrawing its tonnage is estimated to be approximately \$201,000.

Table 3 – Net Impact

Description	Amount
Cost Increase	\$523,683
Additional Revenue	(\$322,606)
Net Impact	\$201,077



Agenda Item 3, B, ii: Process to Dissolve the Authority

VA Code § 15.2-5109. Dissolution and Termination of Authority.

Whenever the board of an authority determines that the purposes for which it was created have been completed or are impractical or impossible or that its functions have been taken over by one or more political subdivisions and that all its obligations have been paid or have been assumed by one or more of such political subdivisions or any authority created thereby or that cash or United States government securities have been deposited for their payment, it shall adopt and file with the governing body of each political subdivision which is a member of the authority a resolution declaring such facts. If all the governing bodies adopt resolutions concurring in such declaration and finding that the authority should be dissolved, they shall file appropriate articles of dissolution with the State Corporation Commission. When the affairs of the authority have been wound up and all of its assets have been distributed, the governing bodies shall file appropriate articles of termination of corporate existence with the State Corporation Commission. If any of the governing bodies refuse to adopt resolutions concurring in such declaration, then the authority may petition the circuit court for any locality which is a member of the authority to order one or more of such governing bodies to create a new authority. The circuit court may order the governing body of the political subdivision requesting dissolution of the existing authority to adopt an ordinance establishing a new authority to which the provisions of §§ 15.2-5102 through 15.2-5106 shall not apply. Thereafter, the court may order that the assets be divided among the authorities and, subject to the approval of any debt holder, require the assumption of a proportionate share of the obligations of the existing authority by the new authority.

Notwithstanding the provisions of subdivision 1 of § 15.2-5114, an authority shall continue in existence and shall not be dissolved because the term for which it was created, including any extensions thereof, has expired, unless all of such authority's functions have been taken over and its obligations have been paid or have been assumed by one or more political subdivisions or by an authority created thereby, or cash or United States government securities have been deposited for their payment.

Agenda Item 3 B iii: Process for an Individual Member to Withdraw

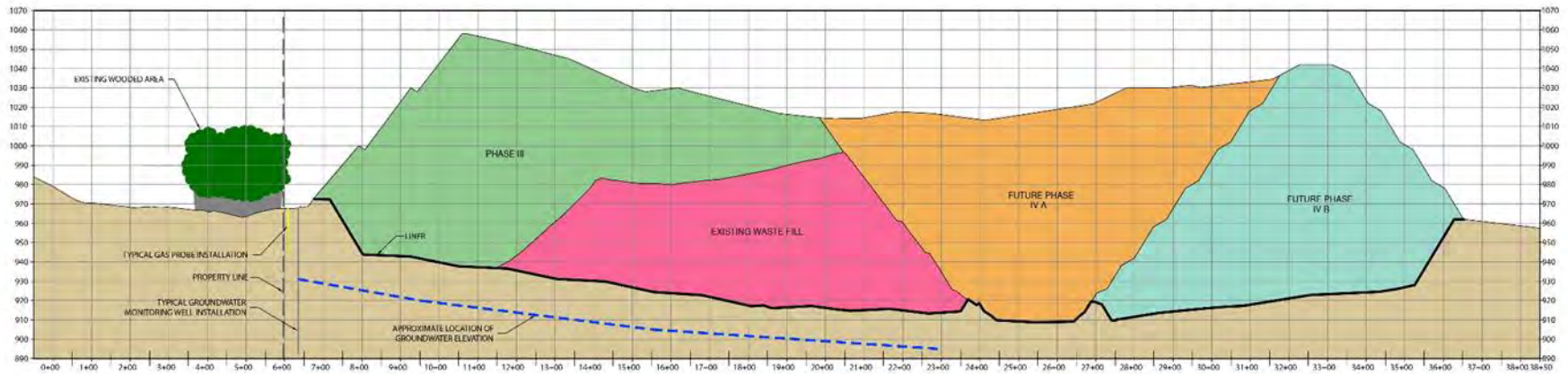
VA Code Section 15.2-5112 Section D

D. If the authority by resolution expresses its consent to withdrawal or joinder of a locality, the governing body of such locality and the governing bodies of the political subdivisions then members of the authority shall advertise the ordinance, resolution or agreement and hold a public hearing in accordance with § 15.2-5104.

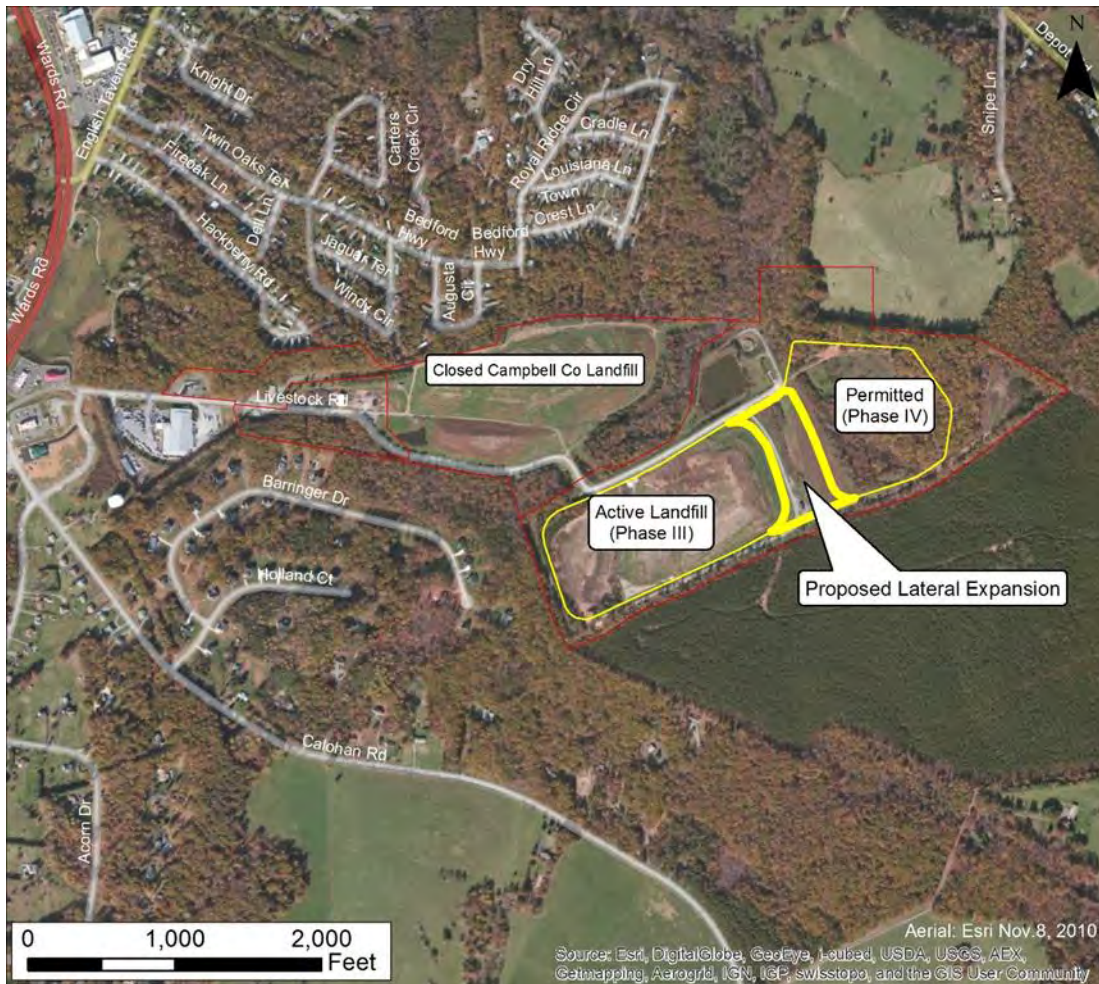
Upon adoption or approval of the ordinance, resolution or agreement, the governing body seeking to withdraw or join the authority shall file either an application to withdraw from or an application to become a member of the authority, whichever applies, with the State Corporation Commission. A joinder application shall set forth all of the information required in the case of original incorporation and shall be accompanied by certified copies of the resolutions, ordinances or agreement

- described in subsection B. Joinder and withdrawal applications shall be executed by the proper officers of the withdrawing or incoming locality under its official seal, and shall be joined in by the proper officers of the governing board of the authority, and in the case of a locality seeking to become a member of the authority also by the proper officers of each of the political subdivisions that are then members of the authority, pursuant to resolutions by the governing bodies of such political subdivisions.
- E. If the State Corporation Commission finds that the application conforms to law it shall approve the application. When all proper fees and charges have been paid, it shall file the approved application and issue to the applicant a certificate of withdrawal or a certificate of joinder, whichever applies, attached to a copy of the approved application. The withdrawal or joinder shall become effective upon the issuing of such certificate.

Lateral Expansion Cross Section



CROSS SECTION 1 - Scale: H: 1"=150'; V: 1"=30' (5 TIMES VERTICAL EXAGGERATION)



NAME OF REGIONAL ENTITY (Landfill Owners/Operators Only)	ANNUAL TONNAGE 2017 (DEQ – SWIA forms)	MEMBERS	LOCATION OF DISPOSAL FACILITY	TIPPING FEE As of date indicated/from web search	COMMENTS
Augusta County Regional Landfill Contact: Mr. Greg Thomasson Phone: 540-337-2857 Ext 104	135,352	Augusta County, Waynesboro, Staunton	Augusta County	Commercial and Industrial waste - \$45/ton	The three members pay their portion of the expenses of the Authority based on their % by tonnage received the previous year. Augusta County gets a 5% deduct on this. The 5% is split between the other two members based on their %. Estimated to be approximately \$90,000 for FY 2014. Residents of the three localities can use the landfill for free.
Blue Ridge Resource Authority Contact: Mr. Jake Adams Phone: 540-264-0213, Ext 4	42,036	Rockbridge County, Lexington	Buena Vista	Member - \$51.00 Municipal customer - \$63.75/ton Member commercial - \$53.00/ton Non-jurisdictional commercial - \$66.25/ton (FY 2019)	Buena Vista does not receive any payment or special benefits for having the landfill within its jurisdiction. Buena Vista is not a member of the Authority.
Carroll Grayson Galax Solid Waste Authority Contact: Mr. Allen Lawson Phone: 276-728-4907	37,584	Carroll County, Grayson County, City of Galax	Carroll County (Town of Hillsville)	All tonnage - \$50/ton (as of 7/1/18)	Carroll County does not receive any payment or special benefits for having the landfill within its jurisdiction.
New River Resource Authority Contact: Mr. Joe Levine Phone: 540-674-1677	104,817	Pulaski County, Radford, Giles County, Montgomery Regional SWA,	Pulaski County	MSW/Industrial - \$32/ton (as of 7/1/18)	Pulaski County does not receive any payment or special benefits for having landfill within its jurisdiction. All members receive same user fee reduction for membership.
Rappahannock Regional Solid Waste Management Board Contact: Phone: 540-658-4224	206,694	Stafford County, Fredericksburg	Stafford County	MSW < 1,000 tons - \$40/ton MSW ≥ 1,000; ≤ 1,500 tons - \$38/ton MSW ≥ 1,500 tons - \$32/ton (as of 9/1/18)	Stafford County does not receive any payment or special benefits from the R-Board for having the landfill within its jurisdiction. Flow control has been enacted for this facility.

NAME OF REGIONAL ENTITY (Landfill Owners/Operators Only)	ANNUAL TONNAGE 2017 (DEQ – SWIA forms)	MEMBERS	LOCATION OF DISPOSAL FACILITY	TIPPING FEE As of date indicated/from web search	COMMENTS
Roanoke Valley Resource Authority Contact: Mr. Dan Miles Phone: 540-857-5055	234,079	Roanoke County, Roanoke City, Town of Vinton	Roanoke County	MSW - \$51.50/ton Contract MSW - \$55.00/ton Commercial - \$61.50 (as of 7/1/18)	RVRA pays Roanoke County \$300,000 per year as a host fee for landfill and Roanoke City \$100,000 per year for transfer station. No escalators included in agreements.
Southeast Public Service Authority Contact: Phone:	34,078	Chesapeake, Franklin, Norfolk, Portsmouth, Suffolk, Virginia Beach, Isle of Wight County, and Southampton County	Suffolk	At landfill: MSW - \$62/ton Industrial process Waste - \$75/ton At transfer stations: MSW - \$62/ton Contract non-municipal customers - \$49/ton Non-contract Non-municipal customers - \$75/ton (as of 7/1/18)	Under an agreement with SPSA, Suffolk receives free disposal at the landfill. This agreement is in effect through 2018. The value of this agreement is estimated to be over several million dollars a year.
Southside Public Service Authority Contact: Mr. Wayne Carter Phone: 434-738-6191	69,913	Charlotte County, Halifax County, Mecklenburg County	Mecklenburg County	\$40/ton	Mecklenburg County does not receive any payment or special benefits for having the landfill within its jurisdiction. However, Mecklenburg residents may dispose of household waste at no charge.

NAME OF FACILITY	ANNUAL TONNAGE 2017 (DEQ – SWIA forms)	REPORTED REMAINING CAPACITY (years) (rounded)	HOST COMMUNITY	HOST FEE (From various sources)	COMMENTS
Atlantic Waste Disposal Waste Management	998,072	74	Sussex County	\$3.88/ton (*) (Calculated from self-reporting to VDEQ in 2013)	Probably includes other fees paid to County in addition to host fees. County gets free disposal. Tipping fees: No information
BFI Old Dominion Republic	492,823	34	Henrico County	\$2.50/ton exclusive of free tonnage (Quoted by B&M, 2014)	County gets 70,000 tons of free disposal per year. County pays approximately \$25/ton when exceed free disposal tonnage. Fauquier FY 2019 contract = \$25.24/ton. Culpeper County (from DAA 2015 tipping fee survey) = \$46.08 but includes hauling.
Brunswick Waste Management Facility LLC Republic	198,960	103	Brunswick County	No information available.	None
Charles City Landfill Waste Management	649,482	39	Charles City County	\$4.65/ton (*) (Calculated from self-reporting to VDEQ in 2013)	Probably includes other fees paid to County in addition to host fees.
Disposal and Recycling Services of Lunenburg Container First Services/Meridian Waste	96,817	5	Lunenburg County	\$1.00/ton Minimum payment /year \$150,000 Adjustment possible (From Host Agreement)	Company provides disposal services for up to 9 convenience centers.
Green Ridge Recycling and Disposal Facility County Waste	Proposed	Proposed	Cumberland County	\$1.50/ton up to 3000 tons per day Additional \$1.75/ton for tonnage over 3000 tons up to 5,000 tons	Facility is proposed. Host Agreement signed and provides for intermediate payments to County.
King and Queen Landfill Republic	709,993	22	King and Queen County	No information available	Fauquier FY 2019 contract = \$25.23/ton

NAME OF FACILITY	ANNUAL TONNAGE 2017 (DEQ – SWIA forms)	REPORTED REMAINING CAPACITY (years) (rounded)	HOST COMMUNITY	HOST FEE (From various sources)	COMMENTS
King George Landfill and Recycling Center Waste Management	1,727,162	31	King George County	\$4.78/ton (*) (Calculated from self-reporting to VDEQ in 2013)	Probably includes other fees paid to County in addition to host fees. County gets free disposal.
Maplewood Recycling and Waste Disposal Waste Management	393,154	150	Amelia County	\$2.29/ton (*) (Calculated from self-reporting to VDEQ in 2013)	County gets free disposal. From DAA tipping fee 2015 survey: Alleghany County: \$26.50 Greene County: \$25.00 Rivanna SW Authority: \$18.35
Middle Peninsula Landfill and Recycling Facility Waste Management	517,590	50	Gloucester County	\$0.78/ton (Quoted by B&M, 2014)	None
Shoosmith Landfill Shoosmith Brothers	1,192,705	31	Chesterfield County	No information available	None
Tri City Regional Disposal and Recycling Services Container First Services/Meridian Waste	278,493	4	Petersburg	No information available	None
USA Waste of Virginia Landfill – Bethel Waste Management	619,978	92	Hampton, VA	\$1.85/ton (*) (Calculated from self-reporting to VDEQ in 2013)	Northampton County – from DAA 2015 tipping fee survey: \$19.58/ton
Advanced Disposal (Tennessee facility)					From DAA 2015 tipping fee survey: Washington County: \$22.57 (includes hauling) Buchanan, Dickenson, Russell Counties: : \$ 16.47/ton

*Note that host fees noted as calculated, taken from reported information divided by 2013 tonnage. (Last year this information appears to have been reported.)