



Region 2000 Services Authority
August 25, 2021
2:00 PM

Central Virginia Planning District Commission
828 Main Street, 12th Floor
Lynchburg, VA 24504
and,
Electronic Option

AGENDA

1. **Welcome**, Frank Rogers, *Chair*
2. **Approval of Policy Regarding Electronic Meetings**, Bill Hefty, *Hefty Wiley & Gore, P.C.*
([Attachment 2a – Electronic Meeting Participation Memo](#))
([Attachment 2b – Electronic Meeting Participation Policy](#))
3. **Public Comments**, Frank Rogers, *Chair*
Individual citizens are requested to limit their remarks to three (3) minutes each and to those matters that are within the scope and authority of the Services Authority. The Authority may elect to extend this time with approval of a majority of its members. Please contact Gary Christie at 434 941-5859 or gary.christie@cvpdc.org to reserve a spot during the public comment period. The Chair may also take comments from individuals without pre-registering.
4. **Approval of June 16, 2021 – Meeting Minutes**, Frank Rogers, *Chair*
([Attachment 4 – Draft Minutes of 06/16/2021](#))
5. **Financial Report**, Rosalie Majerus, *CVPDC*
([Attachment 5a – Year Ending 6/30/2021 Financial Report](#))
([Attachment 5b – YTD Financial Report as of 07/31/2021](#))
6. **Presentation from Davenport, LLC on Financing Options for Phase V at the Livestock Road Landfill**, Ted Cole, *Davenport & Company, LLC*
([Attachment 6 – Region 2000 Landfill Phase V Project and Financing Options Overview](#))
7. **Director’s Report**, Clarke Gibson, *Director, Region 2000 Services Authority*
([Attachment 7a – FY2021 Tonnage Report](#))
([Attachment 7b – July 2021 Tonnage Report](#))
8. **Other Business from Members or Staff**, Frank Rodgers, *Chair*
9. **Election of Officers for FY2022**
10. **Adjourn**

Next Meeting: October 27, 2021, 2:00 pm

MEMORANDUM

ATTACHMENT 2A

To: Region 2000 Services Authority Board

From: William H. Hefty

Date: June 8, 2021

Re: Electronic meetings

The question is: What is the authority for electronic meetings and attendance of members via teleconference or telephone after the Governor lifts the current emergency declaration, which is anticipated to be June 30.

Section 2.2-3708.2 of the Freedom of Information Act, in the absence of an emergency declaration, allows members to attend a meeting electronically under certain conditions. The most important is that a quorum of the public body has to be physically assembled at one primary or central meeting location for a member or members to attend that meeting electronically. The public body also has to adopt a policy allowing electronic attendance. Arrangements must be made for the voice of the remote participant to be heard by all persons at the physical meeting location. The policy should include a vote of the public body at the beginning of the meeting to verify that the policy is being followed by the member claiming exemption from personal attendance. The member must notify the chair on or before the day of the meeting that he or she plans to use the exemption.

Under current law (until July 1), there are two categories of exemption. These are (1) a temporary disability or other medical condition that prevents the member's attendance or (2) a personal matter which prevents the member's attendance. The nature of the personal matter must be specifically identified and included in the minutes. The minutes shall also include a statement as to the remote location where the member is connected electronically. There is no definition of what constitutes a "personal matter."

The General Assembly this year added another category which takes effect July 1 as a reason that a member can attend meetings electronically, which is if the absence is due to "a family member's medical condition that requires the member to provide care for such family member, thereby preventing the member's physical attendance." The other requirements as to notification and inclusion of statements in the minutes apply to this exemption as well.

Regarding the number of times one of these three exemptions from in person participation may be used each year, if the member is unable to attend due to his or her own temporary or permanent disability or other medical condition or a family member's medical condition that requires the member to provide care for such family member, there is no limit. If the member is unable to attend due to a personal matter, however, this exemption may be used for no more than two meetings or 25% of the meetings held each calendar year rounded up to the

next whole number, whichever is greater. For the Region 2000 Services Authority, the limit would practically be two meetings since the Authority does not normally meet more than eight times a year.

There is one more exemption that applies to regional public bodies such as the Authority. If a member's personal residence is more than 60 miles away from the meeting location, he or she may attend electronically. The public body must include this exemption in their policy, and there is no limit on the number of times it can be used.



Policy of the Region 2000 Services Authority regarding participation in meetings via teleconference or telephone

1. A quorum of the Workforce Board must be physically present
2. At the beginning of each meeting the Board must vote to allow electronic participation to verify that the policy is being followed by the member claiming exemption from personal attendance.
3. The member must notify the chair on or before the day of the meeting that he or she plans to use the exemption.
4. The member must identify the reason for the use of the electronic meeting provision:
 - a) a temporary disability or other medical condition that prevents the member's attendance
 - b) a personal matter which prevents the member's attendance. The nature of the personal matter must be specifically identified and included in the minutes. There is no definition of what constitutes a "personal matter."
 - c) a family member's medical condition that requires the member to provide care for such family member, thereby preventing the member's physical attendance.
 - d) If a member's personal residence is more than 60 miles from the meeting location, he/she may attend electronically.
5. There is no limit to the number of times a member may use:
 - a) the temporary disability or other medical condition reason,
 - b) a family member's medical condition,
 - c) residence more than 60 miles from the meeting location.
6. The use of personal matters (4b) is limited to 25% of the annual meetings of the Board or two (2) meetings, whichever is greater.
7. The minutes shall also include a statement as to the remote location where the member is connected electronically.

Region 2000 Services Authority

Draft Minutes

June 16, 2021

Via Zoom



Members Present

Susan Adams, Appomattox
Steve Carter, Nelson
Frank Rogers, Campbell, Chair
Reid Wodicka, Lynchburg

Staff Present:

Gary Christie
Clarke Gibson
Bill Hefty
Rosalie Majerus

Welcome: Chairman Frank Rogers welcomed the members of the Authority, staff and visitors, all participating by Zoom.

Public Comment: There were not requests for public comment, either in advance or during the meeting's public comment section.

Approval of the May 27, 2021 meeting minutes – upon a motion by Mr. Wodicka, seconded by Mr. Carter, the Authority unanimously approved the meeting minutes of 5-27-21 as presented (Yes – Adams, Carter, Wodicka, Rogers)

Adoption of FY 2021-2022 Budget – Solid Waste Director Clarke Gibson gave an overview of the proposed budget and outlined changes made. Mr. Gibson noted that the proposed budget contains a 5% increase for staff. He noted no change in fees or revenues from the previous year and that landfill rates to members and businesses have increased only marginally in the last seven years.

Mr. Gibson noted that sales of surplus equipment had generated more money than expected and staff was able to reduce the amount needed for 2021-2022 capital equipment contribution.

Mr. Hefty reviewed the briefing paper he prepared for the Authority noting that Excess Revenue Payments to Lynchburg and Campbell cease under the Member Use Agreement after the initial airspace is consumed, which will be September 1, 2021. Following that date, Excess Revenue will be distributed pursuant to the previous policy adopted by the Board, unless that policy is changed. The payments under the policy, however, will not be made until the FY22 audit is finalized, which will be in FY23. Therefore, any payments made in FY 22 will be for Excess Revenue for FY 21, which will be subject to approval by the Board unless the Court rules otherwise in the lawsuit that Campbell and Lynchburg have filed.

Mr. Steve Carter noted the County Attorneys in Appomattox and Nelson disagree with Mr. Hefty's opinion. Ms. Susan Adams confirmed Mr. Carter's comments and said that a memorandum will be forthcoming.

Mr. Carter asked about the 5% raise and other Authority members noted they are giving 5% raises in their jurisdictions.

Upon a motion by Ms. Adams, seconded by Mr. Wodicka, the Authority agreed to the FY 2021-2022 budget as presented in the amount of \$7,054,565 with the condition that Excess Revenue distribution during the fiscal year would be subject to a separate vote at a later date. (YES – Adams, Carter, Wodicka. No – Rogers)

Director's Report – Mr. Gibson reviewed the tonnage report through May and noted it was above last year's numbers. He provided a correction to the previous Odor Complaint Report saying that there had actually been 3 different addresses on 3 different days and a total of four complaints. More recently the landfill received 2 complaints from 2 addresses on two different days.

Other business – Mr. Christie and Mr. Gibson thanked the Authority for the 5% pay increase.

July 28, 2021 meeting – Mr. Hefty noted that the Governor's emergency order will expire on June 30 and that after that date the Board will need to meet in person subject to one member being able to meet electronically for a personal or medical matter if the Authority adopts a policy to that effect. Chairman Rogers suggested that staff bring the draft policy to the July 28 meeting. Mr. Hefty stated that the Board could continue to provide electronic access to the meetings for the public.

Mr. Wodicka suggested Ramey Auditorium at VDOT for the location for this July 28 meeting. Mr. Rogers suggested somewhere in Campbell County near the City limits and asked staff to develop a recommendation.

Adjourn – upon a motion by Ms. Adams, seconded by Mr. Wodicka, the Authority unanimously agreed to adjourn the meeting.

Region 2000 Services Authority
 FY 21 Disposal Fee Revenue through 06/30/2021
 Schedule 1

ATTACHMENT 5A
(8 pages)

FY2021 Rates
 \$30.25/\$40.25

FY2022 Rates
 \$30.25/\$40.25

	(A)	(B)	(C)	(D)			
Tonnage	FY 2021 Approved Budget	Actuals Though 06/30/21	Budget Amount Remaining (A - B)	Budget % Remaining (C / A)	FY 2022 Approved Budget	FY 2022 amount change from FY 2021	% Change FY21 to FY22 Budget
Tonnage From Member Jurisdictions							
Lynchburg	35,160	39,237	(4,077)	-11.59%	35,160	0	0.00%
Campbell	20,412	22,832	(2,420)	-11.85%	20,412	0	0.00%
Nelson	9,984	11,977	(1,993)	-19.96%	9,984	0	0.00%
Appomattox	5,354	6,618	(1,264)	-23.60%	5,354	0	0.00%
Subtotal Member Jurisdictions	70,910	80,663	(9,753)	-13.75%	70,910	0	0.00%
Lynchburg Contracts & Other Waste	-	-	-	0.00%	-	-	-
Market Rate Tonnage	121,976	124,116	(2,140)	-1.75%	121,976	0	0.00%
Subtotal Contract and Market Rate	121,976	124,116	(2,140)	-1.75%	121,976	0	0.00%
Subtotal Revenue Generating Tonnage	192,886	204,778	(11,892)	-6.17%	192,886	0	0.00%
Other Tonnage at No Charge (inert/brush/slag)	12,176	18,661	(6,485)	-53.26%	12,176	0	0.00%
Total Tonnage	205,062	223,440	(18,378)	-8.96%	205,062	0	0.00%

Disposal Fee Revenue	FY 2021 Approved Budget	Actuals Though 06/30/21	Budget Amount Remaining (A - B)	Budget % Remaining (C / A)	FY 2022 Approved Budget	FY 2022 amount change from FY 2021	% Change FY21 to FY22 Budget
From Member Jurisdictions							
Lynchburg	\$ 1,063,590	\$ 1,184,670	\$ (121,080)	-11.38%	\$ 1,063,590	0	0.00%
Campbell	\$ 617,463	\$ 691,295	\$ (73,832)	-11.96%	\$ 617,463	0	0.00%
Nelson	\$ 302,016	\$ 362,299	\$ (60,283)	-19.96%	\$ 302,016	0	0.00%
Appomattox	\$ 161,959	\$ 201,025	\$ (39,067)	-24.12%	\$ 161,959	0	0.00%
Subtotal Member Jurisdictions	\$ 2,145,028	\$ 2,439,289	\$ (294,262)	-13.72%	\$ 2,145,028	0	0.00%
Market Rate Tonnage	\$ 4,909,537	\$ 4,993,434	\$ (83,897)	-1.71%	\$ 4,909,537	0	0.00%
Subtotal Contract and Market Rate	\$ 4,909,537	\$ 4,993,434	\$ (83,897)	-1.71%	\$ 4,909,537	0	0.00%
Total	\$ 7,054,565	\$ 7,432,723	\$ (378,159)	-5.36%	\$ 7,054,565	0	0.00%

Per Ton Disposal Fees	FY 2021 Approved Budget	Actuals Though 06/30/21	Budget Amount Remaining (A - B)	% Difference (C / A)	FY 2022 Approved Budget	FY 2022 amount change from FY 2021	% Change FY21 to FY22 Budget
Member Disposal Fee	\$ 30.25	\$ 30.241	\$ 0.009	0.03%	\$ 30.250	0.00	0.00%
Cost of Service (COS) Tipping Fee	\$ 30.25	\$ 28.551	\$ 1.699	5.62%	\$ 30.250	0.00	0.00%
Market Rate	\$ 40.25	\$ 40.232	\$ 0.018	0.04%	\$ 40.250	0.00	0.00%

Region 2000 Services Authority
 FY 21 Expenses through 06/30/2021

Schedule 2

FY2021 Rates
 \$30.25/\$40.25

FY2022 Rates
 \$30.25/\$40.25

Expenses	(A)	(B)	(C)	(D)	FY 2022 Approved Budget	FY 2022 amount change from FY 2021	% Change FY21 to FY22 Budget
	FY 2021 Approved Budget	Actuals Though 06/30/21	Budget Amount Remaining (A - B)	Budget % Remaining (C / A)			
Personnel (Schedule 3)	\$ 1,569,252	\$ 1,500,089	\$ 69,163	4.41%	\$ 1,621,713	\$ 52,461	3.34%
Landfill O & M (Schedule 4)	\$ 1,600,555	\$ 1,717,775	\$ (117,220)	-7.32%	\$ 1,547,244	\$ (53,311)	-3.33%
Landfill Equipment Replacement Reserve	\$ 500,000	\$ 500,000	\$ -	0.00%	\$ 463,375	\$ (36,625)	-7.33%
Closure and Post-Closure Reserve Livestock Road	\$ 353,546	\$ 353,546	\$ -	0.00%	\$ 450,000	\$ 96,454	27.28%
Future Disposal Planning Reserve	\$ -	\$ -	\$ -	0.00%	\$ -	\$ -	0.00%
O & M Reserve	\$ -	\$ -	\$ -	0.00%	\$ -	\$ -	0.00%
FY21 Contingency	\$ 34,012	\$ 19,000	\$ 15,012	44.14%	\$ -	\$ (34,012)	3.00%
Annual Debt Service -2011 Bond Debt	\$ 854,442	\$ 834,121	\$ 20,321	2.38%	\$ 829,225	\$ (25,217)	-2.95%
2015 Bond Debt	\$ 1,112,212	\$ 1,112,212	\$ 0	0.00%	\$ 1,112,462	\$ 250	0.02%
Internal Loan	\$ -	\$ -	\$ -	0.00%	\$ -	\$ -	0.00%
Annual Debt Service Subtotal	\$ 1,966,654	\$ 1,946,333	\$ 20,321	1.03%	\$ 1,941,687	\$ (24,967)	-1.27%
Operating Expenses	\$ 6,024,019	\$ 6,036,742	\$ (12,724)	-0.21%	\$ 6,024,019	\$ 0	0.00%
Reimbursable Personnel Costs (Schedule 5)	\$ (46,715)	\$ (42,283)	\$ (4,432)	9.49%	\$ (46,715)	\$ -	0.00%
Reimbursable O & M Costs (Schedule 5)	\$ (121,500)	\$ (107,165)	\$ (14,335)	11.80%	\$ (121,500)	\$ -	0.00%
Late fees/Recycling Revenue/Fin charges	\$ (20,000)	\$ (40,563)	\$ 20,563	-102.82%	\$ (20,000)	\$ -	0.00%
Interest Income-Operating (19% of Actual)	\$ (1,000)	\$ (53)	\$ (947)	94.73%	\$ (1,000)	\$ -	0.00%
Late Fee, Recycling & Int Income	\$ (21,000)	\$ (40,616)	\$ 19,616	-93.41%	\$ (21,000)	\$ -	0.00%

Net Cost of Service Operating Expense Total **\$ 5,834,804** **\$ 5,846,678** **\$ (11,874)** **-0.20%** **\$ 5,834,804** **\$ 0** **0.00%**

	FY 2021 Approved Budget	Actuals Though 06/30/21	Budget Amount Remaining (A - B)	Budget % Remaining (C / A)	FY 2022 Approved Budget	FY 2022 amount change from FY 2021	% Change FY21 to FY22 Budget
Airspace Reserve							
Airspace Reserve Subtotal	\$ 1,219,761	\$ 1,449,779	\$ (230,018)	-18.86%	\$ 1,219,761	\$ (0)	0.00%
O & M Reserve Contribution	\$ -	\$ 136,266	\$ (136,266)		\$ -	\$ -	

Total Expenses **\$ 7,054,565** **\$ 7,432,723** **\$ (378,158)** **-5.36%** **\$ 7,054,565** **\$ 0** **0.00%**

Total Revenue Generating Tonnage **192,886** **204,778** **(11,892)** **-6.17%** **192,886** **(0)** **0.00%**
Disposal Cost per Ton **\$ 30.2500** **\$ 28.551** **\$ 1.699** **5.62%** **\$ 30.2500** **\$ 0.0000** **0.00%**

Schedule 2

8/19/2021 11:07 AM

Personnel
Schedule 3

	(A)	(B)	(C)	(D)			
Account	FY 2021 Approved Budget	Actuals Though 06/30/21	Budget Amount Remaining (A - B)	Budget % Remaining (C / A)	FY 2022 Approved Budget	FY 2022 amount change from FY 2021	% Change FY21 to FY22 Budget
Solid Waste Staff							
Management							
41111 Salaries - Solid Waste Director	\$ 130,495	\$ 131,495	\$ (1,000)	-0.77%	\$ 130,495	\$ -	0.00%
41112 Salaries-Environ Compl & Safety	\$ 60,525	\$ 61,525	\$ (1,000)	-1.65%	\$ 60,525	\$ -	0.00%
41129 Salaries-Environ Technician	\$ 51,513	\$ 52,513	\$ (1,000)	-1.94%	\$ 51,513	\$ -	0.00%
41113 Salaries-Business Manager	\$ 65,905	\$ 66,905	\$ (1,000)	-1.52%	\$ 65,905.00	\$ -	0.00%
41114 Salaries-Finance Associate	\$ 33,882	\$ 24,069	\$ 9,813	28.96%	\$ 35,543.00	\$ 1,661	4.90%
41115 Salaries-Administrative Assist	\$ -	\$ -	\$ -	0.00%	\$ -	\$ -	0.00%
Management	\$ 342,320	\$ 336,507	\$ 5,813	1.70%	\$ 343,981	\$ 1,661	0.49%
Salaries & Wages-Operations							
41121 Salaries & Wages-Opeations Mgr	\$ 68,636	\$ 69,635	\$ (999)	-1.46%	\$ 68,636.00	\$ -	0.00%
41122 Salaries-Recycling Program Mgr	\$ -	\$ -	\$ -	0.00%	\$ -	\$ -	0.00%
41123 Salaries&Wages-Scale Operator	\$ 87,910	\$ 90,391	\$ (2,481)	-2.82%	\$ 89,277.00	\$ 1,367	1.55%
41124 Salaries&Wages-Supervisor	\$ 50,942	\$ 51,941	\$ (999)	-1.96%	\$ 50,942.00	\$ -	0.00%
41124 Salaries&Wages-Operator IV	\$ -	\$ -	\$ -	0.00%	\$ -	\$ -	0.00%
41125 Salaries&Wages-Operator	\$ 292,748	\$ 291,674	\$ 1,074	0.37%	\$ 292,748.00	\$ -	0.00%
41126 Salaries&Wages-Operator II	\$ -	\$ -	\$ -	0.00%	\$ -	\$ -	0.00%
41127 Salaries&Wages- Maint Worker	\$ 30,405	\$ 25,211	\$ 5,194	17.08%	\$ 30,405.00	\$ -	0.00%
41128 Salaries&Wages-Mechanic	\$ 89,955	\$ 91,021	\$ (1,066)	-1.19%	\$ 89,955.00	\$ -	0.00%
Operations	\$ 620,596	\$ 619,873	\$ 723	0.12%	\$ 621,963	\$ 1,367	0.22%
Salary	\$ 962,916	\$ 956,380	\$ 6,536	0.68%	\$ 965,944	\$ 3,028	0.31%
Proposed Increase (5%)	\$ -	\$ -	\$ -	0.00%	\$ 48,297.20	\$ 48,297	
Total Salaries	\$ 962,916	\$ 956,380	\$ 6,536	0.68%	\$ 1,014,241	\$ 51,325	5.33%
Employee Benefits							
42210 VRS-Retirement	\$ 51,951	\$ 40,980	\$ 10,971	21.12%	\$ 54,549	\$ 2,598	5.00%
42220 VRS Life Insurance (1.34%)	\$ 13,290	\$ 12,451	\$ 839	6.32%	\$ 13,955	\$ 665	5.00%
42300 Employer Cost-Health Insurance	\$ 212,631	\$ 206,153	\$ 6,477	3.05%	\$ 210,505	\$ (2,126)	-1.00%
42310 Employer Cost-Dental Insurance	\$ -	\$ -	\$ -	0.00%	\$ -	\$ -	0.00%
42700 Employer Cost-Worker's Comp	\$ 35,000	\$ 30,892	\$ 4,108	11.74%	\$ 35,000	\$ -	0.00%
42100 Employer Cost-FICA	\$ 78,627	\$ 71,632	\$ 6,995	8.90%	\$ 78,627	\$ -	0.00%
42600 Unemployment Insurance	\$ 8,000	\$ -	\$ 8,000	100.00%	\$ 8,000	\$ -	0.00%
Employee Benefits Subtotal	\$ 399,499	\$ 362,108	\$ 37,391	9.36%	\$ 400,635	\$ 1,136	0.28%
Overtime							
41200 Salaries and Wages - Overtime	\$ 36,000	\$ 36,138	\$ (138)	-0.38%	\$ 36,000	\$ -	0.00%
Overtime Subtotal	\$ 36,000	\$ 36,138	\$ (138)	-0.38%	\$ 36,000	\$ -	0.00%
Total Personnel Costs-Services Authority Staff	\$ 1,398,415	\$ 1,354,627	\$ 43,788	3.13%	\$ 1,450,876	\$ 52,461	3.75%
Local Government Council Staff							
43131 Prof Services-LGC-Salaries	\$ 70,812	\$ 76,072	\$ (5,260)	-7.43%	\$ 70,812	\$ -	0.00%
43132 Prof Services-LGC-Benefits	\$ 40,795	\$ 40,972	\$ (177)	-0.43%	\$ 40,795	\$ -	0.00%
43133 Prof Services-LGC Overhead	\$ 59,230	\$ 28,418	\$ 30,812	52.02%	\$ 59,230	\$ -	0.00%
Total Personnel Costs-Region 2000 Staff	\$ 170,837	\$ 145,462	\$ 25,375	14.85%	\$ 170,837	\$ -	0.00%
Total Personnel Costs	\$ 1,569,252	\$ 1,500,089	\$ 69,163	4.41%	\$ 1,621,713	\$ 52,461	3.34%

Landfill Operating and Maintenance Expenses

Schedule 4

Account	Operations and Maintenance Cost Type	(A)	(B)	(C)	(D)	FY 2022 Approved Budget	FY 2022 amount change from FY 2021	% Change FY21 to FY22 Budget
		FY 2021 Approved Budget	Actuals Though 06/30/21	Budget Amount Remaining (A - B)	Budget % Remaining (C / A)			
	Contractual Services							
43166	Software support-Paradigm	\$ 45,311	43,920	\$ 1,391	3.07%	\$ 7,000	\$ (38,311)	-84.55%
43321	Communications M&R Service/Radio	\$ 13,000	13,141	\$ (141)	-1.09%	\$ 13,000	\$ -	0.00%
43313	Building M & R Services	\$ 6,000	4,960	\$ 1,040	17.34%	\$ 6,000	\$ -	0.00%
43171	Site Maintenance-Concord Turnpike	\$ -	(192)	\$ 192	0.00%	\$ -	\$ -	0.00%
43172	Site Maintenance-Livestock Road	\$ 35,000	61,494	\$ (26,494)	-75.70%	\$ 35,000	\$ -	0.00%
43170	Sedimentation Basin Cleaning	\$ -	-	\$ -	0.00%	\$ -	\$ -	0.00%
43169	Janitorial Services	\$ 7,800	7,800	\$ -	0.00%	\$ 7,800	\$ -	0.00%
43110	Med/Dental/Pharm/Lab Services	\$ -	-	\$ -	0.00%	\$ -	\$ -	0.00%
43150	Legal Services	\$ 30,000	31,220	\$ (1,220)	-4.07%	\$ 30,000	\$ -	0.00%
43120	Accounting and auditing service	\$ 9,000	11,950	\$ (2,950)	-32.78%	\$ 9,000	\$ -	0.00%
43140	Engineering/Monitoring Services-Lynchburg	\$ -	13,430	\$ (13,430)	0.00%	\$ -	\$ -	0.00%
43140a	Engineering/Monitoring Services-Campbell	\$ 125,000	243,216	\$ (118,216)	-94.57%	\$ 125,000	\$ -	0.00%
43141	Professional Consulting Service	\$ -	3,905	\$ (3,905)	0.00%	\$ -	\$ -	0.00%
43160	Environmental Lab Services-Lynchburg	\$ -	1,239	\$ (1,239)	0.00%	\$ -	\$ -	0.00%
43160a	Environmental Lab Services-Campbell	\$ 8,000	12,393	\$ (4,393)	-54.91%	\$ 8,000	\$ -	0.00%
43200	Temporary Help Service Fees	\$ 30,000	14,252	\$ 15,748	52.49%	\$ 30,000	\$ -	0.00%
43600	Advertising	\$ 6,000	2,401	\$ 3,599	59.98%	\$ 6,000	\$ -	0.00%
43176	Software Purchases-Other	\$ 3,000	-	\$ 3,000	100.00%	\$ 3,000	\$ -	0.00%
43167	Pest Control services	\$ 1,000	960	\$ 40	4.00%	\$ 1,000	\$ -	0.00%
43168	Investigative Services	\$ 100	25	\$ 75	75.00%	\$ 100	\$ -	0.00%
46011	Uniform Rental Services / Clothing Allowance beginning FY2020	\$ 10,000	10,153	\$ (153)	-1.53%	\$ 10,000	\$ -	0.00%
43161	Tire Shredding Services	\$ 5,000	6,000	\$ (1,000)	-20.00%	\$ 5,000	\$ -	0.00%
43165	Misc Contractual Services	\$ 1,000	309	\$ 691	69.10%	\$ 1,000	\$ -	0.00%
43177	Website, Media & Public Communications	\$ 2,500	2,122	\$ 378	15.14%	\$ 2,500	\$ -	0.00%
42850	Employee Med Exp-drug tests, ph	\$ 1,500	1,312	\$ 189	12.57%	\$ 1,500	\$ -	0.00%
46031	Heavy Equipment-Outside Repair	\$ 70,000	123,719	\$ (53,719)	-76.74%	\$ 60,000	\$ (10,000)	-14.29%
43173	Mechanical M&R Services	\$ 4,000	12,997	\$ (8,997)	-224.93%	\$ 4,000	\$ -	0.00%
43121	Payroll support services	\$ 12,000	10,500	\$ 1,500	12.50%	\$ 12,000	\$ -	0.00%
46017	Software Maint Contract-Accounting	\$ 800	3,598	\$ (2,798)	-349.75%	\$ 800	\$ -	0.00%
43162	HHW Disposal	\$ -	(13,833)	\$ 13,833	0.00%	\$ -	\$ -	0.00%
43163	Wood Waste Grinding	\$ 10,000	10,500	\$ (500)	-5.00%	\$ 10,000	\$ -	0.00%
	Contractual Services Subtotal	\$ 436,011	633,491	\$ (197,480)	-45.29%	\$ 387,700	\$ (48,311)	-11.08%
	Supplies & Materials							
46001	Office Supplies/Audio Visual Supplies	\$ 6,000	4,628	\$ 1,372	22.87%	\$ 6,000	\$ -	0.00%
46002	Forms & Stationary	\$ 1,500	505	\$ 995	66.30%	\$ 1,500	\$ -	0.00%
46005	Custodial Supplies	\$ 2,500	2,144	\$ 356	14.22%	\$ 2,500	\$ -	0.00%
46033	Apparel/Protective Wear/Personal Protective Equipment	\$ 3,000	3,075	\$ (75)	-2.49%	\$ 3,000	\$ -	0.00%
46012	Books & Publications	\$ -	-	\$ -	0.00%	\$ -	\$ -	0.00%
46013	Subscriptions	\$ -	-	\$ -	0.00%	\$ -	\$ -	0.00%
46018	Safety Supplies	\$ 3,000	7,499	\$ (4,499)	-149.96%	\$ 3,000	\$ -	0.00%
46019	Awards & Recognitions	\$ -	-	\$ -	0.00%	\$ -	\$ -	0.00%
46020	Grounds Maintenance Supplies	\$ 3,000	2,992	\$ 8	0.27%	\$ 3,000	\$ -	0.00%
46026	Food & Dietary Supplies	\$ -	-	\$ -	0.00%	\$ -	\$ -	0.00%
46022	Minor Equipment-Tools	\$ 7,000	15,531	\$ (8,531)	-121.88%	\$ 7,000	\$ -	0.00%
46021	Chemicals/gases	\$ 500	262	\$ 238	47.69%	\$ 500	\$ -	0.00%
43310	R & M- Office	\$ -	-	\$ -	0.00%	\$ -	\$ -	0.00%
46009	Vehicle M&R Equipment Parts	\$ 155,684	174,329	\$ (18,645)	-11.98%	\$ 155,684	\$ -	0.00%
46007	R&M Supplies-Building	\$ 5,000	391	\$ 4,609	92.19%	\$ 5,000	\$ -	0.00%
43312	R & M-Mechanical-Materials	\$ -	19	\$ (19)	0.00%	\$ -	\$ -	0.00%
46016	Odor Control Operations & Materials	\$ 100,000	83,719	\$ 16,281	16.28%	\$ 100,000	\$ -	0.00%
46032	Communications M & R Materials	\$ 2,000	4,360	\$ (2,360)	-117.99%	\$ 2,000	\$ -	0.00%
46025	Haul Road M&R Materials	\$ 180,000	214,727	\$ (34,727)	-19.29%	\$ 180,000	\$ -	0.00%
46027	Daily Cover/Posi-Shell	\$ 110,000	63,670	\$ 46,330	42.12%	\$ 105,000	\$ (5,000)	-4.55%
45210	Postal Services	\$ 2,000	1,792	\$ 208	10.41%	\$ 2,000	\$ -	0.00%
45220	Messenger Services	\$ -	-	\$ -	0.00%	\$ -	\$ -	0.00%
43500	Printing & Binding	\$ 1,000	-	\$ 1,000	100.00%	\$ 1,000	\$ -	0.00%
46035	Shop Supplies	\$ 15,000	18,266	\$ (3,266)	-21.78%	\$ 15,000	\$ -	0.00%
42820	Education-Tuition Assistance	\$ -	-	\$ -	0.00%	\$ -	\$ -	0.00%
46023	Computer Materials & Repair	\$ 10,000	11,831	\$ (1,831)	-18.31%	\$ 10,000	\$ -	0.00%
46024	Mechanical M&R Materials	\$ -	-	\$ -	0.00%	\$ -	\$ -	0.00%
	Supplies & Materials Subtotal	\$ 607,184	609,738	\$ (2,554)	-0.42%	\$ 607,184	\$ (5,000)	0.00%
	Gas/Diesel Fuel/Oil & Grease							
46008	Vehicle & Equip Fuel-Diesel	\$ 216,000	157,218	\$ 58,782	27.21%	\$ 206,000	\$ (10,000)	-4.63%
46028	Vehicle & Equip Fuel-Gasoline	\$ 4,800	4,417	\$ 383	7.98%	\$ 4,800	\$ -	0.00%
46029	Vehicle & Equip/Oil & Grease	\$ 19,200	15,086	\$ 4,114	21.43%	\$ 19,200	\$ -	0.00%
46008	Gas/Diesel Fuel/Oil & Grease Subtotal	\$ 240,000	176,721	\$ 63,279	26.37%	\$ 230,000	\$ (10,000)	-4.17%
	Rentals & Leases							
45410	Lease/Rent of Equipment-Office (Copier/postal meter)	\$ 5,500	4,299	\$ 1,201	21.84%	\$ 5,500	\$ -	0.00%
45411	Lease/Rent of Equipment-Landfill	\$ 10,000	18,338	\$ (8,338)	-83.38%	\$ 10,000	\$ -	0.00%
45420	Lease/Rent of Buildings	\$ -	-	\$ -	0.00%	\$ -	\$ -	0.00%
	Rentals & Leases Subtotal	\$ 15,500	22,636	\$ (7,136)	-46.04%	\$ 15,500	\$ -	0.00%

Landfill Operating and Maintenance Expenses

Schedule 4

Account	Operations and Maintenance Cost Type	FY 2021 Approved Budget	Actuals Though 06/30/21	Budget Amount Remaining (A - B)	Budget % Remaining (C / A)	FY 2022 Approved Budget	FY 2022 amount change from FY 2021	% Change FY21 to FY22 Budget
	Utilities & Natural Gas							
45230	Telephone/Internet	\$ 20,000	17,435	\$ 2,565	12.82%	\$ 20,000	\$ -	0.00%
45110	Electrical Services	\$ 35,000	36,392	\$ (1,392)	-3.98%	\$ 35,000	\$ -	0.00%
45130	Water & Sewer	\$ 1,500	1,551	\$ (51)	-3.41%	\$ 1,500	\$ -	0.00%
45120	Utilities - Propane Gas	\$ 10,000	9,376	\$ 624	6.24%	\$ 10,000	\$ -	0.00%
45231	Cellular Services & Pager	\$ 3,960	2,280	\$ 1,680	42.42%	\$ 3,960	\$ -	0.00%
	Utilities Subtotal	\$ 70,460	67,034	\$ 3,426	4.86%	\$ 70,460	\$ -	0.00%
						\$ -	\$ -	0.00%
45500	Travel & Training-Includes Continuing Education	\$ 4,000		\$ 4,000	100.00%	\$ 4,000	\$ -	0.00%
45510	Travel Mileage-Personal Vehicle	\$ -	322	\$ (322)	0.00%	\$ -	\$ -	0.00%
45530	Travel-Subsistence & Lodging	\$ -	64	\$ (64)	0.00%	\$ -	\$ -	0.00%
45540	Off-Site Training	\$ -	(96)	\$ 96	0.00%	\$ -	\$ -	0.00%
46014	On-Site Training	\$ 4,000	2,075	\$ 1,925	48.13%	\$ 4,000	\$ -	0.00%
	Travel & Training Subtotal	\$ 8,000	2,365	\$ 5,635	70.44%	\$ 8,000	\$ -	0.00%
	Miscellaneous							
45800	Miscellaneous	\$ 3,500	1,245	\$ 2,255	64.43%	\$ 3,500	\$ -	0.00%
45810	Dues and Assoc Membership-Misc	\$ 1,800	1,008	\$ 792	44.00%	\$ 1,800	\$ -	0.00%
45801	Bank Service Charges	\$ 3,600	4,670	\$ (1,070)	-29.73%	\$ 3,600	\$ -	0.00%
45802	Cash Overage and (Shortage)	\$ -	19	\$ (19)	0.00%	\$ -	\$ -	0.00%
45803	Finance Charges paid to vendors	\$ -	-	\$ -	0.00%	\$ -	\$ -	0.00%
45804	Bad Debt Expense	\$ 3,000	769	\$ 2,231	74.37%	\$ 3,000	\$ -	0.00%
45840	VDEQ landfill fee - Misc	\$ 28,000	31,905	\$ (3,905)	-13.95%	\$ 33,000	\$ 5,000	17.86%
	Misc Expenses Subtotal	\$ 39,900	39,617	\$ 283	0.71%	\$ 44,900	\$ 5,000	12.53%
	Payments to Other Entities							
43164a	Leachate Treatment-LR facility	\$ 20,000	10,183	\$ 9,817	49.09%	\$ 20,000	\$ -	0.00%
45308	General Liability insurance	\$ 42,000	46,228	\$ (4,228)	-10.07%	\$ 42,000	\$ -	0.00%
	Payments to Other Entities Subtotal	\$ 62,000	59,008	\$ 2,992	4.83%	\$ 62,000	\$ -	0.00%
						\$ -	\$ -	
	Sub-Total SA O & M Expenses	1,479,055	1,610,610	\$ (131,555)	-8.89%	1,425,744	\$ (53,311)	-3.60%
	Reimbursable O & M Expenses (see Reimbursable Schedule for Detail)	\$ 121,500	107,165	\$ 14,335	11.80%	\$ 121,500	\$ -	0.00%
	Grand Total Operations and Maintenance Cost	\$ 1,600,555	\$ 1,717,775	\$ (117,220)	-7.32%	\$ 1,547,244	\$ (53,311)	-3.33%

Reimbursable Landfill Operating and Maintenance Expenses Personnel Costs

Schedule 5

Account	Operations and Maintenance Cost Type	(A)	(B)	(C)	(D)	FY 2022 Approved Budget	FY 2022 amount change from FY 2021	% Change FY21 to FY22 Budget
		FY 2021 Approved Budget	Actuals Though 06/30/21	Budget Amount Remaining (A - B)	Budget % Remaining (C / A)			
	Reimbursable Landfill O & M Expenses							
	City of Lynchburg							
43140	Engineering/Monitoring Services	\$ 60,000	\$ 65,253	\$ (5,253)	-8.8%	\$ 60,000	\$ -	0.00%
43160	Environmental Lab Services	\$ -	\$ 2,302	\$ (2,302)		\$ -	\$ -	
43162	HHW Disposal	\$ 28,050	\$ 41,262	\$ (13,212)	-47.1%	\$ 28,050	\$ -	0.00%
	City of Lynchburg Subtotal	\$ 88,050	\$ 108,818	\$ (20,768)	-23.6%	\$ 88,050	\$ -	0.00%
	Amherst County							
43162	HHW Disposal	\$ -	\$ -	\$ -	0.0%	\$ -	\$ -	0.00%
	Nelson County							
43162	HHW Disposal	\$ -	\$ -	\$ -	0.0%	\$ -	\$ -	0.00%
	Appomattox County							
43162	HHW Disposal	\$ -	\$ -	\$ -	0.0%	\$ -	\$ -	0.00%
	Campbell County							
43140a	Engineering/Monitoring/Remediation Services	\$ 22,840	\$ (5,395)	\$ 28,235	123.6%	\$ 22,840	\$ -	0.00%
43160a	Environmental Lab Services	\$ 5,000	\$ 3,742	\$ 1,258	25.2%	\$ 5,000	\$ -	0.00%
43162	HHW Disposal	\$ 5,610	\$ -	\$ 5,610	100.0%	\$ 5,610	\$ -	0.00%
43164a	Leachate Treatment	\$ -	\$ -	\$ -	0.0%	\$ -	\$ -	0.00%
	Campbell County Subtotal	\$ 33,450	\$ (1,653)	\$ 35,103	104.9%	\$ 33,450	\$ -	0.00%
	Reimbursable Landfill O & M Expenses	\$ 121,500	\$ 107,165	\$ 14,335	11.8%	\$ 121,500	\$ -	0.00%
	Reimbursable Landfill Personnel Costs							
	City of Lynchburg							
	Concord Turnpike Personnel Costs	\$ 40,715	\$ 39,918	\$ 797	2.0%	\$ 40,715	\$ -	0.00%
	City of Lynchburg Subtotal	\$ 40,715	\$ 39,918	\$ 797	2.0%	\$ 40,715	\$ -	0.00%
	Campbell County							
	Environmental Compliance & Safety	\$ 6,000	\$ 2,365	\$ 3,635	60.6%	\$ 6,000	\$ -	0.00%
	Campbell County Subtotal	\$ 6,000	\$ 2,365	\$ 3,635	60.6%	\$ 6,000	\$ -	0.00%
	Reimbursable Landfill Personnel Costs	\$ 46,715	\$ 42,283	\$ 4,432	9.5%	\$ 46,715	\$ -	0.00%

Region 2000 Services Authority

6/30/2021

Schedule 7

Capital Equipment Fund

FY2021 Capital Equipment Items (Preliminary)	Cost	Fund Balance
Estimated Balance @ 6/30/2020		\$ 242,256
FY 2021 Preliminary Purchases		
GPS System for D6XE (Actual)	\$ 39,500	
Pickup Truck (Actual)	\$ 33,103	
UTV (Actual)	\$ 11,971	
Digital Road Sign (Actual)	\$ 9,800	
3 New Mobile (Equipment) Radios	\$ 8,000	
New Undercarriage for 963 K and D6N (Actual)	\$ 69,283	
Computer Replacement (Actual)	\$ 4,837	
Subtotal	\$ 176,494	
Estimated Transfer from Operating Fund for FY2021		\$ 500,000
Estimated Balance @ 6/30/2021		\$ 565,762

Region 2000 Services Authority**Preliminary FY22**

6/30/2021

Schedule 7

Capital Equipment Fund

FY22 Capital Equipment Items (Preliminary)	Cost	Fund Balance
Estimated Balance @ 6/30/2021		\$ 565,762
FY 2022 Preliminary Purchases		
Remanufactured Compactor	\$ 450,000	
Replace Office Vehicle	\$ 35,000	
Storage Shed	\$ 8,000	
(4) Equipment Radios @ \$2,651 each	\$ 10,604	
Undercarriage Replacement for D-6XE and D-6N	\$ 60,000	
Replace ATV	\$ 16,000	
Remote Control Slope Mower	\$ 45,000	
Sale of heavy equipment	\$ (80,000)	
Subtotal	\$ 544,604	
Estimated Transfer from Operating Fund for FY2022		\$ 463,375
Estimated Balance @ 6/30/2022		\$ 484,533

Region 2000 Services Authority
 FY 21 Disposal Fee Revenue through 07/31/2021

ATTACHMENT 5B
 (8 pages)

Schedule 1

FY2021 Rates:
 \$30.25/\$40.25

FY2022 Rates
 \$30.25/\$40.25

	(A)	(B)	(C)	(D)
Tonnage	FY2022 Approved Budget	Actuals Though 07/31/21	Budget Amount Remaining (A - B)	Budget % Remaining (C / A)
Tonnage From Member Jurisdictions				
Lynchburg	35,160	3,367	31,793	90.42%
Campbell	20,412	2,000	18,412	90.20%
Nelson	9,984	1,004	8,980	89.94%
Appomattox	5,354	547	4,807	89.79%
Subtotal Member Jurisdictions	70,910	6,918	63,992	90.24%
Lynchburg Contracts & Other Waste	0	-	-	0.00%
Market Rate Tonnage	121,976	10,482	111,494	91.41%
Subtotal Contract and Market Rate	121,976	10,482	111,494	91.41%
Subtotal Revenue Generating Tonnage	192,886	17,400	175,486	90.98%
Other Tonnage at No Charge (inert/brush/slag)	12,176	818	11,358	93.28%
Total Tonnage	205,062	18,218	186,844	91.12%

		Actuals Though 07/31/21	Budget Amount Remaining (A - B)	Budget % Remaining (C / A)
Disposal Fee Revenue				
From Member Jurisdictions				
Lynchburg	\$ 1,063,590	\$ 102,122	\$ 961,468	90.40%
Campbell	\$ 617,463	\$ 60,510	\$ 556,953	90.20%
Nelson	\$ 302,016	\$ 30,369	\$ 271,647	89.94%
Appomattox	\$ 161,959	\$ 16,542	\$ 145,417	89.79%
Subtotal Member Jurisdictions	2,145,028	209,543	1,935,485	90.23%
Market Rate Tonnage	\$ 4,909,537	\$ 418,296	\$ 4,491,241	91.48%
Subtotal Contract and Market Rate	\$ 4,909,537	\$ 418,296	\$ 4,491,241	91.48%
Total	\$ 7,054,565	\$ 627,838	\$ 6,426,726	91.10%

Per Ton Disposal Fees	FY 2022 Approved Budget	Actuals Though 07/31/21	Budget Amount Remaining (A - B)	% Difference (C / A)
Member Disposal Fee	\$ 30.250	\$ 30.291	\$ (0.041)	-0.13%
Cost of Service (COS) Tipping Fee	\$ 30.250	\$ 34.349	\$ (4.099)	-13.55%
Market Rate	\$ 40.250	\$ 39.905	\$ 0.345	0.86%

Schedule 1

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Region 2000 Services Authority
 FY 21 Expenses through 07/31/2021
 Schedule 2

FY2022 Rates
 \$30.25/\$40.25

Expenses	(A)	(B)	(C)	(D)
	FY 2022 Approved Budget	Actuals Though 07/31/21	Budget Amount Remaining (A - B)	Budget % Remaining (C / A)
Personnel (Schedule 3)	\$ 1,621,714	\$ 149,246	\$ 1,472,467	90.80%
Landfill O & M (Schedule 4)	\$ 1,542,244	\$ 229,495	\$ 1,312,749	85.12%
Landfill Equipment Replacement Reserve	\$ 463,375	\$ 38,615	\$ 424,760	91.67%
Closure and Post-Closure Reserve Livestock Road	\$ 450,000	\$ 37,500	\$ 412,500	91.67%
Future Disposal Planning Reserve	\$ -	\$ -	\$ -	
O & M Reserve	\$ -	\$ -	\$ -	
Annual Debt Service -2011 Bond Debt	\$ 829,225	\$ 69,051	\$ 760,174	91.67%
2015 Bond Debt	\$ 1,112,462	\$ 92,663	\$ 1,019,799	91.67%
Internal Loan		\$ -	\$ -	
Annual Debt Service Subtotal	\$ 1,941,687	\$ 161,714	\$ 1,779,973	91.67%
Operating Expenses	\$ 6,019,020	\$ 616,570	\$ 5,402,450	89.76%
Reimbursable Personnel Costs (Schedule 5)	\$ (46,715)	\$ (3,365)	\$ (43,350)	92.80%
Reimbursable O & M Costs (Schedule 5)	\$ (121,500)	\$ (13,874)	\$ (107,626)	88.58%
Late fees/Recycling Revenue/Fin charges	\$ (20,000)	\$ (1,658)	\$ (18,342)	91.71%
Interest Income-Operating (19% of Actual)	\$ (1,000)	\$ (3)	\$ (997)	99.66%
Late Fee, Recycling & Int Income	\$ (21,000)	\$ (1,661)	\$ (19,339)	92.09%

Net Cost of Service Operating Expense Total	\$ 5,829,805	\$ 597,670	\$ 5,232,134	89.75%
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	FY 2022 Approved Budget	Actuals Though 07/31/21	Budget Amount Remaining (A - B)	Budget % Remaining (C / A)
Airspace Reserve				
Airspace Reserve Subtotal	\$ 1,219,761	\$ 58,240	\$ 1,161,521	95.23%
O & M Reserve Contribution	\$ -	\$ (28,072)	\$ 28,072	

Total Expenses	\$ 7,049,566	\$ 627,838	\$ 6,421,728	91.47%
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Total Revenue Generating Tonnage	192,886	17,400	175,486	90.98%
Disposal Cost per Ton	\$ 30.2241	\$ 34.349	\$ (4.275)	-14.21%

Schedule 2

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Personnel
Schedule 3

		(A)	(B)	(C)	(D)
	Account	FY 2022 Approved Budget	Actuals Though 07/31/21	Budget Amount Remaining (A - B)	Budget % Remaining (C / A)
	Solid Waste Staff				
	Management				
41111	Salaries - Solid Waste Director	\$ 130,495	\$ 11,418	\$ 119,077	91.25%
41112	Salaries-Environ Compl & Safety	\$ 60,525	\$ 5,296	\$ 55,229	91.25%
41129	Salaries-Environ Technician	\$ 51,513	\$ 4,507	\$ 47,006	91.25%
41113	Salaries-Business Manager	\$ 65,905	\$ 5,767	\$ 60,138	91.25%
41114	Salaries-Finance Associate	\$ 35,543	\$ 2,906	\$ 32,637	91.82%
	Management	\$ 343,981	\$ 29,895	\$ 314,086	91.31%
	Salaries & Wages-Operations				
41121	Salaries & Wages-Opeations Mgr	\$ 68,636	\$ 6,006	\$ 62,630	91.25%
41123	Salaries&Wages-Scale Operator	\$ 89,277	\$ 7,596	\$ 81,681	91.49%
41124	Salaries&Wages-Supervisor	\$ 50,942	\$ 4,457	\$ 46,485	91.25%
41125	Salaries&Wages-Operator	\$ 292,748	\$ 22,850	\$ 269,898	92.19%
41127	Salaries&Wages- Maint Worker	\$ 30,405	\$ -	\$ 30,405	100.00%
41128	Salaries&Wages-Mechanic	\$ 89,955	\$ 7,630	\$ 82,325	91.52%
	Operations	\$ 621,963	\$ 48,539	\$ 573,424	92.20%
	Salary	\$ 965,944	\$ 78,433	\$ 887,511	91.88%
	Salary Increases (5%)	\$ 48,297	\$ -	\$ 48,297	100.00%
	Total Salaries	\$ 1,014,241	\$ 78,433	\$ 935,808	92.27%
	Employee Benefits				
42210	VRS-Retirement	\$ 54,549	\$ 3,439	\$ 51,110	93.69%
42220	VRS Life Insurance (1.34%)	\$ 13,955	\$ 1,048	\$ 12,907	92.49%
42300	Employer Cost-Health Insurance	\$ 210,505	\$ 21,898	\$ 188,607	89.60%
42700	Employer Cost-Worker's Comp	\$ 35,000	\$ 24,326	\$ 10,674	30.50%
42100	Employer Cost-FICA	\$ 78,627	\$ 5,874	\$ 72,753	92.53%
42600	Unemployment Insurance	\$ 8,000	\$ -	\$ 8,000	100.00%
	Employee Benefits Subtotal	\$ 400,636	\$ 56,584	\$ 344,051	85.88%
	Overtime				
41200	Salaries and Wages - Overtime	\$ 36,000	\$ -	\$ 36,000	100.00%
	Overtime Subtotal	\$ 36,000	\$ 2,956	\$ 33,044	91.79%
	Total Personnel Costs-Services Authority Staff	\$ 1,450,877	\$ 137,974	\$ 1,312,903	90.49%
	Local Government Council Staff				
43131	Prof Services-LGC-Salaries	\$ 70,812	\$ 5,961	\$ 64,851	91.58%
43132	Prof Services-LGC-Benefits	\$ 40,795	\$ 3,026	\$ 37,769	92.58%
43133	Prof Services-LGC Overhead	\$ 59,230	\$ 2,286	\$ 56,944	96.14%
	Total Personnel Costs-Region 2000 Staff	\$ 170,837	\$ 11,272	\$ 159,565	93.40%
	Total Personnel Costs	\$ 1,621,714	\$ 149,246	\$ 1,472,467	90.80%

Schedule 3

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Landfill Operating and Maintenance Expenses

Schedule 4

		(A)	(B)	(C)	(D)
Account	Operations and Maintenance Cost Type	FY2022 Approved Budget	Actuals Though 07/31/21	Budget Amount Remaining (A - B)	Budget % Remaining (C / A)
	Contractual Services				
43166	Software support-Paradigm	\$ 7,000	8,833	\$ (1,833)	-26.18%
43321	Communications M&R Service/Radio	\$ 13,000	10,883	\$ 2,117	16.28%
43313	Building M & R Services	\$ 6,000	1,257	\$ 4,743	79.05%
43171	Site Maintenance-Concord Turnpike	\$ -	125	\$ (125)	0.00%
43172	Site Maintenance-Livestock Road	\$ 35,000	5,115	\$ 29,885	85.38%
43170	Sedimentation Basin Cleaning	\$ -	-	\$ -	0.00%
43169	Janitorial Services	\$ 7,800	650	\$ 7,150	91.67%
43110	Med/Dental/Pharm/Lab Services	\$ -	-	\$ -	0.00%
43150	Legal Services	\$ 30,000	2,500	\$ 27,500	91.67%
43120	Accounting and auditing service	\$ 9,000	-	\$ 9,000	100.00%
43140	Engineering/Monitoring Services-Lynchburg	\$ -	(2,650)	\$ 2,650	0.00%
43140a	Engineering/Monitoring Services-Campbell	\$ 125,000	-	\$ 125,000	100.00%
43141	Professional Consulting Service	\$ -	425	\$ (425)	0.00%
43160	Environmental Lab Services-Lynchburg	\$ -	(684)	\$ 684	0.00%
43160a	Environmental Lab Services-Campbell	\$ 8,000	-	\$ 8,000	100.00%
43200	Temporary Help Service Fees	\$ 30,000	149	\$ 29,851	99.50%
43600	Advertising	\$ 6,000	-	\$ 6,000	100.00%
43176	Software Purchases-Other	\$ 3,000	-	\$ 3,000	100.00%
43167	Pest Control services	\$ 1,000	80	\$ 920	92.00%
43168	Investigative Services	\$ 100	-	\$ 100	100.00%
46011	Uniform Rental Services / Clothing Allowance beginning FY2020	\$ 10,000	179	\$ 9,821	98.21%
43161	Tire Shredding Services	\$ 5,000	-	\$ 5,000	100.00%
43165	Misc Contractual Services	\$ 1,000	-	\$ 1,000	100.00%
43177	Website, Media & Public Communications	\$ 2,500	180	\$ 2,320	92.80%
42850	Employee Med Exp-drug tests, ph	\$ 1,500	-	\$ 1,500	100.00%
46031	Heavy Equipment-Outside Repair	\$ 60,000	13,206	\$ 46,794	77.99%
43173	Mechanical M&R Services	\$ 4,000	7,602	\$ (3,602)	-90.05%
43121	Payroll support services	\$ 12,000	-	\$ 12,000	100.00%
46017	Software Maint Contract-Accounting	\$ 800	-	\$ 800	100.00%
43162	HHW Disposal	\$ -	(10,539)	\$ 10,539	0.00%
43163	Wood Waste Grinding	\$ 10,000	-	\$ 10,000	100.00%
	Contractual Services Subtotal	\$ 387,700	37,311	\$ 350,389	90.38%
	Supplies & Materials				
46001	Office Supplies/Audio Visual Supplies	\$ 6,000	-	\$ 6,000	100.00%
46002	Forms & Stationary	\$ 1,500	232	\$ 1,268	84.53%
46005	Custodial Supplies	\$ 2,500	-	\$ 2,500	100.00%
46033	Apparel/Protective Wear/Personal Protective Equipment	\$ 3,000	-	\$ 3,000	100.00%
46012	Books & Publications	\$ -	-	\$ -	0.00%
46013	Subscriptions	\$ -	-	\$ -	0.00%
46018	Safety Supplies	\$ 3,000	(12)	\$ 3,012	100.40%
46019	Awards & Recognitions	\$ -	-	\$ -	0.00%
46020	Grounds Maintenance Supplies	\$ 3,000	1,001	\$ 1,999	66.62%
46026	Food & Dietary Supplies	\$ -	-	\$ -	0.00%
46022	Minor Equipment-Tools	\$ 7,000	404	\$ 6,596	94.22%
46021	Chemicals/gases	\$ 500	243	\$ 257	51.46%
43310	R & M- Office	\$ -	-	\$ -	0.00%
46009	Vehicle M&R Equipment Parts	\$ 155,684	22,745	\$ 132,939	85.39%
46007	R&M Supplies-Building	\$ 5,000	23	\$ 4,977	99.54%
43312	R & M-Mechanical-Materials	\$ -	-	\$ -	0.00%
46016	Odor Control Operations & Materials	\$ 100,000	36,590	\$ 63,410	63.41%

Landfill Operating and Maintenance Expenses

Schedule 4

Account	Operations and Maintenance Cost Type	FY2022 Approved Budget	Actuals Though 07/31/21	Budget Amount Remaining (A - B)	Budget % Remaining (C / A)
46032	Communications M & R Materials	\$ 2,000	-	\$ 2,000	100.00%
46025	Haul Road M&R Materials	\$ 180,000	8,097	\$ 171,903	95.50%
46027	Daily Cover/Posi-Shell	\$ 105,000	33,645	\$ 71,355	67.96%
45210	Postal Services	\$ 2,000	34	\$ 1,966	98.32%
45220	Messenger Services	\$ -	-	\$ -	0.00%
43500	Printing & Binding	\$ 1,000	-	\$ 1,000	100.00%
46035	Shop Supplies	\$ 15,000	2,976	\$ 12,024	80.16%
42820	Education-Tuition Assistance	\$ -	-	\$ -	0.00%
46023	Computer Materials & Repair	\$ 10,000	161	\$ 9,839	98.39%
46024	Mechanical M&R Materials	\$ -	-	\$ -	0.00%
	Supplies & Materials Subtotal	\$ 602,184	106,140	\$ 496,044	82.37%
	Gas/Diesel Fuel/Oil & Grease				
46008	Vehicle & Equipt Fuel-Diesel	\$ 206,000	19,349	\$ 186,651	90.61%
46028	Vehicle & Equipt Fuel-Gasoline	\$ 4,800	689	\$ 4,111	85.65%
46029	Vehicle & Equipt/Oil & Grease	\$ 19,200	-	\$ 19,200	100.00%
46008	Gas/Diesel Fuel/Oil & Grease Subtotal	\$ 230,000	20,038	\$ 209,962	91.29%
	Rentals & Leases				
45410	Lease/Rent of Equipment-Office (Copier/postal meter)	\$ 5,500	223	\$ 5,277	95.94%
45411	Lease/Rent of Equipment-Landfill	\$ 10,000	-	\$ 10,000	100.00%
45420	Lease/Rent of Buildings	\$ -	-	\$ -	0.00%
	Rentals & Leases Subtotal	\$ 15,500	223	\$ 15,277	98.56%
	Utilities & Natural Gas				
45230	Telephone/Internet	\$ 20,000	1,238	\$ 18,762	93.81%
45110	Electrical Services	\$ 35,000	-	\$ 35,000	100.00%
45130	Water & Sewer	\$ 1,500	974	\$ 526	35.05%
45120	Utilities - Propane Gas	\$ 10,000	40	\$ 9,960	99.60%
45231	Cellular Services & Pager	\$ 3,960	420	\$ 3,540	89.39%
	Utilities Subtotal	\$ 70,460	2,672	\$ 67,788	96.21%
45500	Travel & Training-Includes Continuing Education	\$ 4,000		\$ 4,000	100.00%
45510	Travel Mileage-Personal Vehicle	\$ -	320	\$ (320)	0.00%
45530	Travel-Subsistence & Lodging	\$ -	-	\$ -	0.00%
45540	Off-Site Training	\$ -	-	\$ -	0.00%
46014	On-Site Training	\$ 4,000	950	\$ 3,050	76.25%
	Travel & Training Subtotal	\$ 8,000	1,270	\$ 6,730	84.12%
	Miscellaneous				
45800	Miscellaneous	\$ 3,500	159	\$ 3,341	95.46%
45810	Dues and Assoc Membership-Misc	\$ 1,800	223	\$ 1,577	87.61%
45801	Bank Service Charges	\$ 3,600	-	\$ 3,600	100.00%
45802	Cash Overage and (Shortage)	\$ -	-	\$ -	0.00%
45803	Finance Charges paid to vendors	\$ -	-	\$ -	0.00%
45804	Bad Debt Expense	\$ 3,000	-	\$ 3,000	100.00%
45840	VDEQ landfill fee - Misc	\$ 33,000	-	\$ 33,000	100.00%
	Misc Expenses Subtotal	\$ 44,900	382	\$ 44,518	99.15%
	Payments to Other Entities				
43164a	Leachate Treatment-LR facility	\$ 20,000	1,506	\$ 18,494	92.47%
45308	General Liability insurance	\$ 42,000	46,078	\$ (4,078)	-9.71%
	Payments to Other Entities Subtotal	\$ 62,000	47,585	\$ 14,415	23.25%
	Sub-Total SA O & M Expenses	1,420,744	215,621	\$ 1,205,123	84.82%

Landfill Operating and Maintenance Expenses

Schedule 4

Account	Operations and Maintenance Cost Type	FY2022 Approved Budget	Actuals Though 07/31/21	Budget Amount Remaining (A - B)	Budget % Remaining (C / A)
	Reimbursable O & M Expenses (see Reimbursable Schedule for Detail)	\$ 121,500	13,874	\$ 107,626	88.58%
	Grand Total Operations and Maintenance Cost	\$ 1,542,244	\$ 229,495	\$ 1,312,749	85.12%

Reimbursable Landfill Operating and Maintenance Expenses Personnel Costs

Schedule 5

		(A)	(B)	(C)	(D)
Account	Operations and Maintenance Cost Type	FY 2022 Approved Budget	Actuals Through 07/31/21	Budget Amount Remaining (A - B)	Budget % Remaining (C / A)
	Reimbursable Landfill O & M Expenses				
	City of Lynchburg				
43140	Engineering/Monitoring Services	\$ 60,000	\$ 2,651	\$ 57,349	95.6%
43160	Environmental Lab Services	\$ -	\$ 684	\$ (684)	
43162	HHW Disposal	\$ 28,050	\$ 10,539	\$ 17,511	62.4%
	City of Lynchburg Subtotal	\$ 88,050	\$ 13,874	\$ 74,176	84.2%
	Amherst County				
43162	HHW Disposal	\$ -	\$ -	\$ -	
	Nelson County				
43162	HHW Disposal	\$ -	\$ -	\$ -	
	Appomattox County				
43162	HHW Disposal	\$ -	\$ -	\$ -	
	Campbell County				
43140a	Engineering/Monitoring/Remediation Services	\$ 22,840	\$ -	\$ 22,840	100.0%
43160a	Environmental Lab Services	\$ 5,000	\$ -	\$ 5,000	100.0%
43162	HHW Disposal	\$ 5,610	\$ -	\$ 5,610	100.0%
43164a	Leachate Treatment	\$ -	\$ -	\$ -	
	Campbell County Subtotal	\$ 33,450	\$ -	\$ 33,450	100.0%
	Reimbursable Landfill O & M Expenses	\$ 121,500	\$ 13,874	\$ 107,626	88.6%
	Reimbursable Landfill Personnel Costs				
	City of Lynchburg				
	Concord Turnpike Personnel Costs	\$ 40,715	\$ 3,365	\$ 37,350	91.7%
	City of Lynchburg Subtotal	\$ 40,715	\$ 3,365	\$ 37,350	91.7%
	Campbell County				
	Environmental Compliance & Safety	\$ 6,000	\$ -	\$ 6,000	100.0%
	Campbell County Subtotal	\$ 6,000	\$ -	\$ 6,000	100.0%
	Reimbursable Landfill Personnel Costs	\$ 46,715	\$ 3,365	\$ 43,350	92.8%

Region 2000 Services Authority**FY22**

7/31/2021

Schedule 7

Capital Equipment Fund

FY22 Capital Equipment Items (Preliminary)	Cost	Fund Balance
Estimated Balance @ 6/30/2021		\$ 565,762
FY 2022 Preliminary Purchases		
Remanufactured Compactor	\$ 450,000	
Replace Office Vehicle	\$ 35,000	
Storage Shed	\$ 8,000	
(4) Equipment Radios @ \$2,651 each	\$ 10,604	
Undercarriage Replacement for D-6XE and D-6N	\$ 60,000	
Replace ATV	\$ 16,000	
Remote Control Slope Mower	\$ 45,000	
Sale of heavy equipment	\$ (80,000)	
Subtotal	\$ 544,604	
Estimated Transfer from Operating Fund for FY2022		\$ 463,375
Estimated Balance @ 6/30/2022		\$ 484,533

To Region 2000 Services Authority
From Davenport & Company LLC
Date August 25, 2021
Subject Landfill – Phase V Project and Financing Options Overview

Overview

Region 2000 Services Authority (the “Authority”) is considering funding a new landfill cell (“Phase V” or the “Project”). The Project is estimated to cost approximately \$6.5 Million. Construction bids are expected to be in hand by Spring 2022. The Authority anticipates financing the cost of the Project through a Direct Bank Loan with a 10 Year Final Maturity, which aligns with the expected useful life of the new landfill cell. In consultation with the Authority Working Group, Davenport & Company (“Davenport”) and Burns & McDonnell (the “Consultant”) have prepared a series of potential financing options for the Board’s consideration, which include:

- **Scenario 1: Spring 2022 Financing, No Capitalized Interest**
 - This scenario results in the lowest total interest cost for the financing, but would require monthly interest deposits to commence in FY 2022.
 - In order to accommodate the additional interest deposits, the FY 2022 closure/post closure contribution would be reduced (by roughly \$98,805 based on planning estimates).
 - Under this scenario, interest rates would not be set until Spring 2022.

- **Scenario 2: Spring 2022 Financing, with Capitalized Interest through 8/1/2022**
 - This scenario results in slightly higher interest cost when compared to Scenario 1, by approximately \$26,164 based on planning estimates.
 - However, capitalizing interest would eliminate the need for monthly interest deposits to commence in FY 2022, resulting in no cash flow impact to the current budget (pro forma) for FY 2022. Additionally, the budgeted FY 2022 closure/post closure contribution in FY 2022 would not change.
 - Under this scenario, interest rates would not be set until Spring 2022.

- **Scenario 3: Fall 2021 Financing, with Capitalized Interest through 8/1/2022**
 - This scenario results in the highest interest cost when compared to Scenarios 1 and 2, by approximately \$149,289 based on planning estimates.
 - However, capitalizing interest would eliminate the need for monthly interest deposits to commence in FY 2022, resulting in no cash flow impact to the current budget (pro forma) for FY 2022. Additionally, the budgeted FY 2022 closure/post closure contribution in FY 2022 would not change.
 - Under this scenario, interest rates would be locked-in within the next 60 – 90 days, approximately 6 months before Scenarios 1 and 2.

Summary of Preliminary Results for Each Scenario

The Authority’s Consultant has prepared pro forma financial analyses in order to measure the impact on the cost of service for each scenario. A summary of the results is shown below. In each of the scenarios, the full closure/post closure cost is deposited and the Internal Loan is repaid by FY 2029.

Cost of Service	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
Case 1 (Spring, No Cap. Int.)	\$30.25	\$33.58	\$37.18	\$37.54	\$37.95	\$38.33	\$38.81	\$38.87
Case 2 (Spring, Cap. Int.)	\$30.25	\$33.47	\$37.25	\$37.61	\$38.00	\$38.39	\$38.81	\$38.86
Case 3 (Fall, Cap. Int.)	\$30.25	\$33.58	\$37.30	\$37.67	\$38.10	\$38.51	\$38.91	\$39.02

Debt Payments	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	Total
Case 1 (Spring, No Cap. Int.)	\$98,805	\$705,165	\$1,277,355	\$1,277,218	\$1,277,064	\$1,276,802	\$1,276,760	\$744,911	\$7,934,079
Case 2 (Spring, Cap. Int.)	\$0	\$693,161	\$1,301,104	\$1,301,138	\$1,301,527	\$1,301,911	\$1,301,860	\$759,541	\$7,960,243
Case 3 (Fall, Cap. Int.)	\$0	\$704,118	\$1,321,900	\$1,321,780	\$1,321,403	\$1,321,439	\$1,321,604	\$771,123	\$8,083,368

Closure Contributions	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	Total
Case 1 (Spring, No Cap. Int.)	\$351,195	\$150,000	\$300,000	\$2,010,000	\$2,615,000	\$2,775,000	\$2,850,000	\$1,915,000	\$12,966,195
Case 2 (Spring, Cap. Int.)	\$450,000	\$140,000	\$290,000	\$2,000,000	\$2,600,000	\$2,760,000	\$2,825,000	\$1,900,000	\$12,965,000
Case 3 (Fall, Cap. Int.)	\$450,000	\$150,000	\$280,000	\$1,990,000	\$2,600,000	\$2,765,000	\$2,825,000	\$1,905,000	\$12,965,000

Internal Loan	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	Total
Case 1 (Spring, No Cap. Int.)	\$0	\$258,523	\$258,523	\$258,523	\$258,523	\$258,523	\$258,523	\$0	\$1,551,135
Case 2 (Spring, Cap. Int.)	\$0	\$258,523	\$258,523	\$258,523	\$258,523	\$258,523	\$258,523	\$0	\$1,551,135
Case 3 (Fall, Cap. Int.)	\$0	\$258,523	\$258,523	\$258,523	\$258,523	\$258,523	\$258,523	\$0	\$1,551,135

Next Steps

- Obtain feedback from the Authority Board regarding the timing for issuing the debt (i.e., Fall 2021 or Spring 2022) and the preferred debt structure (i.e., with or without capitalized interest).
- Coordinate with the Working Group to develop a detailed financing schedule in order to identify key meeting dates and required actions by the Authority Board and Member Jurisdictions (if required).
- Implement preferred funding approach.

A more detailed set of discussion materials outlining the process, scenarios and decision points is included as an attachment to this memorandum.

Discussion Materials | Landfill – Phase V

Region 2000 Services Authority



August 25, 2021

- Region 2000 Services Authority (the “Authority”) is considering funding a new landfill cell (“Phase V” or the “Project”).
 - The Project is estimated to cost approximately \$6.5 Million. Detailed information on the estimated project budget is included in Appendix C.
 - Construction bids are expected to be in hand by Spring 2022.
 - The Authority anticipates financing the cost of the Project through a Direct Bank Loan with a 10 Year Final Maturity, which aligns with the expected useful life of the new landfill cell.

- In consultation with the Authority Working Group, Davenport & Company (“Davenport”) and Burns & McDonnell (the “Consultant”) have prepared a series of potential financing options for the Board’s consideration, including:
 - **Scenario 1:** Spring 2022 Financing, No Capitalized Interest
 - **Scenario 2:** Spring 2022 Financing, with Capitalized Interest through 8/1/2022
 - **Scenario 3:** Fall 2021 Financing, with Capitalized Interest through 8/1/2022

Summary of Financing Scenarios



- A summary of the Financing Scenarios analyzed is shown in the table below. Additional details are included on the following page and Appendix A.

A	B	C	D
	<u>Scenario 1</u>	<u>Scenario 2</u>	<u>Scenario 3</u>
1 Timing of Issuance	Spring 2022	Spring 2022	Fall 2021
2 Capitalize Interest	No	Through 8/1/2022	Through 8/1/2022
3 Goals	Minimize Interest Expense	No Payments in FY 2022	No Payments in FY 2022, lock-in interest rates
4 Final Maturity	2/1/2029	2/1/2029	2/1/2029
5 Planning Interest Rate	4.50%	4.50%	4.50%
6 Total Net Debt Service	\$7,934,079	\$7,960,243	\$8,083,368
7 Net Debt Service Difference vs. Scenario 1	-	\$26,164	\$149,289
8 Break-even Interest Rate Movement*	+50bps	+40bps	n/a

* Break-even reflects the interest rate movement that could occur between the Fall of 2021 and Spring 2022 that would result in the total interest cost of Scenarios 1 and 2 to equal the total interest cost of Scenario 3.

Summary of Scenarios | Debt Service and Sources & Uses

Basis – Monthly (Cash Flow) Deposits to Trustee



	Scenario 1 Spring'22, No Cap Interest			Scenario 2 Spring'22, Cap Interest			Scenario 3 Fall'21, Cap Interest			
	A FY	B Exist DS	C Prop DS	D Agg DS	E Exist DS	F Prop DS	G Agg DS	H Exist DS	I Prop DS	J Agg DS
1 Total		\$ 8,204,891	\$ 7,934,079	\$16,138,970	\$ 8,204,891	\$ 7,960,243	\$16,165,134	\$ 8,204,891	\$ 8,083,368	\$16,288,259
2 Diff vs. Sc1		-	-	-	\$ -	\$ 26,164	\$ 26,164	\$ -	\$ 149,289	\$ 149,289
3 2021		1,939,500	-	1,939,500	1,939,500	-	1,939,500	1,939,500	-	1,939,500
4 2022		1,941,206	98,805	2,040,011	1,941,206	-	1,941,206	1,941,206	-	1,941,206
5 2023		1,941,908	705,165	2,647,073	1,941,908	693,161	2,635,069	1,941,908	704,118	2,646,025
6 2024		1,942,243	1,277,355	3,219,598	1,942,243	1,301,104	3,243,347	1,942,243	1,321,900	3,264,143
7 2025		440,035	1,277,218	1,717,253	440,035	1,301,138	1,741,173	440,035	1,321,780	1,761,814
8 2026		-	1,277,064	1,277,064	-	1,301,527	1,301,527	-	1,321,403	1,321,403
9 2027		-	1,276,802	1,276,802	-	1,301,911	1,301,911	-	1,321,439	1,321,439
10 2028		-	1,276,760	1,276,760	-	1,301,860	1,301,860	-	1,321,604	1,321,604
11 2029		-	744,911	744,911	-	759,541	759,541	-	771,123	771,123

Key Assumptions

12 Dated/Closing Date	3/1/2022	3/1/2022	11/1/2021
13 First (Out of Pocket) Interest Deposit	3/25/2022	8/25/2022	8/25/2022
14 First Principal Deposit	2/25/2023	2/25/2023	2/25/2023
15 Final Maturity	2/1/2029	2/1/2029	2/1/2029
16 Term (in Years)	6.92	6.92	7.25
17 Assumed Planning Interest Rate	4.50%	4.50%	4.50%

Uses of Funds

18 Project Fund	6,436,800	6,436,800	6,436,800
19 Capitalized Interest Fund	-	125,869	230,074
20 Cost of Issuance	150,000	150,000	150,000
21 Additional Proceeds	200	331	126
22 Total	\$ 6,587,000	\$ 6,713,000	\$ 6,817,000

See Appendix A for more details

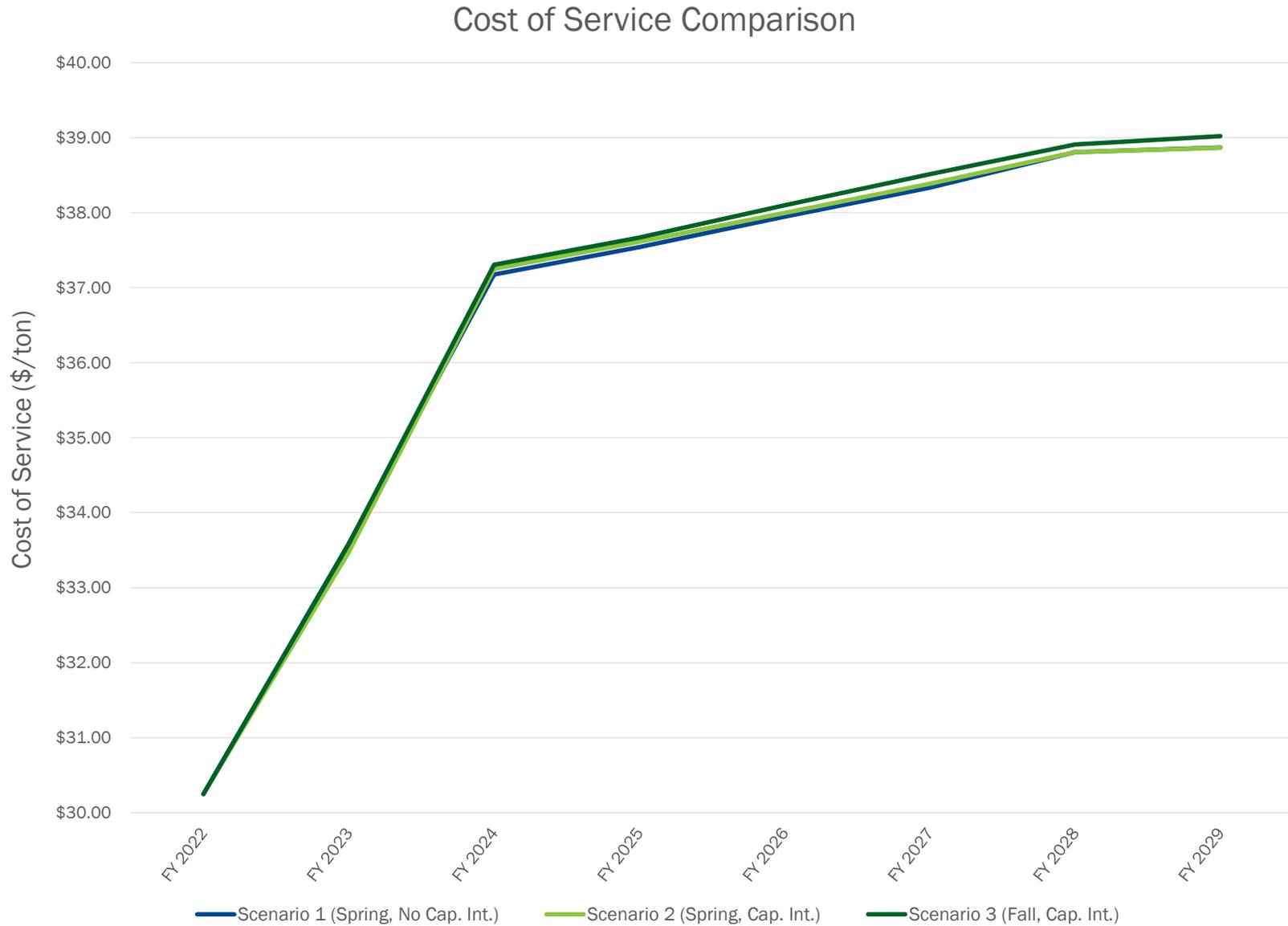
Preliminary Results | Summary of Pro Formas



	A	B	C	D	E	F	G	H	I	
	Cost of Service	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	
1	Scenario 1 (Spring, No Cap. Int.)	\$30.25	\$33.58	\$37.18	\$37.54	\$37.95	\$38.33	\$38.81	\$38.87	
2	Scenario 2 (Spring, Cap. Int.)	\$30.25	\$33.47	\$37.25	\$37.61	\$38.00	\$38.39	\$38.81	\$38.86	
3	Scenario 3 (Fall, Cap. Int.)	\$30.25	\$33.58	\$37.30	\$37.67	\$38.10	\$38.51	\$38.91	\$39.02	
4										
5	Debt Payments	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	Total
6	Scenario 1 (Spring, No Cap. Int.)	\$98,805	\$705,165	\$1,277,355	\$1,277,218	\$1,277,064	\$1,276,802	\$1,276,760	\$744,911	\$7,934,079
7	Scenario 2 (Spring, Cap. Int.)	\$0	\$693,161	\$1,301,104	\$1,301,138	\$1,301,527	\$1,301,911	\$1,301,860	\$759,541	\$7,960,243
8	Scenario 3 (Fall, Cap. Int.)	\$0	\$704,118	\$1,321,900	\$1,321,780	\$1,321,403	\$1,321,439	\$1,321,604	\$771,123	\$8,083,368
9										
10	Closure Contributions	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	Total
11	Scenario 1 (Spring, No Cap. Int.)	\$351,195	\$150,000	\$300,000	\$2,010,000	\$2,615,000	\$2,775,000	\$2,850,000	\$1,915,000	\$12,966,195
12	Scenario 2 (Spring, Cap. Int.)	\$450,000	\$140,000	\$290,000	\$2,000,000	\$2,600,000	\$2,760,000	\$2,825,000	\$1,900,000	\$12,965,000
13	Scenario 3 (Fall, Cap. Int.)	\$450,000	\$150,000	\$280,000	\$1,990,000	\$2,600,000	\$2,765,000	\$2,825,000	\$1,905,000	\$12,965,000
14										
15	Internal Loan	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	Total
16	Scenario 1 (Spring, No Cap. Int.)	\$0	\$258,523	\$258,523	\$258,523	\$258,523	\$258,523	\$258,523	\$0	\$1,551,135
17	Scenario 2 (Spring, Cap. Int.)	\$0	\$258,523	\$258,523	\$258,523	\$258,523	\$258,523	\$258,523	\$0	\$1,551,135
18	Scenario 3 (Fall, Cap. Int.)	\$0	\$258,523	\$258,523	\$258,523	\$258,523	\$258,523	\$258,523	\$0	\$1,551,135

See Appendix B for more details

Preliminary Results | Cost of Service Comparison



Direct Bank Loan Request for Proposals (“RFP”) Process and Next Steps



Direct Bank Loan RFP Process

- On behalf of the Authority, Davenport would distribute an RFP to solicit competitive funding proposals from local, regional, and national lenders for a Direct Bank Loan.
- The RFP could specify multiple loan structures for banks to provide in their proposals.
- The repayment structure would be tailored to meet the Authority’s cash-flow needs.
- The entire process can be completed in approximately 45-60 days.
- The Authority would have the benefit of knowing the terms and conditions before deciding whether or not to move forward.

Next Steps

- Obtain feedback from the Authority Board regarding the timing for issuing the debt (i.e., Fall 2021 or Spring 2022) and the preferred debt structure (i.e., with or without capitalized interest).
- Coordinate with the Working Group to develop a detailed financing schedule in order to identify key meeting dates and required actions by the Authority Board and Member Jurisdictions (if required).
- Implement preferred funding approach.

Appendix A | Details of Scenarios

Scenario 1 | Spring 2022 Financing No Capitalized Interest



Basis – Monthly (Cash Flow) Deposits to Trustee

Existing Debt Service				Proposed Debt Service				Aggregate Debt Service				
FY	Principal	Interest	Total	FY	Principal	Interest	Total	FY	Principal	Interest	Total	
1	Total	\$ 7,761,375	\$ 443,516	\$ 9,608,971	Total	\$ 6,587,000	\$ 1,347,079	\$ 7,934,079	Total	\$14,348,375	\$ 1,790,595	\$17,543,050
2	Est. Cumulative Monthly Deposits at Trustee			\$ 1,404,080								\$ 1,404,080
3	2021	1,775,958	163,541	1,939,500	2021	-	-	-	2021	1,775,958	163,541	1,939,500
4	2022	1,811,458	129,748	1,941,206	2022	-	98,805	98,805	2022	1,811,458	228,553	2,040,011
5	2023	1,851,417	90,491	1,941,908	2023	408,750	296,415	705,165	2023	2,260,167	386,906	2,647,073
6	2024	1,891,875	50,368	1,942,243	2024	999,333	278,021	1,277,355	2024	2,891,208	328,389	3,219,598
7	2025	430,667	9,368	440,035	2025	1,044,167	233,051	1,277,218	2025	1,474,833	242,419	1,717,253
8	2026	-	-	-	2026	1,091,000	186,064	1,277,064	2026	1,091,000	186,064	1,277,064
9	2027	-	-	-	2027	1,139,833	136,969	1,276,802	2027	1,139,833	136,969	1,276,802
10	2028	-	-	-	2028	1,191,083	85,676	1,276,760	2028	1,191,083	85,676	1,276,760
11	2029	-	-	-	2029	712,833	32,078	744,911	2029	712,833	32,078	744,911

Key Assumptions

12	Dated/Closing Date	3/1/2022
13	First (Out of Pocket) Interest Deposit	3/25/2022
14	First Principal Deposit	2/25/2023
15	Final Maturity	2/1/2029
16	Term (in Years)	6.92
17	Assumed Planning Interest Rate	4.50%

Uses of Funds

18	Project Fund	6,436,800
19	Capitalized Interest Fund	-
20	Cost of Issuance	150,000
21	Additional Proceeds	200
22	Total	\$ 6,587,000

Scenario 2 | Spring 2022 Financing With Capitalized Interest through 8/1/2022



Basis – Monthly (Cash Flow) Deposits to Trustee

Existing Debt Service				Proposed Debt Service				Aggregate Debt Service				
FY	Principal	Interest	Total	FY	Principal	Interest	Total	FY	Principal	Interest	Total	
1	Total	\$ 7,761,375	\$ 443,516	\$ 9,608,971	Total	\$ 6,713,000	\$ 1,247,243	\$ 7,960,243	Total	\$14,474,375	\$ 1,690,759	\$17,569,214
2	Est. Cumulative Monthly Deposits at Trustee			\$ 1,404,080								\$ 1,404,080
3	2021	1,775,958	163,541	1,939,500	2021	-	-	-	2021	1,775,958	163,541	1,939,500
4	2022	1,811,458	129,748	1,941,206	2022	-	-	-	2022	1,811,458	129,748	1,941,206
5	2023	1,851,417	90,491	1,941,908	2023	416,250	276,911	693,161	2023	2,267,667	367,402	2,635,069
6	2024	1,891,875	50,368	1,942,243	2024	1,017,750	283,354	1,301,104	2024	2,909,625	333,722	3,243,347
7	2025	430,667	9,368	440,035	2025	1,063,583	237,555	1,301,138	2025	1,494,250	246,923	1,741,173
8	2026	-	-	-	2026	1,111,833	189,694	1,301,527	2026	1,111,833	189,694	1,301,527
9	2027	-	-	-	2027	1,162,250	139,661	1,301,911	2027	1,162,250	139,661	1,301,911
10	2028	-	-	-	2028	1,214,500	87,360	1,301,860	2028	1,214,500	87,360	1,301,860
11	2029	-	-	-	2029	726,833	32,708	759,541	2029	726,833	32,708	759,541

Key Assumptions

12	Dated/Closing Date	3/1/2022
13	First (Out of Pocket) Interest Deposit	8/25/2022
14	First Principal Deposit	2/25/2023
15	Final Maturity	2/1/2029
16	Term (in Years)	6.92
17	Assumed Planning Interest Rate	4.50%

Uses of Funds

18	Project Fund	6,436,800
19	Capitalized Interest Fund	125,869
20	Cost of Issuance	150,000
21	Additional Proceeds	331
22	Total	\$ 6,713,000

Scenario 3 | Fall 2021 Financing, With Capitalized Interest through 8/1/2022



Basis – Monthly (Cash Flow) Deposits to Trustee

Existing Debt Service				Proposed Debt Service				Aggregate Debt Service				
FY	Principal	Interest	Total	FY	Principal	Interest	Total	FY	Principal	Interest	Total	
1	Total	\$ 7,761,375	\$ 443,516	\$ 9,608,971	Total	\$ 6,817,000	\$ 1,266,368	\$ 8,083,368	Total	\$14,578,375	\$ 1,709,884	\$17,692,339
2	Est. Cumulative Monthly Deposits at Trustee			\$ 1,404,080								\$ 1,404,080
3	2021	1,775,958	163,541	1,939,500	2021	-	-	-	2021	1,775,958	163,541	1,939,500
4	2022	1,811,458	129,748	1,941,206	2022	-	-	-	2022	1,811,458	129,748	1,941,206
5	2023	1,851,417	90,491	1,941,908	2023	422,917	281,201	704,118	2023	2,274,333	371,692	2,646,025
6	2024	1,891,875	50,368	1,942,243	2024	1,034,167	287,734	1,321,900	2024	2,926,042	338,102	3,264,143
7	2025	430,667	9,368	440,035	2025	1,080,583	241,196	1,321,780	2025	1,511,250	250,564	1,761,814
8	2026	-	-	-	2026	1,128,833	192,570	1,321,403	2026	1,128,833	192,570	1,321,403
9	2027	-	-	-	2027	1,179,667	141,773	1,321,439	2027	1,179,667	141,773	1,321,439
10	2028	-	-	-	2028	1,232,917	88,688	1,321,604	2028	1,232,917	88,688	1,321,604
11	2029	-	-	-	2029	737,917	33,206	771,123	2029	737,917	33,206	771,123

Key Assumptions

12	Dated/Closing Date	11/1/2021
13	First (Out of Pocket) Interest Deposit	8/25/2022
14	First Principal Deposit	2/25/2023
15	Final Maturity	2/1/2029
16	Term (in Years)	7.25
17	Assumed Planning Interest Rate	4.50%

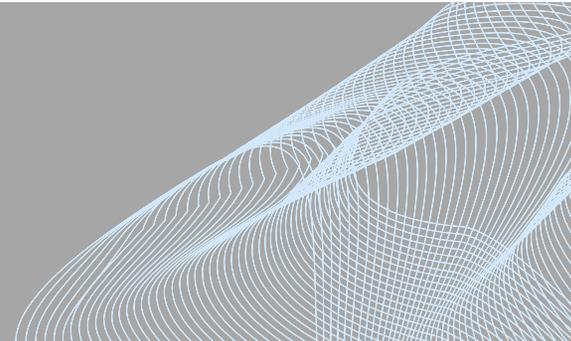
Uses of Funds

18	Project Fund	6,436,800
19	Capitalized Interest Fund	230,074
20	Cost of Issuance	150,000
21	Additional Proceeds	126
22	Total	\$ 6,817,000

Appendix B | Pro Formas Prepared by Burns & McDonnell

Pro Forma | Scenario 1

Spring 2022 Financing, No Capitalized Interest



Financial Pro Forma
Region 2000 Services Authority
Financial Pro Forma - Case 1: Spring 2022 Financing, No Capitalized Interest

	Actual FY 2009	Actual FY 2010	Actual FY 2011	Actual FY 2012	Actual FY 2013	Actual FY 2014	Actual FY 2015	Actual FY 2016	Actual FY 2017	Actual FY 2018	Actual FY 2019	Actual FY 2020
1 Disposal Rates												
2 Cost of Service Rate	\$22.62	\$22.15	\$25.50	\$27.95	\$25.98	\$28.02	\$28.75	\$29.57	\$30.68	\$30.20	\$28.89	\$30.35
3 Member Rate	\$25.00	\$25.03	\$25.03	\$27.04	\$28.03	\$28.18	\$28.75	\$28.76	\$28.77	\$30.26	\$30.27	\$30.35
4 Other Contracts	\$28.56	\$28.25	\$29.13	\$29.59	\$31.53	\$34.02	\$36.00	\$38.15	\$38.75	\$40.25	\$38.89	\$40.35
5 Market Rate (Private Haulers)	\$34.83	\$34.94	\$35.03	\$37.00	\$37.89	\$37.98	\$38.75	\$38.75	\$38.75	\$40.26	\$40.30	\$40.35
6 Inert	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
8 Operating Revenue												
9 Member Cities	\$2,137,667	\$2,245,735	\$2,283,851	\$2,265,005	\$2,176,730	\$2,128,711	\$2,191,706	\$2,130,813	\$2,115,109	\$2,175,953	\$2,213,395	\$2,243,699
10 Lynchburg Contracts & Other Waste	\$870,645	\$1,146,292	\$751,732	\$887,096	\$887,293	\$874,370	\$909,338	\$487,898	\$0	\$0	\$0	\$0
11 Market Rate and Other Contract Tonnage	\$3,614,392	\$3,692,249	\$3,452,718	\$3,972,934	\$5,162,917	\$3,902,163	\$4,061,766	\$4,430,738	\$4,582,148	\$4,833,731	\$4,974,168	\$4,633,406
12 Total Operating Revenue	\$6,622,704	\$7,084,276	\$6,488,301	\$7,125,035	\$8,226,940	\$6,905,244	\$7,162,810	\$7,049,449	\$6,697,257	\$7,009,684	\$7,187,563	\$6,877,105
14 Operating Expenditures												
15 Personnel	\$1,077,668	\$1,176,899	\$1,154,400	\$1,171,431	\$1,260,128	\$1,310,327	\$1,318,903	\$1,329,463	\$1,419,579	\$1,461,075	\$1,482,722	\$1,504,072
16 Landfill O&M	\$1,156,838	\$1,220,182	\$1,444,126	\$1,348,614	\$1,335,570	\$1,583,454	\$1,399,379	\$1,777,472	\$1,524,150	\$1,554,748	\$1,570,122	\$1,544,287
17 Equipment Replacement Reserve Contribution	\$406,524	\$434,982	\$457,941	\$457,941	\$307,941	\$300,000	\$400,000	\$408,000	\$366,160	\$450,000	\$438,049	\$426,385
18 Equipment Lease Payments	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
19 Authority Closure and Post-Closure Contributions	\$465,732	\$406,661	\$518,702	\$900,000	\$985,000	\$781,111	\$790,252	\$704,905	\$649,511	\$600,237	\$389,567	\$390,000
20 O&M Reserve Contribution	\$0	\$0	\$0	\$188,850	\$200,000	\$141,716	\$0	\$0	\$0	\$0	\$73,324	\$75,000
21 Environmental Remediation Reserve	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$0	\$0	\$0
22 Future Disposal Planning Reserve	\$50,000	\$50,000	\$50,000	\$0	\$0	\$0	\$0	\$0	\$50,000	\$40,000	\$36,278	\$25,000
23 Other					\$67,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
24 Subtotal Operating Expenses	\$3,206,762	\$3,338,724	\$3,675,169	\$4,116,836	\$4,205,639	\$4,166,608	\$3,958,534	\$4,269,840	\$4,059,400	\$4,106,060	\$3,990,062	\$3,964,744
25 Interest and Other Income	(\$132,462)	(\$37,931)	(\$31,503)	(\$17,895)	(\$42,102)	(\$20,609)	(\$11,733)	(\$12,538)	(\$23,557)	(\$21,250)	(\$34,069)	(\$36,908)
26 Closure Liability Accrual from Lynchburg				(\$429,600)								
27 Revenue Offset from Reserves												
28 Reimbursable Expenses	(\$271,835)	(\$282,384)	(\$346,673)	(\$177,969)	(\$243,041)	(\$364,640)	(\$245,186)	(\$375,383)	(\$224,373)	(\$248,783)	(\$232,186)	(\$137,650)
29 Total Operating Expenditures	\$2,802,465	\$3,018,409	\$3,296,994	\$3,491,372	\$3,920,496	\$3,781,359	\$3,701,615	\$3,881,919	\$3,811,470	\$3,836,027	\$3,723,807	\$3,790,186
31 Revenues Available for Debt Service	\$3,820,239	\$4,065,867	\$3,191,307	\$3,633,663	\$4,306,444	\$3,123,885	\$3,461,195	\$3,167,530	\$2,885,787	\$3,173,657	\$3,463,756	\$3,086,919
33 Debt Service (DS)												
34 Series 2008 Debt (payment to escrow account)	\$1,768,309	\$2,209,522	\$2,202,162	\$2,200,609	\$1,738,376	\$0	\$0	\$0	\$0	\$0	\$0	\$0
35 Series 2011 Debt (payment to escrow account)	\$0	\$0	\$0	\$487,625	\$628,583	\$1,979,303	\$2,101,854	\$955,852	\$852,128	\$851,373	\$850,352	\$853,281
36 Property Acquisition (Internal Loan)	\$0	\$0	\$0	\$0	\$0	\$0	\$223,172	\$304,462	\$109,409	\$0	\$0	\$0
37 Phase IV Landfill (payment to escrow account)	\$0	\$0	\$0	\$0	\$0	\$0	\$16,677	\$807,517	\$1,111,197	\$1,109,942	\$1,105,378	\$1,103,497
38 Phase V Landfill	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
39 Total Debt Service	\$1,768,309	\$2,209,522	\$2,202,162	\$2,688,233	\$2,366,960	\$1,979,303	\$2,341,703	\$2,067,831	\$2,072,734	\$1,961,315	\$1,955,730	\$1,956,778
41 Total Expenses												
42 Subtotal Operating Expenses and Debt Service	\$4,570,774	\$5,227,931	\$5,499,156	\$6,179,605	\$6,287,456	\$5,760,662	\$6,043,318	\$5,949,750	\$5,884,204	\$5,797,342	\$5,679,537	\$5,746,964
43 Offset from Prior Year Net Revenue or Reserves	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
44 Total Operating Expenses and Debt Service	\$4,570,774	\$5,227,931	\$5,499,156	\$6,179,605	\$6,287,456	\$5,760,662	\$6,043,318	\$5,949,750	\$5,884,204	\$5,797,342	\$5,679,537	\$5,746,964
46 Distribution of Airspace Reserve												
47 City of Lynchburg	\$547,331	\$604,284	\$302,678	\$289,298	\$363,317	\$354,051	\$398,350	\$354,847	\$291,861	\$369,507	\$430,738	\$430,091
48 Campbell County	\$900,635	\$994,352	\$686,467	\$656,120	\$823,993	\$802,978	\$903,447	\$804,784	\$661,932	\$838,033	\$976,902	\$707,716
49 Total	\$1,447,966	\$1,598,636	\$989,145	\$945,418	\$1,187,310	\$1,157,029	\$1,301,797	\$1,159,631	\$953,793	\$1,207,540	\$1,407,640	\$1,137,807
51 Net Operating Revenues	\$603,964	\$257,709	\$0	\$12	\$752,174	(\$12,447)	(\$182,305)	(\$59,932)	(\$140,740)	\$4,802	\$100,386	(\$7,666)
52 Additional Reserve Contributions (Withdrawals)	\$0	\$0	\$0	\$0	(\$752,174)	\$0	\$182,305	\$0	(\$4,802)	\$0	\$0	\$0
53 Net Operating Revenues after Reserve Contr.	\$603,964	\$257,709	\$0	\$12	\$0	(\$12,447)	\$0	(\$59,932)	(\$140,740)	\$0	\$100,386	(\$7,666)

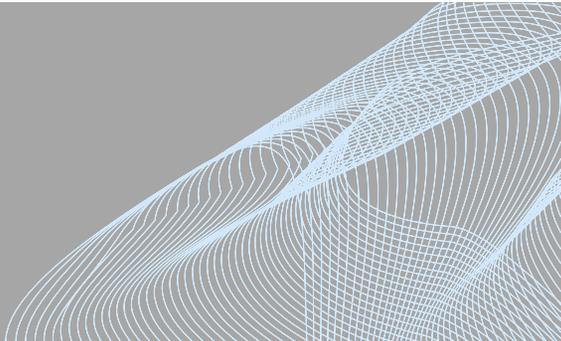
Financial Pro Forma
 Region 2000 Services Authority

1-Sep

Financial Pro Forma - Case 1: Spring 2022 Financing, No Capit.

	Projected FY 2021	Projected FY 2022	Projected FY 2023	Projected FY 2024	Projected FY 2025	Projected FY 2026	Projected FY 2027	Projected FY 2028	Projected FY 2029
1 Disposal Rates									
2 Cost of Service Rate	\$30.25	\$30.25	\$33.58	\$37.18	\$37.54	\$37.95	\$38.33	\$38.81	\$38.87
3 Member Rate	\$30.25	\$30.25	\$33.58	\$37.18	\$37.54	\$37.95	\$38.33	\$38.81	\$38.87
4 Other Contracts	\$40.25	\$40.25	\$43.58	\$47.18	\$47.54	\$47.95	\$48.33	\$48.81	\$48.87
5 Market Rate (Private Haulers)	\$40.25	\$40.25	\$43.58	\$47.18	\$47.54	\$47.95	\$48.33	\$48.81	\$48.87
6 Inert	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$1.00
8 Operating Revenue									
9 Member Cities	\$2,385,554	\$2,145,028	\$2,381,481	\$2,636,192	\$2,661,937	\$2,690,770	\$2,718,207	\$2,751,716	\$1,528,305
10 Lynchburg Contracts & Other Waste	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
11 Market Rate and Other Contract Tonnage	\$4,961,779	\$4,909,537	\$5,316,270	\$5,754,412	\$5,798,697	\$5,848,295	\$5,895,490	\$5,953,131	\$3,305,288
12 Total Operating Revenue	<u>\$7,347,333</u>	<u>\$7,054,565</u>	<u>\$7,697,751</u>	<u>\$8,390,605</u>	<u>\$8,460,633</u>	<u>\$8,539,065</u>	<u>\$8,613,697</u>	<u>\$8,704,847</u>	<u>\$4,833,593</u>
14 Operating Expenditures									
15 Personnel	\$1,516,460	\$1,618,534	\$1,650,905	\$1,683,923	\$1,717,601	\$1,751,953	\$1,786,992	\$1,822,732	\$1,030,941
16 Landfill O&M	\$1,622,050	\$1,547,244	\$1,578,189	\$1,609,753	\$1,641,948	\$1,674,787	\$1,708,282	\$1,742,448	\$985,533
17 Equipment Replacement Reserve Contribution	\$500,000	\$466,554	\$640,000	\$600,000	\$400,000	\$250,000	\$100,000	\$50,000	\$0
18 Equipment Lease Payments	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
19 Authority Closure and Post-Closure Contributions	\$353,546	\$351,195	\$150,000	\$300,000	\$2,010,000	\$2,615,000	\$2,775,000	\$2,850,000	\$1,915,000
20 O&M Reserve Contribution	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
21 Environmental Remediation Reserve	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
22 Future Disposal Planning Reserve	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
23 Other	\$19,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
24 Subtotal Operating Expenses	<u>\$4,011,056</u>	<u>\$3,983,527</u>	<u>\$4,019,094</u>	<u>\$4,193,675</u>	<u>\$5,769,549</u>	<u>\$6,291,740</u>	<u>\$6,370,276</u>	<u>\$6,465,182</u>	<u>\$3,931,476</u>
25 Interest and Other Income	(\$46,370)	(\$21,000)	(\$21,000)	(\$21,000)	(\$21,000)	(\$21,000)	(\$21,000)	(\$21,000)	(\$20,999)
26 Closure Liability Accrual from Lynchburg									
27 Revenue Offset from Reserves									
28 Reimbursable Expenses	(\$149,907)	(\$168,215)	(\$171,579)	(\$175,011)	(\$178,511)	(\$182,081)	(\$185,723)	(\$189,437)	(\$193,226)
29 Total Operating Expenditures	<u>\$3,814,779</u>	<u>\$3,794,312</u>	<u>\$3,826,514</u>	<u>\$3,997,665</u>	<u>\$5,570,038</u>	<u>\$6,088,659</u>	<u>\$6,163,553</u>	<u>\$6,254,745</u>	<u>\$3,717,251</u>
31 Revenues Available for Debt Service	<u>\$3,532,554</u>	<u>\$3,260,253</u>	<u>\$3,871,237</u>	<u>\$4,392,940</u>	<u>\$2,890,595</u>	<u>\$2,450,406</u>	<u>\$2,450,145</u>	<u>\$2,450,102</u>	<u>\$1,116,342</u>
33 Debt Service (DS)									
34 Series 2008 Debt (payment to escrow account)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
35 Series 2011 Debt (payment to escrow account)	\$834,121	\$829,225	\$829,016	\$829,423	\$69,122	\$0	\$0	\$0	\$0
36 Property Acquisition (Internal Loan)	\$0	\$0	\$258,523	\$258,523	\$258,523	\$258,523	\$258,523	\$258,523	\$0
37 Phase IV Landfill (payment to escrow account)	\$1,112,212	\$1,112,462	\$1,112,891	\$1,112,820	\$370,913	\$0	\$0	\$0	\$0
38 Phase V Landfill	\$0	\$98,805	\$705,165	\$1,277,355	\$1,277,218	\$1,277,064	\$1,276,802	\$1,276,760	\$744,911
39 Total Debt Service	<u>\$1,946,333</u>	<u>\$2,040,492</u>	<u>\$2,905,595</u>	<u>\$3,478,120</u>	<u>\$1,975,775</u>	<u>\$1,535,586</u>	<u>\$1,535,325</u>	<u>\$1,535,282</u>	<u>\$744,911</u>
41 Total Expenses									
42 Subtotal Operating Expenses and Debt Service	\$5,761,112	\$5,834,804	\$6,732,109	\$7,475,785	\$7,545,813	\$7,624,245	\$7,698,877	\$7,790,027	\$4,462,162
43 Offset from Prior Year Net Revenue or Reserves	\$0	\$0	(\$254,118)	(\$304,940)	(\$304,940)	(\$304,940)	(\$304,940)	(\$304,940)	(\$304,940)
44 Total Operating Expenses and Debt Service	<u>\$5,761,112</u>	<u>\$5,834,804</u>	<u>\$6,477,991</u>	<u>\$7,170,845</u>	<u>\$7,240,873</u>	<u>\$7,319,305</u>	<u>\$7,393,937</u>	<u>\$7,485,087</u>	<u>\$4,157,222</u>
46 Distribution of Airspace Reserve									
47 City of Lynchburg	\$430,671	\$62,208	\$0	\$0	\$0	\$0	\$0	\$0	\$0
48 Campbell County	\$976,751	\$903,436	\$914,820	\$914,820	\$914,820	\$914,820	\$914,820	\$914,820	\$507,279
49 Total	<u>\$1,407,422</u>	<u>\$965,643</u>	<u>\$914,820</u>	<u>\$914,820</u>	<u>\$914,820</u>	<u>\$914,820</u>	<u>\$914,820</u>	<u>\$914,820</u>	<u>\$507,280</u>
51 Net Operating Revenues	<u>\$178,799</u>	<u>\$254,118</u>	<u>\$304,940</u>	<u>\$304,940</u>	<u>\$304,940</u>	<u>\$304,940</u>	<u>\$304,940</u>	<u>\$304,940</u>	<u>\$169,092</u>
52 Additional Reserve Contributions (Withdrawals)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
53 Net Operating Revenues after Reserve Contr.	<u>\$178,799</u>	<u>\$254,118</u>	<u>\$304,940</u>	<u>\$304,940</u>	<u>\$304,940</u>	<u>\$304,940</u>	<u>\$304,940</u>	<u>\$304,940</u>	<u>\$169,092</u>

Pro Forma | Scenario 2
Scenario 2: Spring 2022 Financing,
with Capitalized Interest through 8/1/2022



Financial Pro Forma
 Region 2000 Services Authority
 Financial Pro Forma - Case 2: Spring 2022 Financing, with Capitalized Interest through 8/1/2022

	Actual FY 2009	Actual FY 2010	Actual FY 2011	Actual FY 2012	Actual FY 2013	Actual FY 2014	Actual FY 2015	Actual FY 2016	Actual FY 2017	Actual FY 2018	Actual FY 2019	Actual FY 2020
1 Disposal Rates												
2 Cost of Service Rate	\$22.62	\$22.15	\$25.50	\$27.95	\$25.98	\$28.02	\$28.75	\$29.57	\$30.68	\$30.20	\$28.89	\$30.35
3 Member Rate	\$25.00	\$25.03	\$25.03	\$27.04	\$28.03	\$28.18	\$28.75	\$28.76	\$28.77	\$30.26	\$30.27	\$30.35
4 Other Contracts	\$28.56	\$28.25	\$29.13	\$29.59	\$31.53	\$34.02	\$36.00	\$38.15	\$38.75	\$40.25	\$38.89	\$40.35
5 Market Rate (Private Haulers)	\$34.83	\$34.94	\$35.03	\$37.00	\$37.89	\$37.98	\$38.75	\$38.75	\$38.75	\$40.26	\$40.30	\$40.35
6 Inert	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
8 Operating Revenue												
9 Member Cities	\$2,137,667	\$2,245,735	\$2,283,851	\$2,265,005	\$2,176,730	\$2,128,711	\$2,191,706	\$2,130,813	\$2,115,109	\$2,175,953	\$2,213,395	\$2,243,699
10 Lynchburg Contracts & Other Waste	\$870,645	\$1,146,292	\$751,732	\$887,096	\$887,293	\$874,370	\$909,338	\$487,898	\$0	\$0	\$0	\$0
11 Market Rate and Other Contract Tonnage	\$3,614,392	\$3,692,249	\$3,452,718	\$3,972,934	\$5,162,917	\$3,902,163	\$4,061,766	\$4,430,738	\$4,582,148	\$4,833,731	\$4,974,168	\$4,633,406
12 Total Operating Revenue	\$6,622,704	\$7,084,276	\$6,488,301	\$7,125,035	\$8,226,940	\$6,905,244	\$7,162,810	\$7,049,449	\$6,697,257	\$7,009,684	\$7,187,563	\$6,877,105
14 Operating Expenditures												
15 Personnel	\$1,077,668	\$1,176,899	\$1,154,400	\$1,171,431	\$1,260,128	\$1,310,327	\$1,318,903	\$1,329,463	\$1,419,579	\$1,461,075	\$1,482,722	\$1,504,072
16 Landfill O&M	\$1,156,838	\$1,220,182	\$1,444,126	\$1,348,614	\$1,335,570	\$1,583,454	\$1,399,379	\$1,777,472	\$1,524,150	\$1,554,748	\$1,570,122	\$1,544,287
17 Equipment Replacement Reserve Contribution	\$406,524	\$434,982	\$457,941	\$457,941	\$307,941	\$300,000	\$400,000	\$408,000	\$366,160	\$450,000	\$438,049	\$426,385
18 Equipment Lease Payments	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
19 Authority Closure and Post-Closure Contributions	\$465,732	\$406,661	\$518,702	\$900,000	\$985,000	\$781,111	\$790,252	\$704,905	\$649,511	\$600,237	\$389,567	\$390,000
20 O&M Reserve Contribution	\$0	\$0	\$0	\$188,850	\$200,000	\$141,716	\$0	\$0	\$0	\$0	\$73,324	\$75,000
21 Environmental Remediation Reserve	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$0	\$0	\$0
22 Future Disposal Planning Reserve	\$50,000	\$50,000	\$50,000	\$0	\$0	\$0	\$0	\$0	\$50,000	\$40,000	\$36,278	\$25,000
23 Other					\$67,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
24 Subtotal Operating Expenses	\$3,206,762	\$3,338,724	\$3,675,169	\$4,116,836	\$4,205,639	\$4,166,608	\$3,958,534	\$4,269,840	\$4,059,400	\$4,106,060	\$3,990,062	\$3,964,744
25 Interest and Other Income	(\$132,462)	(\$37,931)	(\$31,503)	(\$17,895)	(\$42,102)	(\$20,609)	(\$11,733)	(\$12,538)	(\$23,557)	(\$21,250)	(\$34,069)	(\$36,908)
26 Closure Liability Accrual from Lynchburg				(\$429,600)								
27 Revenue Offset from Reserves												
28 Reimbursable Expenses	(\$271,835)	(\$282,384)	(\$346,673)	(\$177,969)	(\$243,041)	(\$364,640)	(\$245,186)	(\$375,383)	(\$224,373)	(\$248,783)	(\$232,186)	(\$137,650)
29 Total Operating Expenditures	\$2,802,465	\$3,018,409	\$3,296,994	\$3,491,372	\$3,920,496	\$3,781,359	\$3,701,615	\$3,881,919	\$3,811,470	\$3,836,027	\$3,723,807	\$3,790,186
31 Revenues Available for Debt Service	\$3,820,239	\$4,065,867	\$3,191,307	\$3,633,663	\$4,306,444	\$3,123,885	\$3,461,195	\$3,167,530	\$2,885,787	\$3,173,657	\$3,463,756	\$3,086,919
33 Debt Service (DS)												
34 Series 2008 Debt (payment to escrow account)	\$1,768,309	\$2,209,522	\$2,202,162	\$2,200,609	\$1,738,376	\$0	\$0	\$0	\$0	\$0	\$0	\$0
35 Series 2011 Debt (payment to escrow account)	\$0	\$0	\$0	\$487,625	\$628,583	\$1,979,303	\$2,101,854	\$955,852	\$852,128	\$851,373	\$850,352	\$853,281
36 Property Acquisition (Internal Loan)	\$0	\$0	\$0	\$0	\$0	\$0	\$223,172	\$304,462	\$109,409	\$0	\$0	\$0
37 Phase IV Landfill (payment to escrow account)	\$0	\$0	\$0	\$0	\$0	\$0	\$16,677	\$807,517	\$1,111,197	\$1,109,942	\$1,105,378	\$1,103,497
38 Phase V Landfill	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
39 Total Debt Service	\$1,768,309	\$2,209,522	\$2,202,162	\$2,688,233	\$2,366,960	\$1,979,303	\$2,341,703	\$2,067,831	\$2,072,734	\$1,961,315	\$1,955,730	\$1,956,778
41 Total Expenses												
42 Subtotal Operating Expenses and Debt Service	\$4,570,774	\$5,227,931	\$5,499,156	\$6,179,605	\$6,287,456	\$5,760,662	\$6,043,318	\$5,949,750	\$5,884,204	\$5,797,342	\$5,679,537	\$5,746,964
43 Offset from Prior Year Net Revenue or Reserves	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
44 Total Operating Expenses and Debt Service	\$4,570,774	\$5,227,931	\$5,499,156	\$6,179,605	\$6,287,456	\$5,760,662	\$6,043,318	\$5,949,750	\$5,884,204	\$5,797,342	\$5,679,537	\$5,746,964
46 Distribution of Airspace Reserve												
47 City of Lynchburg	\$547,331	\$604,284	\$302,678	\$289,298	\$363,317	\$354,051	\$398,350	\$354,847	\$291,861	\$369,507	\$430,738	\$430,091
48 Campbell County	\$900,635	\$994,352	\$686,467	\$656,120	\$823,993	\$802,978	\$903,447	\$804,784	\$661,932	\$838,033	\$976,902	\$707,716
49 Total	\$1,447,966	\$1,598,636	\$989,145	\$945,418	\$1,187,310	\$1,157,029	\$1,301,797	\$1,159,631	\$953,793	\$1,207,540	\$1,407,640	\$1,137,807
51 Net Operating Revenues	\$603,964	\$257,709	\$0	\$12	\$752,174	(\$12,447)	(\$182,305)	(\$59,932)	(\$140,740)	\$4,802	\$100,386	(\$7,666)
52 Additional Reserve Contributions (Withdrawals)	\$0	\$0	\$0	\$0	(\$752,174)	\$0	\$182,305	\$0	(\$4,802)	\$0	\$0	\$0
53 Net Operating Revenues after Reserve Contr.	\$603,964	\$257,709	\$0	\$12	\$0	(\$12,447)	\$0	(\$59,932)	(\$140,740)	\$0	\$100,386	(\$7,666)

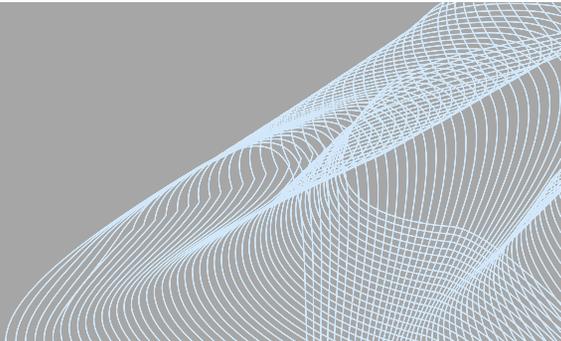
Financial Pro Forma
Region 2000 Services Authority
Financial Pro Forma - Case 2: Spring 2022 Financing, with Cap

1-Sep

	Projected FY 2021	Projected FY 2022	Projected FY 2023	Projected FY 2024	Projected FY 2025	Projected FY 2026	Projected FY 2027	Projected FY 2028	Projected FY 2029
1 Disposal Rates									
2 Cost of Service Rate	\$30.25	\$30.25	\$33.47	\$37.25	\$37.61	\$38.00	\$38.39	\$38.81	\$38.86
3 Member Rate	\$30.25	\$30.25	\$33.47	\$37.25	\$37.61	\$38.00	\$38.39	\$38.81	\$38.86
4 Other Contracts	\$40.25	\$40.25	\$43.47	\$47.25	\$47.61	\$48.00	\$48.39	\$48.81	\$48.86
5 Market Rate (Private Haulers)	\$40.25	\$40.25	\$43.47	\$47.25	\$47.61	\$48.00	\$48.39	\$48.81	\$48.86
6 Inert	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$1.00
8 Operating Revenue									
9 Member Cities	\$2,385,554	\$2,145,028	\$2,373,392	\$2,641,247	\$2,667,054	\$2,694,249	\$2,721,924	\$2,751,753	\$1,528,169
10 Lynchburg Contracts & Other Waste	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
11 Market Rate and Other Contract Tonnage	\$4,961,779	\$4,909,537	\$5,302,356	\$5,763,107	\$5,807,499	\$5,854,279	\$5,901,883	\$5,953,194	\$3,305,054
12 Total Operating Revenue	<u>\$7,347,333</u>	<u>\$7,054,565</u>	<u>\$7,675,748</u>	<u>\$8,404,354</u>	<u>\$8,474,554</u>	<u>\$8,548,528</u>	<u>\$8,623,807</u>	<u>\$8,704,947</u>	<u>\$4,833,223</u>
14 Operating Expenditures									
15 Personnel	\$1,516,460	\$1,618,534	\$1,650,905	\$1,683,923	\$1,717,601	\$1,751,953	\$1,786,992	\$1,822,732	\$1,030,941
16 Landfill O&M	\$1,622,050	\$1,547,244	\$1,578,189	\$1,609,753	\$1,641,948	\$1,674,787	\$1,708,282	\$1,742,448	\$985,533
17 Equipment Replacement Reserve Contribution	\$500,000	\$466,554	\$640,000	\$600,000	\$400,000	\$250,000	\$100,000	\$50,000	\$0
18 Equipment Lease Payments	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
19 Authority Closure and Post-Closure Contributions	\$353,546	\$450,000	\$140,000	\$290,000	\$2,000,000	\$2,600,000	\$2,760,000	\$2,825,000	\$1,900,000
20 O&M Reserve Contribution	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
21 Environmental Remediation Reserve	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
22 Future Disposal Planning Reserve	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
23 Other	\$19,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
24 Subtotal Operating Expenses	<u>\$4,011,056</u>	<u>\$4,082,332</u>	<u>\$4,009,094</u>	<u>\$4,183,675</u>	<u>\$5,759,549</u>	<u>\$6,276,740</u>	<u>\$6,355,276</u>	<u>\$6,440,182</u>	<u>\$3,916,476</u>
25 Interest and Other Income	(\$46,370)	(\$21,000)	(\$21,000)	(\$21,000)	(\$21,000)	(\$21,000)	(\$21,000)	(\$21,000)	(\$20,999)
26 Closure Liability Accrual from Lynchburg									
27 Revenue Offset from Reserves									
28 Reimbursable Expenses	(\$149,907)	(\$168,215)	(\$171,579)	(\$175,011)	(\$178,511)	(\$182,081)	(\$185,723)	(\$189,437)	(\$193,226)
29 Total Operating Expenditures	<u>\$3,814,779</u>	<u>\$3,893,117</u>	<u>\$3,816,514</u>	<u>\$3,987,665</u>	<u>\$5,560,038</u>	<u>\$6,073,659</u>	<u>\$6,148,553</u>	<u>\$6,229,745</u>	<u>\$3,702,251</u>
31 Revenues Available for Debt Service	<u>\$3,532,554</u>	<u>\$3,161,448</u>	<u>\$3,859,233</u>	<u>\$4,416,689</u>	<u>\$2,914,516</u>	<u>\$2,474,870</u>	<u>\$2,475,254</u>	<u>\$2,475,203</u>	<u>\$1,130,972</u>
33 Debt Service (DS)									
34 Series 2008 Debt (payment to escrow account)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
35 Series 2011 Debt (payment to escrow account)	\$834,121	\$829,225	\$829,016	\$829,423	\$69,122	\$0	\$0	\$0	\$0
36 Property Acquisition (Internal Loan)	\$0	\$0	\$258,523	\$258,523	\$258,523	\$258,523	\$258,523	\$258,523	\$0
37 Phase IV Landfill (payment to escrow account)	\$1,112,212	\$1,112,462	\$1,112,891	\$1,112,820	\$370,913	\$0	\$0	\$0	\$0
38 Phase V Landfill	\$0	\$0	\$693,161	\$1,301,104	\$1,301,138	\$1,301,527	\$1,301,911	\$1,301,860	\$759,541
39 Total Debt Service	<u>\$1,946,333</u>	<u>\$1,941,687</u>	<u>\$2,893,591</u>	<u>\$3,501,869</u>	<u>\$1,999,696</u>	<u>\$1,560,050</u>	<u>\$1,560,434</u>	<u>\$1,560,383</u>	<u>\$759,541</u>
41 Total Expenses									
42 Subtotal Operating Expenses and Debt Service	\$5,761,112	\$5,834,804	\$6,710,106	\$7,489,534	\$7,559,734	\$7,633,708	\$7,708,987	\$7,790,127	\$4,461,792
43 Offset from Prior Year Net Revenue or Reserves	\$0	\$0	(\$254,118)	(\$304,940)	(\$304,940)	(\$304,940)	(\$304,940)	(\$304,940)	(\$304,940)
44 Total Operating Expenses and Debt Service	<u>\$5,761,112</u>	<u>\$5,834,804</u>	<u>\$6,455,988</u>	<u>\$7,184,594</u>	<u>\$7,254,794</u>	<u>\$7,328,768</u>	<u>\$7,404,047</u>	<u>\$7,485,187</u>	<u>\$4,156,852</u>
46 Distribution of Airspace Reserve									
47 City of Lynchburg	\$430,671	\$62,208	\$0	\$0	\$0	\$0	\$0	\$0	\$0
48 Campbell County	\$976,751	\$903,436	\$914,820	\$914,820	\$914,820	\$914,820	\$914,820	\$914,820	\$507,279
49 Total	<u>\$1,407,422</u>	<u>\$965,643</u>	<u>\$914,820</u>	<u>\$914,820</u>	<u>\$914,820</u>	<u>\$914,820</u>	<u>\$914,820</u>	<u>\$914,820</u>	<u>\$507,280</u>
51 Net Operating Revenues	<u>\$178,799</u>	<u>\$254,118</u>	<u>\$304,940</u>	<u>\$304,940</u>	<u>\$304,940</u>	<u>\$304,940</u>	<u>\$304,940</u>	<u>\$304,940</u>	<u>\$169,092</u>
52 Additional Reserve Contributions (Withdrawals)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
53 Net Operating Revenues after Reserve Contr.	<u>\$178,799</u>	<u>\$254,118</u>	<u>\$304,940</u>	<u>\$304,940</u>	<u>\$304,940</u>	<u>\$304,940</u>	<u>\$304,940</u>	<u>\$304,940</u>	<u>\$169,092</u>

Pro Forma | Scenario 3

Scenario 3: Fall 2021 Financing, with Capitalized Interest through 8/1/2022



Financial Pro Forma
Region 2000 Services Authority
Financial Pro Forma - Case 3: Fall 2021 Financing, with Capitalized Interest through 8/1/2022

	Actual FY 2009	Actual FY 2010	Actual FY 2011	Actual FY 2012	Actual FY 2013	Actual FY 2014	Actual FY 2015	Actual FY 2016	Actual FY 2017	Actual FY 2018	Actual FY 2019	Actual FY 2020
1 Disposal Rates												
2 Cost of Service Rate	\$22.62	\$22.15	\$25.50	\$27.95	\$25.98	\$28.02	\$28.75	\$29.57	\$30.68	\$30.20	\$28.89	\$30.35
3 Member Rate	\$25.00	\$25.03	\$25.03	\$27.04	\$28.03	\$28.18	\$28.75	\$28.76	\$28.77	\$30.26	\$30.27	\$30.35
4 Other Contracts	\$28.56	\$28.25	\$29.13	\$29.59	\$31.53	\$34.02	\$36.00	\$38.15	\$38.75	\$40.25	\$38.89	\$40.35
5 Market Rate (Private Haulers)	\$34.83	\$34.94	\$35.03	\$37.00	\$37.89	\$37.98	\$38.75	\$38.75	\$38.75	\$40.26	\$40.30	\$40.35
6 Inert	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
8 Operating Revenue												
9 Member Cities	\$2,137,667	\$2,245,735	\$2,283,851	\$2,265,005	\$2,176,730	\$2,128,711	\$2,191,706	\$2,130,813	\$2,115,109	\$2,175,953	\$2,213,395	\$2,243,699
10 Lynchburg Contracts & Other Waste	\$870,645	\$1,146,292	\$751,732	\$887,096	\$887,293	\$874,370	\$909,338	\$487,898	\$0	\$0	\$0	\$0
11 Market Rate and Other Contract Tonnage	\$3,614,392	\$3,692,249	\$3,452,718	\$3,972,934	\$5,162,917	\$3,902,163	\$4,061,766	\$4,430,738	\$4,582,148	\$4,833,731	\$4,974,168	\$4,633,406
12 Total Operating Revenue	\$6,622,704	\$7,084,276	\$6,488,301	\$7,125,035	\$8,226,940	\$6,905,244	\$7,162,810	\$7,049,449	\$6,697,257	\$7,009,684	\$7,187,563	\$6,877,105
14 Operating Expenditures												
15 Personnel	\$1,077,668	\$1,176,899	\$1,154,400	\$1,171,431	\$1,260,128	\$1,310,327	\$1,318,903	\$1,329,463	\$1,419,579	\$1,461,075	\$1,482,722	\$1,504,072
16 Landfill O&M	\$1,156,838	\$1,220,182	\$1,444,126	\$1,348,614	\$1,335,570	\$1,583,454	\$1,399,379	\$1,777,472	\$1,524,150	\$1,554,748	\$1,570,122	\$1,544,287
17 Equipment Replacement Reserve Contribution	\$406,524	\$434,982	\$457,941	\$457,941	\$307,941	\$300,000	\$400,000	\$408,000	\$366,160	\$450,000	\$438,049	\$426,385
18 Equipment Lease Payments	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
19 Authority Closure and Post-Closure Contributions	\$465,732	\$406,661	\$518,702	\$900,000	\$985,000	\$781,111	\$790,252	\$704,905	\$649,511	\$600,237	\$389,567	\$390,000
20 O&M Reserve Contribution	\$0	\$0	\$0	\$188,850	\$200,000	\$141,716	\$0	\$0	\$0	\$0	\$73,324	\$75,000
21 Environmental Remediation Reserve	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$0	\$0	\$0
22 Future Disposal Planning Reserve	\$50,000	\$50,000	\$50,000	\$0	\$0	\$0	\$0	\$0	\$50,000	\$40,000	\$36,278	\$25,000
23 Other					\$67,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
24 Subtotal Operating Expenses	\$3,206,762	\$3,338,724	\$3,675,169	\$4,116,836	\$4,205,639	\$4,166,608	\$3,958,534	\$4,269,840	\$4,059,400	\$4,106,060	\$3,990,062	\$3,964,744
25 Interest and Other Income	(\$132,462)	(\$37,931)	(\$31,503)	(\$17,895)	(\$42,102)	(\$20,609)	(\$11,733)	(\$12,538)	(\$23,557)	(\$21,250)	(\$34,069)	(\$36,908)
26 Closure Liability Accrual from Lynchburg				(\$429,600)								
27 Revenue Offset from Reserves												
28 Reimbursable Expenses	(\$271,835)	(\$282,384)	(\$346,673)	(\$177,969)	(\$243,041)	(\$364,640)	(\$245,186)	(\$375,383)	(\$224,373)	(\$248,783)	(\$232,186)	(\$137,650)
29 Total Operating Expenditures	\$2,802,465	\$3,018,409	\$3,296,994	\$3,491,372	\$3,920,496	\$3,781,359	\$3,701,615	\$3,881,919	\$3,811,470	\$3,836,027	\$3,723,807	\$3,790,186
31 Revenues Available for Debt Service	\$3,820,239	\$4,065,867	\$3,191,307	\$3,633,663	\$4,306,444	\$3,123,885	\$3,461,195	\$3,167,530	\$2,885,787	\$3,173,657	\$3,463,756	\$3,086,919
33 Debt Service (DS)												
34 Series 2008 Debt (payment to escrow account)	\$1,768,309	\$2,209,522	\$2,202,162	\$2,200,609	\$1,738,376	\$0	\$0	\$0	\$0	\$0	\$0	\$0
35 Series 2011 Debt (payment to escrow account)	\$0	\$0	\$0	\$487,625	\$628,583	\$1,979,303	\$2,101,854	\$955,852	\$852,128	\$851,373	\$850,352	\$853,281
36 Property Acquisition (Internal Loan)	\$0	\$0	\$0	\$0	\$0	\$0	\$223,172	\$304,462	\$109,409	\$0	\$0	\$0
37 Phase IV Landfill (payment to escrow account)	\$0	\$0	\$0	\$0	\$0	\$0	\$16,677	\$807,517	\$1,111,197	\$1,109,942	\$1,105,378	\$1,103,497
38 Phase V Landfill	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
39 Total Debt Service	\$1,768,309	\$2,209,522	\$2,202,162	\$2,688,233	\$2,366,960	\$1,979,303	\$2,341,703	\$2,067,831	\$2,072,734	\$1,961,315	\$1,955,730	\$1,956,778
41 Total Expenses												
42 Subtotal Operating Expenses and Debt Service	\$4,570,774	\$5,227,931	\$5,499,156	\$6,179,605	\$6,287,456	\$5,760,662	\$6,043,318	\$5,949,750	\$5,884,204	\$5,797,342	\$5,679,537	\$5,746,964
43 Offset from Prior Year Net Revenue or Reserves	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
44 Total Operating Expenses and Debt Service	\$4,570,774	\$5,227,931	\$5,499,156	\$6,179,605	\$6,287,456	\$5,760,662	\$6,043,318	\$5,949,750	\$5,884,204	\$5,797,342	\$5,679,537	\$5,746,964
46 Distribution of Airspace Reserve												
47 City of Lynchburg	\$547,331	\$604,284	\$302,678	\$289,298	\$363,317	\$354,051	\$398,350	\$354,847	\$291,861	\$369,507	\$430,738	\$430,091
48 Campbell County	\$900,635	\$994,352	\$686,467	\$656,120	\$823,993	\$802,978	\$903,447	\$804,784	\$661,932	\$838,033	\$976,902	\$707,716
49 Total	\$1,447,966	\$1,598,636	\$989,145	\$945,418	\$1,187,310	\$1,157,029	\$1,301,797	\$1,159,631	\$953,793	\$1,207,540	\$1,407,640	\$1,137,807
51 Net Operating Revenues	\$603,964	\$257,709	\$0	\$12	\$752,174	(\$12,447)	(\$182,305)	(\$59,932)	(\$140,740)	\$4,802	\$100,386	(\$7,666)
52 Additional Reserve Contributions (Withdrawals)	\$0	\$0	\$0	\$0	(\$752,174)	\$0	\$182,305	\$0	(\$4,802)	\$0	\$0	\$0
53 Net Operating Revenues after Reserve Contr.	\$603,964	\$257,709	\$0	\$12	\$0	(\$12,447)	\$0	(\$59,932)	(\$140,740)	\$0	\$100,386	(\$7,666)

Financial Pro Forma
 Region 2000 Services Authority
 Financial Pro Forma - Case 3: Fall 2021 Financing, with Capital

1-Sep

	Projected FY 2021	Projected FY 2022	Projected FY 2023	Projected FY 2024	Projected FY 2025	Projected FY 2026	Projected FY 2027	Projected FY 2028	Projected FY 2029
1 Disposal Rates									
2 Cost of Service Rate	\$30.25	\$30.25	\$33.58	\$37.30	\$37.67	\$38.10	\$38.51	\$38.91	\$39.02
3 Member Rate	\$30.25	\$30.25	\$33.58	\$37.30	\$37.67	\$38.10	\$38.51	\$38.91	\$39.02
4 Other Contracts	\$40.25	\$40.25	\$43.58	\$47.30	\$47.67	\$48.10	\$48.51	\$48.91	\$49.02
5 Market Rate (Private Haulers)	\$40.25	\$40.25	\$43.58	\$47.30	\$47.67	\$48.10	\$48.51	\$48.91	\$49.02
6 Inert	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$1.00
8 Operating Revenue									
9 Member Cities	\$2,385,554	\$2,145,028	\$2,381,096	\$2,645,216	\$2,670,966	\$2,701,556	\$2,730,941	\$2,759,012	\$1,534,265
10 Lynchburg Contracts & Other Waste	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
11 Market Rate and Other Contract Tonnage	\$4,961,779	\$4,909,537	\$5,315,608	\$5,769,934	\$5,814,229	\$5,866,848	\$5,917,394	\$5,965,680	\$3,315,540
12 Total Operating Revenue	<u>\$7,347,333</u>	<u>\$7,054,565</u>	<u>\$7,696,704</u>	<u>\$8,415,150</u>	<u>\$8,485,195</u>	<u>\$8,568,404</u>	<u>\$8,648,334</u>	<u>\$8,724,692</u>	<u>\$4,849,805</u>
14 Operating Expenditures									
15 Personnel	\$1,516,460	\$1,618,534	\$1,650,905	\$1,683,923	\$1,717,601	\$1,751,953	\$1,786,992	\$1,822,732	\$1,030,941
16 Landfill O&M	\$1,622,050	\$1,547,244	\$1,578,189	\$1,609,753	\$1,641,948	\$1,674,787	\$1,708,282	\$1,742,448	\$985,533
17 Equipment Replacement Reserve Contribution	\$500,000	\$466,554	\$640,000	\$600,000	\$400,000	\$250,000	\$100,000	\$50,000	\$0
18 Equipment Lease Payments	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
19 Authority Closure and Post-Closure Contributions	\$353,546	\$450,000	\$150,000	\$280,000	\$1,990,000	\$2,600,000	\$2,765,000	\$2,825,000	\$1,905,000
20 O&M Reserve Contribution	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
21 Environmental Remediation Reserve	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
22 Future Disposal Planning Reserve	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
23 Other	\$19,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
24 Subtotal Operating Expenses	<u>\$4,011,056</u>	<u>\$4,082,332</u>	<u>\$4,019,094</u>	<u>\$4,173,675</u>	<u>\$5,749,549</u>	<u>\$6,276,740</u>	<u>\$6,360,276</u>	<u>\$6,440,182</u>	<u>\$3,921,476</u>
25 Interest and Other Income	(\$46,370)	(\$21,000)	(\$21,000)	(\$21,000)	(\$21,000)	(\$21,000)	(\$21,000)	(\$21,000)	(\$20,999)
26 Closure Liability Accrual from Lynchburg									
27 Revenue Offset from Reserves									
28 Reimbursable Expenses	(\$149,907)	(\$168,215)	(\$171,579)	(\$175,011)	(\$178,511)	(\$182,081)	(\$185,723)	(\$189,437)	(\$193,226)
29 Total Operating Expenditures	<u>\$3,814,779</u>	<u>\$3,893,117</u>	<u>\$3,826,514</u>	<u>\$3,977,665</u>	<u>\$5,550,038</u>	<u>\$6,073,659</u>	<u>\$6,153,553</u>	<u>\$6,229,745</u>	<u>\$3,707,251</u>
31 Revenues Available for Debt Service	<u>\$3,532,554</u>	<u>\$3,161,448</u>	<u>\$3,870,190</u>	<u>\$4,437,486</u>	<u>\$2,935,157</u>	<u>\$2,494,746</u>	<u>\$2,494,782</u>	<u>\$2,494,947</u>	<u>\$1,142,554</u>
33 Debt Service (DS)									
34 Series 2008 Debt (payment to escrow account)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
35 Series 2011 Debt (payment to escrow account)	\$834,121	\$829,225	\$829,016	\$829,423	\$69,122	\$0	\$0	\$0	\$0
36 Property Acquisition (Internal Loan)	\$0	\$0	\$258,523	\$258,523	\$258,523	\$258,523	\$258,523	\$258,523	\$0
37 Phase IV Landfill (payment to escrow account)	\$1,112,212	\$1,112,462	\$1,112,891	\$1,112,820	\$370,913	\$0	\$0	\$0	\$0
38 Phase V Landfill	\$0	\$0	\$704,118	\$1,321,900	\$1,321,780	\$1,321,403	\$1,321,439	\$1,321,604	\$771,123
39 Total Debt Service	<u>\$1,946,333</u>	<u>\$1,941,687</u>	<u>\$2,904,548</u>	<u>\$3,522,666</u>	<u>\$2,020,337</u>	<u>\$1,579,926</u>	<u>\$1,579,962</u>	<u>\$1,580,127</u>	<u>\$771,123</u>
41 Total Expenses									
42 Subtotal Operating Expenses and Debt Service	\$5,761,112	\$5,834,804	\$6,731,062	\$7,500,330	\$7,570,375	\$7,653,584	\$7,733,514	\$7,809,872	\$4,478,374
43 Offset from Prior Year Net Revenue or Reserves	\$0	\$0	(\$254,118)	(\$304,940)	(\$304,940)	(\$304,940)	(\$304,940)	(\$304,940)	(\$304,940)
44 Total Operating Expenses and Debt Service	<u>\$5,761,112</u>	<u>\$5,834,804</u>	<u>\$6,476,944</u>	<u>\$7,195,390</u>	<u>\$7,265,435</u>	<u>\$7,348,644</u>	<u>\$7,428,574</u>	<u>\$7,504,932</u>	<u>\$4,173,434</u>
46 Distribution of Airspace Reserve									
47 City of Lynchburg	\$430,671	\$62,208	\$0	\$0	\$0	\$0	\$0	\$0	\$0
48 Campbell County	\$976,751	\$903,436	\$914,820	\$914,820	\$914,820	\$914,820	\$914,820	\$914,820	\$507,279
49 Total	<u>\$1,407,422</u>	<u>\$965,643</u>	<u>\$914,820</u>	<u>\$914,820</u>	<u>\$914,820</u>	<u>\$914,820</u>	<u>\$914,820</u>	<u>\$914,820</u>	<u>\$507,280</u>
51 Net Operating Revenues	\$178,799	\$254,118	\$304,940	\$304,940	\$304,940	\$304,940	\$304,940	\$304,940	\$169,092
52 Additional Reserve Contributions (Withdrawals)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
53 Net Operating Revenues after Reserve Contr.	<u>\$178,799</u>	<u>\$254,118</u>	<u>\$304,940</u>	<u>\$304,940</u>	<u>\$304,940</u>	<u>\$304,940</u>	<u>\$304,940</u>	<u>\$304,940</u>	<u>\$169,092</u>

Appendix C | Project Budget Support Prepared by Draper Aden Associates



Draper Aden Associates has provided a Project Budget, which is included following this page. The line items summing up to the estimated Project Budget of \$6.5 Million are reflected below with page reference numbers pertaining to this Appendix C.

- \$5,246,000 – Total “Cell Construction” – page C-1
- \$570,200 – Total Phases IV and V partial gas systems – page C-1
 - \$426,000 – Total “Gas Collection and Control System” for Planning and Budgeting (Loan Portion, Part 1) – page C-2
 - \$144,166 – Total “Gas Collection and Control System” for Planning and Budgeting (Loan Portion, Part 2) – page C-3
 - \$570,200 – Subtotal Phases IV and V partial gas systems – which ties to page C-1
- \$593,000 – Total Engineering Fees – page C-4
- \$6,409,200 – Total Project Fund discussed previously and reflected in the Project Fund of the prior numbers runs
- \$27,600 – Total Survey Costs – page C-6
- \$6,436,800 – Total Project Budget

See Draper Aden’s Project Budget support beginning on the following page

TABLE 1 (Revision 3)**REGION 2000 SERVICES AUTHORITY****LRLF - Permit 610 - Final Phase (Phase V) (Includes gas system improvements)****OPINION OF PROBABLE CONSTRUCTION COST**

Generally based on permit documents and average of all 5 Phase IV bids inflated at 2% for 5 years.

REVISION 3 Prepared by DAA - Lynn Klappich

5/20/2021

**Contingency increased based on recent bids;
added gas system - revised Phase V gas %**

Item No.	Description	Estimated Quantity	Unit	Phase IV - Unit cost - inflated average	Rounded or adjusted	Total
	Total acreage of Phase V	9.08	ac			
1	Mobilization	1	LS	\$85,047	\$85,000	\$85,000
2	Preliminary Erosion and Sediment Control	1	LS	\$168,334	\$168,000	\$168,000
3	Borrow and Stockpile Development	1	LS	\$177,614	\$180,000	\$180,000
4	Perimeter Road Grading and E & S Control (1,416 LF)	1	LS	\$354,805	\$250,000	\$250,000
5	Clearing and Grubbing	1	LS	\$74,485	\$75,000	\$75,000
6	Excavation of base grade	165,000	CY	\$2.83	\$3.00	\$495,000
7	Fill on perimeter	5,453	CY		\$6.00	\$32,718
8	Stockpile of excess material	159,547	CY		\$2.00	\$319,094
9	Minimum 24" low permeability soil liner (Bennett soil; longer haul)	29,298	CY	\$5.05	\$8.00	\$234,385
10	60 mil textured HDPE geomembrane	48,342	SY	\$5.01	\$5.50	\$265,881
11	16 oz. geotextile	48,342	SY	\$2.30	\$2.70	\$130,523
12	Leachate collection piping - Internal (6")	2,488	LF	\$24.97	\$25.00	\$62,200
13	Leachate collection piping - Internal (8")	1,052	LF		\$30.00	\$31,560
14	Cleanouts	8	EA		\$1,000.00	\$8,000
15	Drainage layer (18" at 135 pounds/cf)	40,047	Tons	\$31.30	\$32.00	\$1,281,500
16	Installation of external leachate collection system	212	LF		\$35	\$7,420
17	Manholes	2	EA		\$6,000	\$12,000
18	Permanent seeding and mulching at landfill	5	AC		\$4,000	\$20,000
19	Contingency: Additional E&S Control or SW Activities	1	LS	\$55,000	\$55,000	\$55,000
20	Contingency: Rock Excavation	200	CY	\$113.00	\$113.00	\$22,600
21	Placement of Rain Cover	48,342	SY	\$2.69	\$2.70	\$130,523
	SUBTOTAL - LANDFILL CELL CONSTRUCTION					\$3,866,404
22	Tire and brush area (Estimate)	1	LS		\$100,000	\$100,000
23	Culvert repair (Option 2 from 12/28/21 email from Hase to Gibson)	1	LS		\$230,000	\$230,000
	SUBTOTAL - ANCILLARY CONSTRUCTION					\$330,000
	TOTAL					\$4,196,404
	Contingency (25%)					1.25
	TOTAL with contingency					\$5,245,505
	TOTAL with contingency (rounded to nearest thousand)					\$5,246,000
24	Phase IV and Phase V partial gas systems - see attached tables					\$570,200
	TOTAL WITH GAS SYSTEM - FOR LOAN					\$5,816,200
	Cost per acre (Items 1 - 21 only)					\$532,269

Synthetic prices have significantly increased as have overall construction costs. Contingency increased from 10% to 25%.**Added active gas system based on SCS estimates - see attached tables; percentage allocated to loan modified.**

Engineer's opinions of probable Construction Cost are to be made on the basis of Engineer's experience and qualifications and represent Engineer's best judgment as an experienced and qualified professional generally familiar with the construction industry.

However, since Engineer has no control over the cost of labor, materials, equipment, or services furnished by others, or over contractors' methods of determining prices, or over competitive bidding or market conditions, Engineer cannot and does not guarantee that proposals, bids, or actual Construction Cost will not vary from opinions of probable Construction Cost prepared by Engineer.

ATTACHMENT A-1. LFG SYSTEM CONSTRUCTION COST ESTIMATE

PHASE IV LANDFILL GAS COLLECTION AND CONTROL SYSTEM
REGION 2000 REGIONAL LANDFILL - LIVESTOCK ROAD FACILITY

Date: 5/18/2021 (SCS provided FY 2022 information for loan)

SCS 5/18/21 DAA 5/19/21

No.	Item Description	ORIGINAL ESTIMATE 5/7/21				FY 2022	REMAINDER
		Quantity	Unit	Unit Price	Total Cost	ESTIMATED	RESERVE
1	Mobilization/Demobilization	3	LS	\$21,000	\$63,000	\$21,000	\$42,000
LFG EXTRACTION COMPONENTS & WELLFIELD INFRASTRUCTURE							
2	LFG Extraction Wells - 8" SCH 80 PVC	1,287	VF	\$99	\$127,027	\$57,740	\$69,287
3	Leachate Cleanout Connection	12	EA	\$1,575	\$18,900	Installed	
4	LFG Extraction Wellheads - 2" Standard	29	EA	\$788	\$22,838	\$8,663	\$14,175
5	LFG Vertical Caissons - 8" SDR-17 HDPE	395	VF	\$110	\$43,549	\$17,640	\$25,909
6	LFG Horizontal Collectors - 6" SDR-17 HDPE	2,000	LF	\$51	\$102,900	\$61,740	\$41,160
7	4" Dia. LFG Collection Piping (Below Grade)	1,756	LF	\$24	\$42,407	\$19,320	\$23,087
8	6" Dia. LFG Collection Piping (Below Grade)	523	LF	\$27	\$14,278	\$0	\$14,278
9	8" Dia. LFG Collection Piping (Below Grade)	2,846	LF	\$34	\$95,609	\$40,320	\$55,289
10	10" Dia. LFG Collection Piping (Below Grade)	1,019	LF	\$40	\$40,658	\$0	\$40,658
11	12" Dia. LFG Collection Piping (Below Grade)	500	LF	\$45	\$22,575	\$0	\$22,575
13	8" Dia. LFG Isolation Valves (Below Grade)	4	EA	\$2,940	\$11,760	\$2,940	\$8,820
14	12" Dia. LFG Isolation Valves (Below Grade)	1	EA	\$5,250	\$5,250	\$0	\$5,250
LFG CONDENSATE MANAGEMENT							
16	24" Condensate Sump w/ Pneumatic Pump	2	EA	\$25,200	\$50,400	Installed	
17	4" Forcemain and 2" airline in common trench with LFG header	2,500	LF	\$7	\$17,500	\$8,400	\$9,100
18	2" Airline Isolation Valves	5	EA	\$788	\$3,938	\$788	\$3,150
19	4" Dewatering Forcemain Isolation Valves	5	EA	\$1,890	\$9,450	\$1,890	\$7,560
20	Dewatering Forcemain Air Release Valves	5	EA	\$2,100	\$10,500	\$2,100	\$8,400
21	Dewatering Pneumatic Pumps & Appurtenances - QED AP-4 Short or Equivalent	18	EA	\$6,195	\$111,510	\$92,925	\$18,585
MISCELLANEOUS							
22	Restoration and E&S Controls	1	LS	\$15,750	\$15,750	\$0	\$15,750
23	Construction Stake Out, as built	1	LS	\$16,800	\$16,800	\$16,800	\$0
SUBTOTAL					\$846,598	\$0	\$0
DEDUCT COMPLETED ITEMS					\$69,300	\$0	\$0
REVISED SUBTOTAL					\$777,298	\$352,265	\$425,033
CONSTRUCTION CONTINGENCY (10%) Rounded					\$78,000	\$35,000	\$43,000
TOTAL ESTIMATED CONSTRUCTION COST Rounded					\$855,000	\$387,000	\$468,000
ESTIMATED DESIGN ENGINEERING AND CQA COST (10%) Rounded					\$86,000	\$39,000	\$47,000
TOTAL FOR PLANNING AND BUDGETING Rounded					\$941,000	\$426,000	\$515,000

Notes:

- Well Schedule on Concept Design Drawing presents total boring depth for 18 vertical LFG extraction wells equal to 1287 feet.
- Wellhead quantity reflects 18 vertical LFG extraction wells, 4 horizontal collectors (both ends), and 10 leachate cleanout connections.
- This estimated construction cost to install the LFG System is based on the Phase IV LFG System Masterplan Layout Drawing, prepared by SCS Engineers, dated 6/3/16. Assumes 5% inflation factor on unit cost estimates from Phases III Cost Estimate since infrastructure will be installed in phases over next 15 years.
- The total estimated construction cost incorporates a 10% contingency allocation to accommodate field changes that may be warranted due to ongoing waste placement operations.

ATTACHMENT A-2. LFG SYSTEM CONSTRUCTION COST ESTIMATE

PHASE V LANDFILL GAS COLLECTION AND CONTROL SYSTEM
REGION 2000 REGIONAL LANDFILL - LIVESTOCK ROAD FACILITY

Date: 5/20/2021 (Per Gibson 25% of estimate should be appropriate for loan)

No.	Item Description	25.0%		Unit Price	Total Cost	FY 2022	REMAINDER	
		Percent for Loan	Quantity			Unit	ESTIMATED	RESERVE
1	Mobilization/Demobilization		2	LS	\$21,000	\$42,000	\$10,500	\$31,500
LFG EXTRACTION COMPONENTS & WELLFIELD INFRASTRUCTURE								
2	LFG Extraction Wells - 8" SCH 80 PVC		883	VF	\$99	\$87,103	\$21,776	\$65,327
3	Leachate Cleanout Connection		6	EA	\$1,575	\$9,450	\$2,363	\$7,088
4	LFG Extraction Wellheads - 2" Standard		19	EA	\$788	\$14,963	\$3,741	\$11,222
5	LFG Vertical Caissons - 8" SDR-17 HDPE		170	VF	\$110	\$18,743	\$4,686	\$14,057
6	LFG Horizontal Collectors - 6" SDR-17 HDPE		1,196	LF	\$51	\$61,534	\$15,384	\$46,151
7	4" Dia. LFG Collection Piping (Below Grade)		1,395	LF	\$24	\$33,689	\$8,422	\$25,267
8	6" Dia. LFG Collection Piping (Below Grade)		601	LF	\$27	\$16,407	\$4,102	\$12,305
9	8" Dia. LFG Collection Piping (Below Grade)		0	LF	\$34	\$0	\$0	\$0
10	10" Dia. LFG Collection Piping (Below Grade)		650	LF	\$40	\$25,935	\$6,484	\$19,451
11	12" Dia. LFG Collection Piping (Below Grade)		929	LF	\$45	\$41,944	\$10,486	\$31,458
12	10" Dia. LFG Isolation Valves (Below Grade)		1	EA	\$3,675	\$3,675	\$919	\$2,756
LFG CONDENSATE MANAGEMENT								
13	2" Airline Isolation Valves		3	EA	\$788	\$2,363	\$591	\$1,772
14	4" Dewatering Forcemain Isolation Valves		3	EA	\$1,890	\$5,670	\$1,418	\$4,253
15	Dewatering Forcemain Air Release Valves		3	EA	\$2,100	\$6,300	\$1,575	\$4,725
16	Dewatering Pneumatic Pumps & Appurtenances - QED AP-4 Short or Equivalent		12	EA	\$6,195	\$74,340	\$18,585	\$55,755
MISCELLANEOUS								
17	Restoration and E&S Controls		1	LS	\$15,750	\$15,750	\$3,938	\$11,813
18	Construction Stake Out, as built		1	LS	\$16,800	\$16,800	\$4,200	\$12,600
SUBTOTAL						\$476,665	\$119,166	\$357,499
CONSTRUCTION CONTINGENCY (10%)						\$48,000	\$12,000	\$36,000
TOTAL ESTIMATED CONSTRUCTION COST						\$524,665	\$131,166	\$393,499
ESTIMATED DESIGN ENGINEERING AND CQA COST (10%)						\$52,000	\$13,000	\$39,000
TOTAL FOR PLANNING AND BUDGETING						\$576,665	\$144,166	\$432,499

Notes:

- Well Schedule on Concept Design Drawing presents total boring depth for 12 vertical LFG extraction wells equal to 883 feet.
- Wellhead quantity reflects 12 vertical LFG extraction wells, 2 horizontal collectors, and 6 leachate cleanout connections.
- This estimated construction cost to install the LFG System is based on the Phase IV LFG System Masterplan Layout Drawing, prepared by SCS Engineers, dated 6/3/16. Assumes 5% inflation factor on unit cost estimates from Phases III Cost Estimate since infrastructure will be installed in phases over next 15 years.
- The total estimated construction cost incorporates a 10% contingency allocation to accommodate field changes that may be warranted due to ongoing waste placement operations.

TABLE 2 REGION 2000 SERVICES AUTHORITY LRLF - Permit 610 - Phase V and ancillary construction items ENGINEERING FEES DRAFT 2 Prepared by DAA - Lynn Klappich 1/26/2021				
ITEM	ACTIVITY	PHASE IV (2016)	ADJUSTMENT FACTOR	PHASE V (2021)
	ACREAGE	18 ACRES		9 ACRES
	Time for Sub. Completion	300 days		180 days
1	Borrow area study (Phase III)	\$24,400	DEQ Inflation	\$26,500
2	Construction document preparation	\$84,000	DEQ Inflation and level of effort	\$95,700
3	Bidding phase services	\$21,600	DEQ Inflation - dependent on number of bidders	\$24,600
4	CPS - Engineering as billed	\$101,500	DEQ Inflation	\$110,205
5	CPS - Geotech - as billed	\$298,536	85% plus inflation	\$275,518
6	CPS - Surveying as billed	\$65,100	85% plus inflation	\$60,081
	TOTAL	\$570,736		\$592,603
	TOTAL (rounded to nearest 1000)	\$571,000		\$593,000
Note: While Phase IV included underdrains and significant E&S, Phase V includes repair of 72" culvert, relocation of tire and brush areas, consideration of traffic during construction etc.				
DEQ inflation factors				
2017	1.013			
2018	1.018			
2019	1.023			
2020	1.017			
2021	1.012			
Factor	1.086			

CPS = Construction Phase Services

TASK ORDER

Appendix C-5

FY 2021 Aerial , Capacity Analysis, and Base Sheet for Phase V construction To the Agreement Between Virginia's Region 2000 Services Authority and Draper Aden Associates December 21, 2020 (Revised to survey Phase V for construction)

THIS TASK ORDER is executed under the terms of the Master Services Agreement for general engineering services, between Virginia's Region 2000 Services Authority (Owner) and Draper Aden Associates (Engineer) dated September 1, 2018 is incorporated as part of that Agreement.

EFFECTIVE DATE

This Task Order is effective as of the date of the Owner's signature.

SCOPE OF SERVICES

Engineer shall provide the following specific services related to the FY 2021 aerial survey, capacity analysis and base sheet for Phase V. The capacity analysis is critical for determination of the construction schedule of Phase V. A comprehensive survey has not been completed since 2017.

FY 2021 AERIAL SURVEY,CAPACITY ANALYSIS AND PHASE V BASE MAPPING – LIVESTOCK ROAD LANDFILL – Permit 610

Engineer will perform a combination of aerial and conventional ground topographic surveys and mapping of approximately 125 acres as shown on Figure 1 of the Livestock Road landfill to analyse capacity and operations as well as to provide the base survey for Phase V construction. Part of the area to be surveyed is heavily wooded so conventional ground surveying is required.

Work will be performed using the Draper Aden Associates Small Unmanned Aerial Systems (sUAS) described as follows: DAA will perform a geo-referenced aerial survey of the site. The Engineer will establish GPS survey control, aerial target placement and control point designation prior to flight operations. Preflight considerations include, but are not limited to airspace restrictions, site accessibility, permission to operate, safety, weather, and vegetation. The flight will comply with FAA rules and regulations of commercial small Unmanned Aerial Systems (sUAS). The survey will show one-foot contours and an ortho-rectified aerial image of the site. In addition, conventional ground surveying will be performed to provide the topographic survey of the wooded area (10 acres+) along the northern edge of the survey limits. The survey will be referenced to the Virginia State Plane Coordinate System, South Zone, U.S. Feet (NAD83) and NAVD 88 vertical datum.

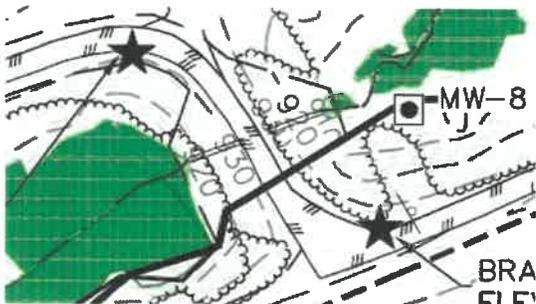
The topographic survey can be used for the following efforts:

- Comparison of FY 2021 survey against 2017 survey to determine waste fill.
- Calculation of landfill utilization factor(LUF). (pounds of waste per cubic yard of space utilized)
- Comparison of FY 2019 survey against intermediate cover grades for Phase IV to determine remaining capacity.
- Preparation of base sheet for Phase V construction

A digital photo can be provided but will require a separate flight to capture the required area.

ACCESS ROAD CULVERT SURVEY - FOR REPAIR OR REPLACEMENT

Consultant will perform a ground survey of the culvert identified below. This culvert on the access road may require repair or replacement to occur during Phase V construction. Survey will include inverts, diameter, topography on 50 feet either side of centreline, top of road, length etc.



TASK ORDER

Appendix C-6

FY 2021 Aerial , Capacity Analysis, and Base Sheet for Phase V construction
To the Agreement Between
Virginia's Region 2000 Services Authority and Draper Aden Associates
December 21, 2020 (Revised to survey Phase V for construction)

CONSULTANTS

The following consultants are required to complete the work under this task and are included in the fee estimates below:

None

DELIVERABLES AND SCHEDULE

Engineer Deliverables and Schedule for this Task Order are:

1. Drawings, (hard copy and CD).
2. Analyses as outlined above
3. Letter report
4. Digital photo with contours for landfill.

Work to be initiated by verbal authorization by Owner. Flight to be completed as weather allows. Work to be completed within 4 - 6 weeks of receipt of final aerial survey.

OWNER'S RESPONSIBILITIES

Owner shall have those responsibilities set forth in the Master Agreement with additions as follows:

1. Provision of tonnage information for LUF calculation.

COMPENSATION

Engineer shall be compensated for performing the above Services as follows. Fee estimates are based on the Draper Aden Associates 2019 hourly rate schedule, and will be invoiced on a lump sum, percent complete basis. (Please check activities that are being approved.)

Item	Estimated Fee	Billing Method (T&M/NTE/LS)
Surveying of 125 acres (aerial and ground)		
• Survey	\$19,500	
• Engineering	\$ 4,800	
Total fee	\$24,300	Lump sum
Culvert Replacement		
Field survey	\$ 1,800	Lump sum
Digital Photo		
• Flight and photo	\$ 1,500	Lump sum

Total survey is \$27,600. The fee increased due to the additional acreage for the Phase V construction documents.

Engineer's compensation is based on the payment procedures (Article 2.01B of the Agreement) and the invoicing requirements as established in Article 4 and Exhibit C of the Agreement. Incidental fees will be addressed per Article C.2.03.

ATTACHMENT: Figure - Approximate Limits of Mapping

TASK ORDER

Appendix C-7

**FY 2021 Aerial , Capacity Analysis, and Base Sheet for Phase V construction
To the Agreement Between
Virginia's Region 2000 Services Authority and Draper Aden Associates
December 21, 2020 (Revised to survey Phase V for construction)**

IN WITNESS WHEREOF, the parties have signed this Task Agreement.

DRAPER ADEN ASSOCIATES

REGION 2000 SERVICES AUTHORITY

By (Signature): 
Name Michael D. Lawless, P.G.
Title Vice President
Date December 21, 2020

By (Signature): 
Name Clarke W. Gibson
Title Director
Date 01-29-2021

SEDIMENT



Municipal Advisor Disclosure



The enclosed information relates to an existing or potential municipal advisor engagement.

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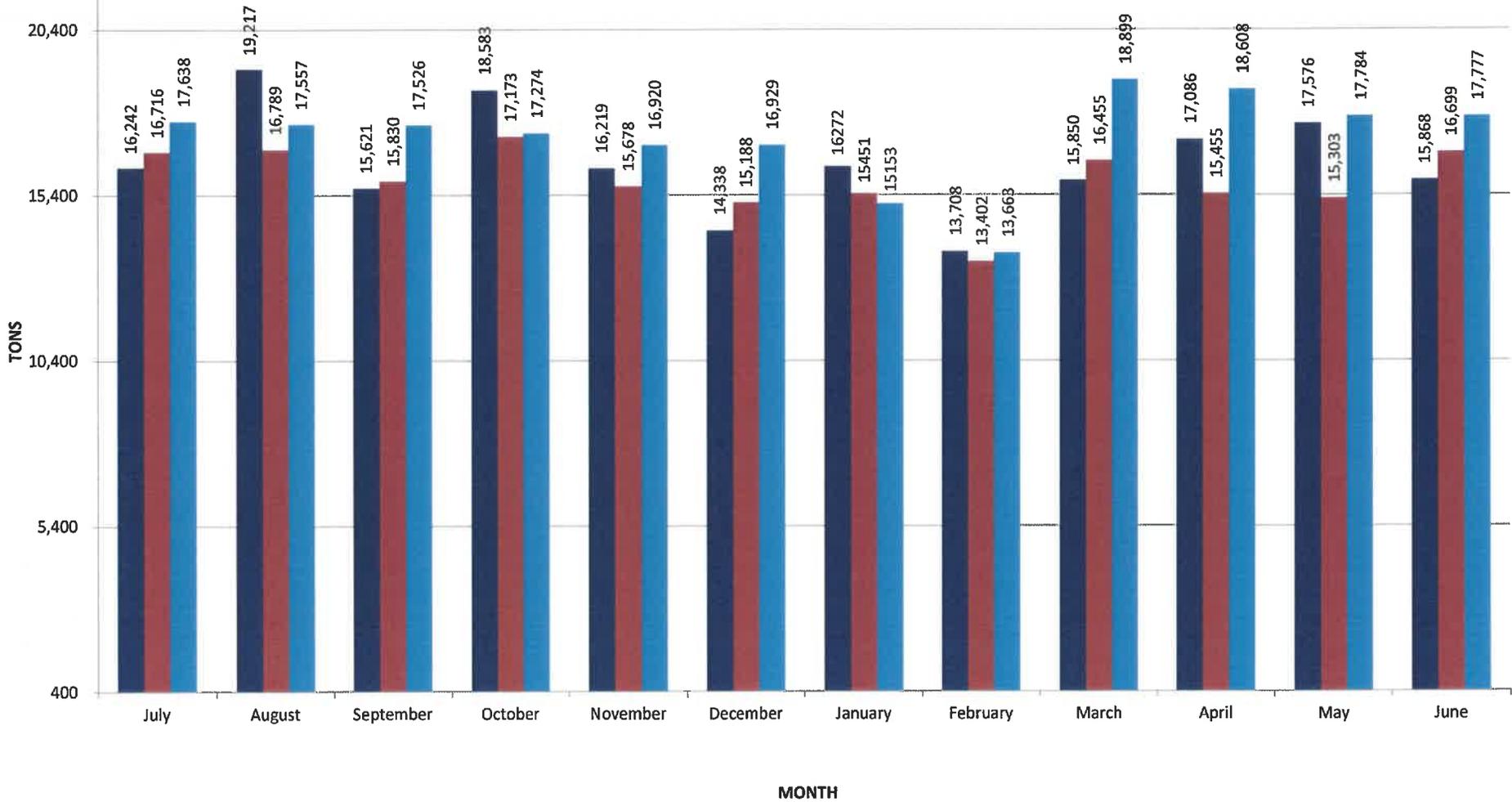
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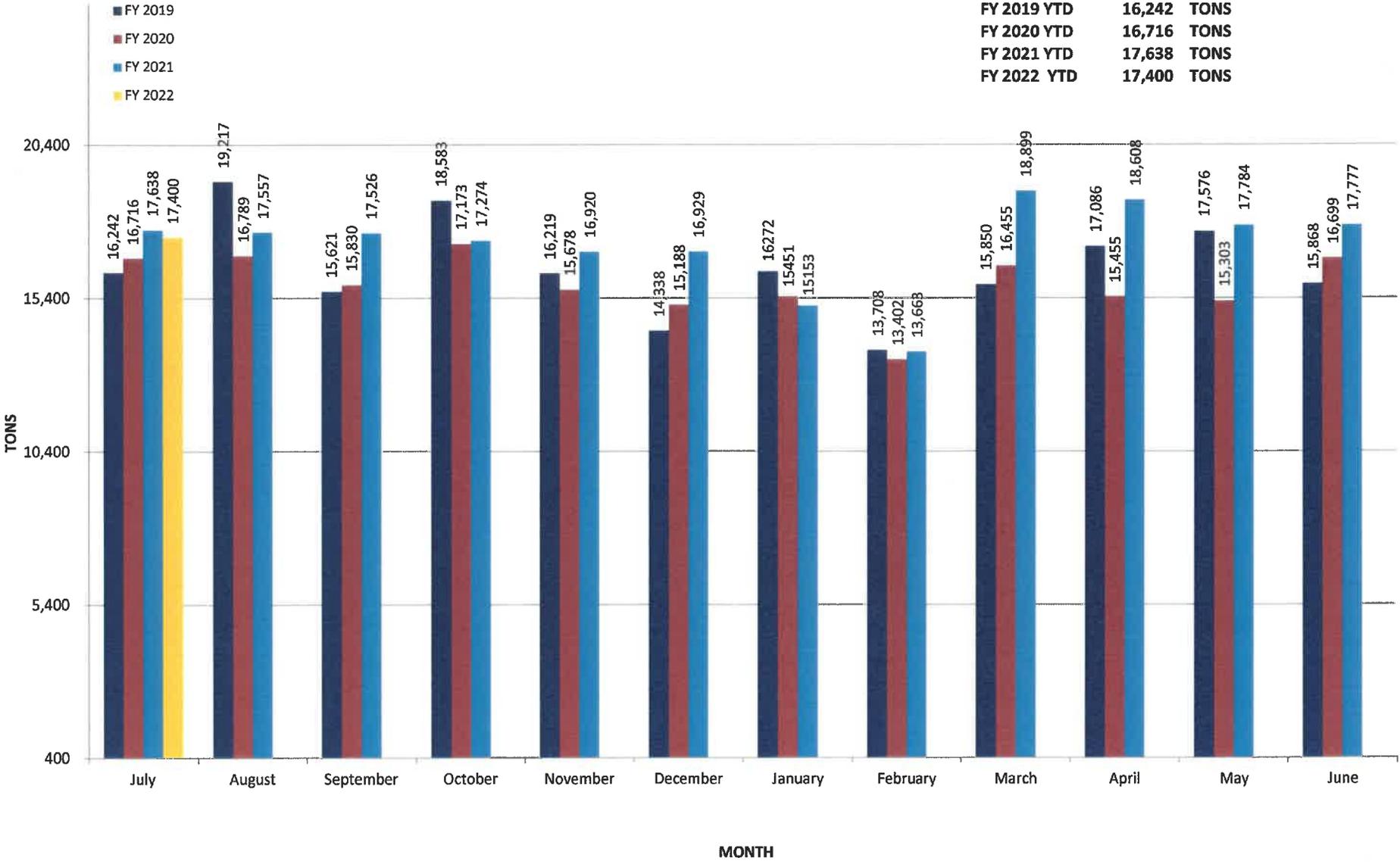
REGION 2000 REGIONAL LANDFILL AVERAGE TONS PER MONTH GENERATING REVENUE

■ FY 2019
■ FY 2020
■ FY 2021

FY 2019 YTD 180,710 TONS
FY 2020 YTD 173,442 TONS
FY 2021 YTD 205,729 TONS



REGION 2000 REGIONAL LANDFILL AVERAGE TONS PER MONTH GENERATING REVENUE



FY 2019 YTD	16,242	TONS
FY 2020 YTD	16,716	TONS
FY 2021 YTD	17,638	TONS
FY 2022 YTD	17,400	TONS