



**Region 2000 Services Authority  
828 Main Street, 12th Floor  
Lynchburg, VA 24504  
434-845-3491  
October 22, 2014  
2:00 p.m.**

**Agenda**

1. Welcome and Approval of the August 27<sup>th</sup> Meeting Minutes ..... Kim Payne, Chairman
2. Financial Report (*Attachment 2*) ..... Rosalie Majerus
  - a. Budget Schedule
3. Update on the Acquisition of the Bennett Property ..... Clarke Gibson
4. Special Use Permit Application (*Attachment 4*) ..... Clarke Gibson
5. Host Fees (*Attachment 5*) ..... Clarke Gibson
6. Transfer of Residual Property at the Concord Turnpike Landfill..... Clarke Gibson
7. Director’s Report ..... Clarke Gibson
  - a. GPS
  - b. Liberty University Interns
  - c. Update on Concord Turnpike Landfill Closure
  - d. Tonnage (*Attachment 7d*)
8. Meeting Schedule for 2015 ..... Gary Christie
  - a. January 28
  - b. April 22
  - c. July 22
  - d. October 28
9. Closed Session for Salary Study Report ..... Gary Christie
10. Adjourn – Next Meeting: Wednesday, January 28, 2015

# Region 2000 Services Authority

Region 2000 Services Authority Meeting  
Region 2000 Partnership Large Conference Room  
August 27, 2014  
2:00 p.m.

## Draft Minutes

### Board Members

#### Present

Steve Carter ..... Nelson County  
David Laurrell ..... Campbell County  
Kim Payne ..... City of Lynchburg  
John Spencer ..... Appomattox County

#### Others

Emmie Boley ..... Region 2000  
Gary Christie ..... Region 2000  
Susan Cook ..... Region 2000  
Clarke Gibson ..... Region 2000  
Bill Hefty ..... Hefty & Wiley  
Lynn Klappich ..... Draper Aden  
Katrina Koerting ..... News & Advance  
Mike Lawless ..... Draper Aden  
Rosalie Majerus ..... Region 2000  
Candy McGarry ..... Nelson County

#### 1. Welcome and Approval of the April 23<sup>rd</sup> Meeting Minutes

Chairman David Laurrell welcomed everyone and opened the meeting at 2:00 p.m.

Upon a motion by Steve Carter and seconded by Kim Payne, the Authority approved the April 23<sup>rd</sup> meeting minutes unanimously.

#### 2. Financial Report

Rosalie Majerus reviewed the financials that were included in the meeting packet. She advised that the balances are before any audit adjustments. Therefore the balance sheet does not include the final closure, or post-closure liability for both locations.

### **3. Lateral Expansion of Livestock Road Update**

Clarke Gibson explained that the lateral expansion of Livestock Road is basically the space between the current Phase 3 and Phase 4. He proposes to join those two sections by filling in and permitting that space. One of the things he needs to do in this process is to mail out a letter to ten adjacent property owners. David Laurrell suggested adding narrative that explains that this expansion is located on the existing permitted area of the landfill.

Clarke also advised that at the next meeting it will be time to start talking about financing for the expansion.

Lynn Klappich explained the process of working with the DEQ to get the appropriate Stormwater Permit.

### **4. Report on the Bennett Property Purchase**

Clarke Gibson reported that in the purchasing agreement with the Bennett family the Authority agreed to do a Phase 1 Environmental Site Assessment. The summary of this assessment was included in the meeting packet. An inspection of the mechanical systems was also done.

Clarke also reported that he is close to getting the Erosion Sediment Control Permit for the soil borrow area. A condition was in the purchase agreement that the Authority get permission from Campbell County to excavate soils on the property for operational cover as well as for use as future landfill liner.

A Stormwater Discharge Permit is also needed, which should be added to an already existing Industrial Stormwater Permit.

David Laurrell expressed his reservation about moving forward with closing without the permit. He asked the Authority if they were comfortable moving forward with closing on the property without the signed permit, although there is every reason to believe that it will be signed. Bill Hefty stated that as long as the Authority receives a letter from the DEQ that says they will issue the permit once the Authority owns the property, Clarke has administrative approval from the Board to proceed with closing. Closing is tentatively scheduled for September 10th.

### **5. Special Use Permit**

Clarke reported that he will begin an application process for a special use permit for a conceptual site plan for landfill expansion on the Bennett property.

Lynn Klappich gave a presentation to help visualize the expansion plan. The power point is also the presentation that will be taken to the Campbell County Board of Supervisors in October, and will also be used in some of the neighborhood meetings.

Clarke stated that there would need to be a discussion on host fees. Under the Member Use Agreement Lynchburg City and Campbell County brought a certain amount of landfill space. Once this amount is reached, probably around 2021, enough waste will have been placed in the landfill to have reached the original capacity the two localities brought to the table. At that point the distribution of excess revenue will stop. He suggested a formula be set up to continue to reimburse the host locality in the form of a host fee. He is working on several different scenarios to present at the October meeting. David Laurrell suggested that Clarke submit the Special Use Permit to the Planning Commission at their meeting the 1st week of December, which means that host fees will have to be presented by the first week of November. Then they will go to the Board of Supervisors in February as part of the Special Use Permit. Clarke said that he would present a full report at the Service Authority's October meeting.

A motion was made by John Spencer, and seconded by Kim Payne, to authorize staff to present the conceptual plans on the lateral expansion and the Bennett Property to the Campbell County Board of Supervisors at their October 7<sup>th</sup> Board Meeting. The motion carried unanimously.

## **6. Wetlands Preservation Area – Livestock Road Landfill**

Clarke Gibson reported that the Corps of Engineers and the DEQ have identified historical wetland impacts, and are requiring delineation of the entire 200-300 acre site. Clarke advised that staff identified approximately 1½ acres of historically impacted wetlands. In order to mitigate this he asked for authorization to record a Deed of Restrictive Covenants along with Campbell County.

John Spencer made a motion to authorize recording the deed. The motion was seconded by Kim Payne, and was approved unanimously.

## **7. Concord Turnpike Closure**

- a) Clarke reported that Draper Aden reviewed all of the bids for the closure, and recommended issuing the contract to Counts and Dobyys, who was the low bidder at \$4,812,421.

The motion was made by Kim Payne, seconded by Steve Carter, to authorize staff to execute a contract with Counts and Dobyys. The motion carried unanimously.

- b) After looking at the closure/post closure amounts and the original purchase amount of the assets from Lynchburg, the outcome was two phases of adjustment. One was for the original purchase of the assets which needed to be adjusted, and also the future closure/post closure activities would need to be adjusted. The asset part of the true-up has been settled with Lynchburg, and at that time Lynchburg requested that we wait for the actual closure numbers from the bidding process before moving forward with the trueing up on the closure and post closure portion.

## **8. Director's Report**

- a) Tonnage Report – Clarke Gibson reviewed the Tonnage Report included in the meeting packet. He advised that he is trying to be conservative with budget projections.
- b) Concord Turnpike Scale House Replacement Update – The new scale house has been completed and put into operation at the Concord Turnpike facility. The city has taken over the convenience area, although the Authority owns that land. He would like to present a plan to convey some of that area back to Lynchburg.
- c) In addressing what to do with the Chair position, David Laurell asked Kim Payne if he would be willing, as Vice-Chair, to lead the next Authority meeting. The new Campbell County Administrator would be attending that meeting, and who would continue as Chair could be addressed then. Kim agreed to take the position of Chair, with the new Campbell County Administrator as Vice-Chair. This decision will be formalized at the October meeting.

## **9. Thanks to David Laurell**

Kim Payne made a motion to put into the permanent record the Authority's appreciation for David's service and leadership of the Services Authority. Steve Carter seconded the motion, and the motion carried unanimously, with David Laurell abstaining.

Clarke Gibson added thanks from the staff for David's leadership and guidance.

## **10. Adjourn** – There being no further business, the meeting adjourned.

The next meeting was set for October 22 at 2:00 p.m., at the Region 2000 offices.

**Region 2000 Services Authority  
FY15 Actuals  
As of 9/30/2014**

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Region 2000 Services Authority  
 FY 2014 Disposal Fee Revenue-through 9/30/2014

Attachment 2

Schedule 1

Contract Rate is \$36/Other rates \$28.75/\$38.75

Tonnage	FY 15 Budget	First Quarter Ending 9/30/14	Actuals Through 9/30/14	Diff Between Budget & Actual-FY 15	% Budget Remaining-FY 15
<b>Tonnage From Member Jurisdictions</b>					
Lynchburg	38,747	10,310.96	10,311	28,436	73.39%
Campbell	20,222	5,522.02	5,522	14,700	72.69%
Nelson	8,804	2,548.82	2,549	6,255	71.05%
Appomattox	5,280	1,419.62	1,420	3,860	73.11%
Bedford	-	-	-	-	0.00%
<b>Subtotal Member Jurisdictions</b>	<b>73,052</b>	<b>19,801.42</b>	<b>19,801</b>	<b>53,251</b>	<b>72.89%</b>
Lynchburg Contracts & Other Waste	29,362	5,994.16	5,994	23,368	79.59%
Market Rate Tonnage	102,932	28,446.79	28,447	74,486	72.36%
<b>Subtotal Contract and Market Rate</b>	<b>132,294</b>	<b>34,440.95</b>	<b>34,441</b>	<b>97,853</b>	<b>73.97%</b>
<b>Subtotal Revenue Generating Tonnage</b>	<b>205,346</b>	<b>54,242.37</b>	<b>54,242</b>	<b>151,104</b>	<b>73.58%</b>
Other Tonnage at No Charge (inert/brush/slag)	13,119	4,920.98	4,921	8,198	62.49%
<b>Total Tonnage</b>	<b>218,465</b>	<b>59,163.35</b>	<b>59,163</b>	<b>159,302</b>	<b>72.92%</b>

Disposal Fee Revenue	FY 15 Budget	First Quarter Ending 9/30/14	Actuals Through 9/30/14	Diff Between Budget & Actual-FY 15	% Budget Remaining-FY 15
<b>From Member Jurisdictions</b>					
Lynchburg	\$ 1,113,971	\$ 296,595	\$ 296,595	\$ 817,375	73.4%
Campbell	\$ 581,374	\$ 158,752	\$ 158,752	\$ 422,621	72.7%
Nelson	\$ 253,109	\$ 73,279	\$ 73,279	\$ 179,831	71.0%
Appomattox	\$ 151,800	\$ 40,814	\$ 40,814	\$ 110,986	73.1%
Bedford	\$ -	\$ -	\$ -	\$ -	0.0%
<b>Subtotal Member Jurisdictions</b>	<b>\$ 2,100,254</b>	<b>\$ 569,440</b>	<b>\$ 569,440</b>	<b>\$ 1,530,813</b>	<b>72.9%</b>
Lynchburg Contracts & Other Waste	\$ 1,057,021	\$ 215,790	\$ 215,790	\$ 841,231	79.6%
Outside Tonnage-Market Rate	\$ 3,988,634	\$ 1,102,400	\$ 1,102,400	\$ 2,886,234	72.4%
<b>Subtotal Contract and Market Rate</b>	<b>\$ 5,045,655</b>	<b>\$ 1,318,190</b>	<b>\$ 1,318,190</b>	<b>\$ 3,727,466</b>	<b>73.9%</b>
<b>Total</b>	<b>\$ 7,145,909</b>	<b>\$ 1,887,630</b>	<b>\$ 1,887,630</b>	<b>\$ 5,258,279</b>	<b>73.6%</b>

Per Ton Disposal Fees	FY 15 Budget	First Quarter Ending 9/30/14	YTD Average Through 9/30/2014	Diff Between Budget & Actual-FY 15	% Difference
Member Disposal Fee	\$ 28.750	\$ 28.76	\$ 28.758	\$ (0.008)	-0.03%
Cost of Service (COS) Tipping Fee	\$ 28.750	\$ 27.55	\$ 27.553	\$ 1.197	4.16%
Avg. Rate-Lynchburg Contracts & Other Waste	\$ 36.000	\$ 36.00	\$ 36.000	\$ -	0.00%
Market Rate	\$ 38.750	\$ 38.75	\$ 38.753	\$ (0.003)	-0.01%

**Region 2000 Services Authority  
 FY 2014 Expenses - through 9/30/2014  
 SUMMARY - Schedule 2**

Attachment 2

Contract Rate is \$36/Other rates \$28.75/\$38.75

<b>Expenses</b>	<b>FY 15 Budget</b>	<b>Actuals Through 9/30/14</b>	<b>Diff Between Budget &amp; Actual-FY 15</b>	<b>% Budget Remaining- FY 15</b>
Personnel (Schedule 3)	\$ 1,341,924	\$ 341,506	\$ 1,000,418	74.6%
Landfill O & M (Schedule 4)	\$ 1,544,300	\$ 352,955	\$ 1,191,345	77.1%
Landfill Equipment Replacement Reserve	\$ 400,000	\$ 100,000	\$ 300,000	75.0%
Closure and Post-Closure Reserve	\$ 790,252	\$ 197,563	\$ 592,689	75.0%
Environmental Remediation	\$ 50,000	\$ 12,500	\$ 37,500	75.0%
O & M Reserve	\$ -	\$ -	\$ -	0.0%
Annual Debt Service Subtotal	\$ 2,101,850	\$ 525,359	\$ 1,576,491	75.0%
<b>Operating Expenses</b>	<b>\$ 6,228,326</b>	<b>\$ 1,529,882</b>	<b>\$ 4,698,444</b>	<b>75.4%</b>
Reimbursable Personnel Costs (Schedule 5)	\$ (107,163)	\$ (18,789)	\$ (88,374)	82.5%
Reimbursable O & M Costs (Schedule 5)	\$ (196,400)	\$ (13,875)	\$ (182,525)	92.9%
Late Fee, Recycling & Int Income	\$ (21,000)	\$ (2,654)	\$ (18,346)	87.4%

<b>Net Cost of Service Operating Expense Total</b>	<b>\$ 5,903,763</b>	<b>\$ 1,494,564</b>	<b>\$ 4,409,199</b>	<b>74.7%</b>
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	<b>FY 15 Budget</b>	<b>Actuals Through 9/30/14</b>	<b>Diff Between Budget &amp; Actual-FY 15</b>	<b>% Budget Remaining- FY 15</b>
<b>Airspace Reserve</b>				
Lynchburg (Split is 30.6%)	\$ 380,102	\$ 112,982	\$ 267,120	70%
Campbell (Split is 69.4%)	\$ 862,061	\$ 256,240	\$ 605,821	70%
Airspace Reserve Subtotal	\$ 1,242,163	\$ 369,222	\$ 872,940	70%
O & M Reserve Contribution	\$ (18)	\$ 23,843	\$ (23,861)	

<b>Total Expenses</b>	<b>\$ 7,145,909</b>	<b>\$ 1,887,630</b>	<b>\$ 5,258,279</b>	<b>74%</b>
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<b>Total Revenue Generating Tonnage</b>	<b>205,346</b>	<b>54,242</b>	<b>151,104</b>	<b>73.6%</b>
<b>Disposal Cost per Ton</b>	<b>\$ 28.7503</b>	<b>\$ 27.553</b>	<b>\$ 1.197</b>	<b>4.2%</b>



**Personnel  
Schedule 3**

	Account	FY 15 Budget	Actuals Through 9/30/14	Diff Between Budget & Actual-FY 15	% Budget Remaining-FY 15
	<b>Solid Waste Staff</b>				
	Management	\$ 257,946	\$ 64,486	\$ 193,459	75.0%
	Operations	\$ 576,385	\$ 138,373	\$ 438,012	76.0%
41100	Salaries&Wages-Est Salary Study suggested inc	\$ 15,000	\$ -	\$ 15,000	100.0%
	<b>Total Salaries</b>	\$ 849,330	\$ 202,859	\$ 646,471	76.1%
	<b>Employee Benefits</b>				
42210	VRS-Retirement (FY15 7.52% ER)	\$ 63,870	\$ 15,255	\$ 48,615	76%
42220	VRS Life Insurance (FY15 was 1.32% - now is 1.19%)	\$ 11,211	\$ 2,414	\$ 8,797	78%
42300	Employer Cost-Health Insurance (FY15 6.7% Increase)	\$ 136,984	\$ 33,221	\$ 103,763	76%
42700	Employer Cost-Worker's Comp	\$ 28,000	\$ 29,056	\$ (1,056)	-4%
42100	Employer Cost-FICA	\$ 66,733	\$ 15,518	\$ 51,215	77%
47000	Retiree Health Care-OPEB-GASB 45	\$ -	\$ -	\$ -	0%
42500	Disability Insurance	\$ -	\$ -	\$ -	0%
42600	Unemployment Insurance	\$ 8,000	\$ -	\$ 8,000	100%
	<b>Employee Benefits Subtotal</b>	\$ 314,798	\$ 95,464	\$ 219,335	69.7%
	<b>Overtime</b>				
41200	Salaries and Wages - Overtime	\$ 23,000	\$ 8,240	\$ 14,760	64%
41300	Part -time Salaries-Wages-Regul	\$ -	\$ -	\$ -	0%
41400	Part -time Salaries-Wages-Overt	\$ -	\$ -	\$ -	0%
	<b>Overtime Subtotal</b>	\$ 23,000	\$ 8,240	\$ 14,760	64%
	<b>Total Personnel Costs-Services Authority Staff</b>	\$ 1,187,129	\$ 306,563	\$ 880,566	74.2%
	<b>Local Government Council Staff</b>				
43131	Prof Services-LGC-Salaries	\$ 64,163	\$ 16,027	\$ 48,136	75.0%
43132	Prof Services-LGC-Benefits	\$ 36,964	\$ 8,658	\$ 28,307	76.6%
43133	Prof Services-LGC Overhead	\$ 53,668	\$ 10,259	\$ 43,410	80.9%
	<b>Total Personnel Costs-Region 2000 Staff</b>	\$ 154,796	\$ 34,943	\$ 119,853	77.4%
	<b>Total Personnel Costs</b>	\$ 1,341,924	\$ 341,506	\$ 1,000,418	74.6%

Salary Study Proposed Increase	\$ 15,000
FICA	\$ 1,148
VRS Ret	\$ 1,128
VRS Life	\$ 179
	<u>\$ 17,454</u>

Landfill Operating and Maintenance Expenses  
Schedule 4

Account	Operations and Maintenance Cost Type	FY 15 Budget	Actuals Through 9/30/14	Diff Between Budget & Actual-FY 15	% Budget Remaining-FY 15
	Contractual Services				
43166	Software support-Paradigm	\$ 10,000	\$ 6,271	\$ 3,729	37%
43321	Communications M&R Service/Radio	\$ 8,000	\$ 11,664	\$ (3,664)	-46%
43313	Building M & R Services	\$ 2,000	\$ 1,790	\$ 210	11%
43171	Site Maintenance-Lynchburg	\$ 5,000	\$ 525	\$ 4,475	90%
43172	Site Maintenance-Campbell	\$ 10,000	\$ 1,503	\$ 8,497	85%
43170	Sedimentation Basin Cleaning	\$ -	\$ -	\$ -	0%
43169	Janitorial Services	\$ 7,800	\$ 1,300	\$ 6,500	83%
43110	Med/Dental/Pharm/Lab Services	\$ -	\$ -	\$ -	0%
43150	Legal Services	\$ 30,000	\$ 7,524	\$ 22,476	75%
43120	Accounting and auditing service	\$ 7,000	\$ -	\$ 7,000	100%
43140	Engineering/Monitoring Services-Lynchburg	\$ 35,000	\$ 6,185	\$ 28,815	82%
43140a	Engineering/Monitoring Services-Campbell	\$ 65,000	\$ 9,247	\$ 55,753	86%
43141	Professional Consulting Service	\$ -	\$ -	\$ -	0%
43160	Environmental Lab Services-Lynchburg	\$ 15,000	\$ 2,874	\$ 12,126	81%
43160a	Environmental Lab Services-Campbell	\$ 15,000	\$ 3,204	\$ 11,796	79%
43200	Temporary Help Service Fees	\$ 20,000	\$ 3,853	\$ 16,147	81%
43600	Advertising	\$ 10,000	\$ 1,190	\$ 8,810	88%
43176	Software Purchases-Other	\$ 5,000	\$ -	\$ 5,000	100%
43167	Pest Control services	\$ 1,200	\$ 240	\$ 960	80%
43168	Investigative Services	\$ 100	\$ -	\$ 100	100%
46011	Uniform Rental Services	\$ 12,000	\$ 3,096	\$ 8,904	74%
43161	Tire Shredding Services	\$ 5,000	\$ 946	\$ 4,054	81%
43165	Misc Contractual Services	\$ 1,000	\$ 3,410	\$ (2,410)	-241%
43177	Creation and Maintenance of a web site	\$ 5,000	\$ 384	\$ 4,616	92%
42850	Employee Med Exp-drug tests, ph	\$ 2,000	\$ -	\$ 2,000	100%
46031	Heavy Equipment-Outside Repair	\$ 50,000	\$ 12,642	\$ 37,358	75%
43173	Mechanical M&R Services	\$ 5,000	\$ -	\$ 5,000	100%
43175	Software support-City of Lynchb	\$ -	\$ -	\$ -	0%
43121	Payroll support services	\$ 12,000	\$ -	\$ 12,000	100%
46017	Software Maint Contract-Accounting	\$ 800	\$ -	\$ 800	100%
43162	HHW Disposal	\$ -	\$ 94	\$ (94)	0%
43163	Wood Waste Grinding	\$ 10,000	\$ -	\$ 10,000	100%
	Contractual Services Subtotal	\$ 348,900	\$ 77,942	\$ 270,958	78%
	Supplies & Materials				
46001	Office Supplies/Audio Visual Supplies	\$ 8,400	\$ 1,018	\$ 7,382	88%
46002	Forms & Stationary	\$ 1,500	\$ -	\$ 1,500	100%
46005	Custodial Supplies	\$ 4,000	\$ 73	\$ 3,927	98%
46033	Apparel/Protective Wear/Personal Protective Equipment	\$ 5,000	\$ 1,912	\$ 3,088	62%
46012	Books & Publications	\$ -	\$ -	\$ -	0%
46013	Subscriptions	\$ 1,000	\$ -	\$ 1,000	100%
46018	Safety Supplies	\$ 5,000	\$ 1,748	\$ 3,252	65%
46019	Awards & Recognitions	\$ 1,500	\$ -	\$ 1,500	100%
46020	Grounds Maintenance Supplies	\$ 20,000	\$ -	\$ 20,000	100%
46026	Food & Dietary Supplies	\$ 1,000	\$ 29	\$ 971	97%
46022	Minor Equipment-Tools	\$ 5,000	\$ 1,024	\$ 3,976	80%
46021	Chemicals/gases	\$ 1,000	\$ 65	\$ 935	93%
43310	R & M- Office	\$ -	\$ -	\$ -	0%
46009	Vehicle M&R Equipment Parts	\$ 150,000	\$ 44,114	\$ 105,886	71%
46007	R&M Supplies-Building	\$ 5,000	\$ -	\$ 5,000	100%
43312	R & M-Mechanical-Materials	\$ 1,000	\$ -	\$ 1,000	100%
46032	Communications M & R Materials	\$ 2,500	\$ -	\$ 2,500	100%
46025	Haul Road M&R Materials	\$ 110,000	\$ 12,485	\$ 97,515	89%
46027	Daily Cover/Posi-Shell	\$ 110,000	\$ 32,881	\$ 77,119	70%
46034	Side Slope Soil Cover-Concord Turnpike	\$ -	\$ -	\$ -	0%
45210	Postal Services	\$ 2,000	\$ 211	\$ 1,789	89%
45220	Messenger Services	\$ 200	\$ -	\$ 200	100%
43500	Printing & Binding	\$ 1,000	\$ -	\$ 1,000	100%
46035	Shop Supplies	\$ 5,000	\$ 1,445	\$ 3,555	71%
42820	Education-Tuition Assistance	\$ 5,000	\$ -	\$ 5,000	100%
46023	Computer Materials & Repair	\$ 13,000	\$ 2,504	\$ 10,496	81%
46024	Mechanical M&R Materials	\$ -	\$ -	\$ -	0%
	Supplies & Materials Subtotal	\$ 458,100	\$ 99,508	\$ 358,592	78%

**Landfill Operating and Maintenance Expenses  
Schedule 4**

Attachment 2

Account	Operations and Maintenance Cost Type	FY 15 Budget	Actuals Through 9/30/14	Diff Between Budget & Actual-FY 15	% Budget Remaining-FY 15
	<b>Gas/Diesel Fuel/Oil &amp; Grease</b>	\$ 350,000		\$ 350,000	
46008	Vehicle & Equipt Fuel-Diesel	\$ -	\$ 63,080	\$ (63,080)	0%
46028	Vehicle & Equipt Fuel-Gasoline	\$ -	\$ 2,667	\$ (2,667)	0%
46029	Vehicle & Equipt/Oil & Grease	\$ -	\$ 4,530	\$ (4,530)	0%
	<b>Gas/Diesel Fuel/Oil &amp; Grease Subtotal</b>	\$ 350,000	\$ 70,277	\$ 279,723	80%
	<b>Rentals &amp; Leases</b>				
45410	Lease/Rent of Equipment-Office (Copier/postal meter)	\$ 7,000	\$ 1,212	\$ 5,788	83%
45411	Lease/Rent of Equipment-Landfill	\$ 5,000	\$ 725	\$ 4,275	85%
45420	Lease/Rent of Buildings	\$ -	\$ 150	\$ (150)	0%
	<b>Rentals &amp; Leases Subtotal</b>	\$ 12,000	\$ 2,087	\$ 9,913	83%
	<b>Utilities &amp; Natural Gas</b>				
45230	Telephone/Internet	\$ 18,000	\$ 4,368	\$ 13,632	76%
45110	Electrical Services	\$ 15,000	\$ 2,541	\$ 12,459	83%
45130	Water & Sewer	\$ 6,000	\$ 1,929	\$ 4,071	68%
45120	Utilities - Propane Gas	\$ -	\$ -	\$ -	0%
45231	Cellular Services & Pager	\$ 2,000	\$ 210	\$ 1,790	90%
45121	Utilities - Natural Gas	\$ -	\$ -	\$ -	0%
	<b>Utilities &amp; Natural Gas Subtotal</b>	\$ 41,000	\$ 9,048	\$ 31,952	78%
	<b>Travel &amp; Training</b>				
45500	Travel & Training	\$ 5,000	\$ -	\$ 5,000	100%
45510	Travel Mileage-Personal Vehicle	\$ -	\$ 45	\$ (45)	0%
45520	Travel-Public Carriers	\$ -	\$ -	\$ -	0%
45530	Travel-Subsistence & Lodging	\$ -	\$ 1,106	\$ (1,106)	0%
45540	Travel-Convention & Education	\$ -	\$ 539	\$ (539)	0%
46014	On-Site Training	\$ 5,000	\$ -	\$ 5,000	100%
	<b>Travel &amp; Training Subtotal</b>	\$ 10,000	\$ 1,689	\$ 8,311	83%
	<b>Miscellaneous</b>				
45800	Miscellaneous	\$ 3,500	\$ 2,175	\$ 1,325	38%
45810	Dues and Assoc Membership-Misc	\$ 1,800	\$ 1,264	\$ 536	30%
45801	Bank Service Charges	\$ 3,600	\$ 717	\$ 2,883	80%
45802	Cash Overage and Shortage	\$ -	\$ -	\$ -	0%
45803	Finance Charges paid to vendors	\$ -	\$ 3	\$ (3)	0%
45804	Bad Debt Expense	\$ 3,000	\$ -	\$ 3,000	100%
46030	Fleet Services Internal Charges-Mgt	\$ -	\$ -	\$ -	0%
45840	VDEQ landfill fee - Misc	\$ 38,000	\$ 25,476	\$ 12,524	33%
	<b>Misc Expenses Subtotal</b>	\$ 49,900	\$ 29,636	\$ 20,264	41%
	<b>Payments to Other Entities</b>				
43164	Leachate Treatment-Concord Turnpike	\$ 13,000	\$ 297	\$ 12,703	98%
43164a	Leachate Treatment-Campbell	\$ 15,000	\$ -	\$ 15,000	100%
	<b>Insurance</b>				
45308	General Liability insurance	\$ 50,000	\$ 48,595	\$ 1,405	3%
	<b>Payments to Other Entities Subtotal</b>	\$ 78,000	\$ 48,892	\$ 29,108	37%
	<b>Sub-Total SA O &amp; M Expenses</b>	\$ 1,347,900	\$ 339,079	\$ 1,008,821	75%
	<b>Reimbursable O &amp; M Expenses (see Reimbursable Schedule for Detail)</b>	\$ 196,400	\$ 13,875	\$ 182,525	93%
	<b>Grand Total Operations and Maintenance Cost</b>	\$ 1,544,300	\$ 352,955	\$ 1,191,345	77%

Account	Operations and Maintenance Cost Type	FY 14 Budget	Actuals Through 9/30/14	Diff Between Budget & Actual-FY 15	% Budget Remaining-FY 15
<b>Reimbursable Landfill O &amp; M Expenses</b>					
<b>City of Lynchburg</b>					
43140	Engineering/Monitoring Services	\$ 55,000	\$ 9,064	\$ 45,936	83.5%
43160	Environmental Lab Services	\$ 15,400	\$ 1,490	\$ 13,910	90.3%
43161	Tire shredding	\$ -	\$ -	\$ -	0.0%
43162	HHW Disposal	\$ 27,500	\$ -	\$ 27,500	100.0%
43163	Wood Waste Grinding	\$ 40,000	\$ -	\$ 40,000	100.0%
43164	Leachate Treatment	\$ -	\$ -	\$ -	0.0%
City of Lynchburg Subtotal		\$ 137,900	\$ 10,554	\$ 127,346	92.3%
<b>Amherst County</b>					
43162	HHW Disposal	\$ -	\$ -	\$ -	0.0%
<b>Nelson County</b>					
43162	HHW Disposal	\$ -	\$ -	\$ -	0.0%
<b>Appomattox County</b>					
43162	HHW Disposal	\$ -	\$ -	\$ -	0.0%
<b>Campbell County</b>					
43140a	Engineering/Monitoring/Remediation Services	\$ 22,000	\$ 2,276	\$ 19,724	89.7%
43160a	Environmental Lab Services	\$ 11,000	\$ 1,045	\$ 9,955	90.5%
43161	Tire shredding	\$ -	\$ -	\$ -	0.0%
43162	HHW Disposal	\$ 5,500	\$ -	\$ 5,500	100.0%
43163	Wood Waste Grinding	\$ 15,000	\$ -	\$ 15,000	100.0%
43164a	Leachate Treatment	\$ 5,000	\$ -	\$ 5,000	100.0%
Campbell County Subtotal		\$ 58,500	\$ 3,321	\$ 55,179	94.3%
<b>Reimbursable Landfill O &amp; M Expenses</b>		<b>\$ 196,400</b>	<b>\$ 13,875</b>	<b>\$ 182,525</b>	<b>92.9%</b>
<b>Reimbursable Landfill Personnel Costs</b>					
<b>City of Lynchburg</b>					
Concord Turnpike Personnel Costs		\$ 32,843	\$ 5,630	\$ 27,213	82.9%
Recycling Program Manager Salary & Benefits		\$ 27,160	\$ 6,580	\$ 20,580	75.8%
City of Lynchburg Subtotal		\$ 60,003	\$ 12,210	\$ 47,793	79.7%
<b>Campbell County</b>					
Environmental Compliance & Safety		\$ 20,000	\$ -	\$ 20,000	100.0%
Recycling Program Manager Salary & Benefits		\$ 27,160	\$ 6,580	\$ 20,580	75.8%
Campbell County Subtotal		\$ 47,160	\$ 6,580	\$ 40,580	86.0%
<b>Reimbursable Landfill Personnel Costs</b>		<b>\$ 107,163</b>	<b>\$ 18,789</b>	<b>\$ 88,374</b>	<b>82.5%</b>

## Region 2000 Services Authority Balance Sheet

Assets	9/30/2014		
<b>Cash - 2011 Bond Funds</b>			
Cash-US Bank-Bond Balance	\$	-	
Cash-US Bank-Bond Fund Payments	\$	350,331.37	
Total 2011 Bond Funds	\$	350,331.37	
<b>Cash - Closure/Post-Closure</b>			
Cash -SunTrust Closure/Post-Closure	\$	1,810,538.54	58.7%
Certificates of Deposit Total	\$	1,273,359.00	41.3%
Total Lynchburg Contribution C/PC Concord Tpk	\$	3,083,897.54	
LGIP-Concord Tpk - SA Contribution C/PC	\$	2,609,931.82	
Total Closure/PC - Concord Tpk	\$	5,693,829.36	
<b>LGIP-Livestock Road - Purchased Contribution C/PC</b>			
LGIP-Livestock Road - SA Contribution C/PC thru 4Q FY13	\$	2,596,137.30	
Total Closure/PC - Livestock Rd	\$	701,189.66	
Total Closure/Post Closure	\$	3,297,326.96	
<b>Cash-SunTrust Operating Account</b>			
SunTrust Operating Account-Unrestricted	\$	(354,708.91)	-11.7%
City of Lynchburg Asset Reduction Payment Amount	\$	156,171.80	5.2%
Excess Revenue (FY2015 )	\$	369,222.00	12.2%
Environmental Rem Reserve Cash (FY2014)	\$	62,500.00	2.1%
Equip Replace Reserve Cash (Since inception)	\$	449,922.69	14.9%
Close/Post-Close Res Cur Year Cash (FY14 + 1Q FY15)	\$	978,674.00	32.4%
Debt Service Reserve Cash (FY2013)	\$	67,000.00	2.2%
O & M Reserve Cash (FY2012 + FY2013 + FY2014+FY2015)	\$	1,294,137.00	42.8%
Total SunTrust Operating Account	\$	3,022,918.58	100.0%
<b>LGIP-Environmental Remediation &amp; Future Planning Reserves - FY2009 thru FY2013</b>			
Total Cash and CDs & LGIP	\$	402,858.80	
<b>All Receivables for Operations</b>			
Receivable from City for True-up	\$	721,862.17	
Prepaid Expenses	\$	2,315,238.79	
All Fixed Assets in service-less depreciation	\$	-	
Construction in Progress - LR projects	\$	10,438,976.25	
	\$	431,114.45	
<b>Total Assets</b>	<b>\$</b>	<b>26,674,456.73</b>	
<b>Liabilities</b>			
Accounts Payable	\$	129,283.93	
Accrued OPEB Liabilities	\$	202,669.08	
Accrued Interest Payable	\$	168,887.71	
Accrued Vacation Pay	\$	95,453.10	
Total Current Liabilities	\$	596,293.82	
<b>Accrued Closure-P/C Cost-Concord Tpk - City of Lynchburg</b>			
Accrued Closure-P/C Cost-Concord Tpk - SA	\$	5,304,217.59	
Accrued Closure-P/C Cost-Livestock Road	\$	2,598,059.59	
	\$	4,554,550.91	
Total Closure/Post-Closure	\$	12,456,828.09	
<b>Debt</b>			
2011 Bond Payable	\$	8,072,000.00	
<b>Total Liabilities</b>	<b>\$</b>	<b>21,125,121.91</b>	
<b>Reserves</b>			
Restricted - Debt Service Reserve	\$	67,000.00	
Restricted - Environmental Remediation Reserve	\$	300,000.00	
Restricted - Equipment Replacement Reserve	\$	384,571.99	
Restricted - Future Disposal Planning Reserve	\$	132,726.60	
Restricted - O & M Reserve	\$	1,270,294.00	
Total Reserves	\$	2,154,592.59	
Fund Balance		\$3,394,742.23	
<b>Total Liabilities &amp; Equity</b>	<b>\$</b>	<b>26,674,456.73</b>	



# COUNTY OF CAMPBELL

## COMMUNITY DEVELOPMENT

PO Box 100  
85 Carden Lane  
Rustburg VA 24588

### Project Evaluation Committee (PEC) Application

Project Name \_\_\_\_\_

Project Location \_\_\_\_\_

Tax Map ID Nos. \_\_\_\_\_

Project description

Site Plan     Subdivision Plat

Requires approval for:

- Rezoning
- Variance
- Special Use Permit
- Street or Alley Vacation
- Extension of Public Utilities

Applicant, Firm \_\_\_\_\_

Address \_\_\_\_\_

City/State/Zip \_\_\_\_\_

Phone \_\_\_\_\_ Email \_\_\_\_\_

Please submit the following:

#### Campbell County Zoning Office

1. Completed application form
2. Check for \$100 to *Treasurer, Campbell County*
3. Plan/Plat (3 complete sets + PDF files)

PO Box 100, Rustburg, VA 24588  
85 Carden Lane, Rustburg, VA 24588  
[Zoning@CampbellCountyVA.gov](mailto:Zoning@CampbellCountyVA.gov)

#### VDOT, Area Land Use Engineer

1. Plan/Plat (1 complete set)

4219 Campbell Ave., Lynchburg, VA 24501

**ATTACHMENT 1**  
**REGION 2000 SERVICES AUTHORITY**  
**REZONING AND SPECIAL USE PERMIT**  
**PROJECT DESCRIPTION**

**A. BACKGROUND**

The Campbell County Landfill was originally permitted as Permit 285 in 1979 for Phase II with a major amendment approved in 1993 for Phases III and IV. Phase II is closed, Phase III operational, and Phase IV not yet constructed. Figure 1 included in Attachment 1 illustrates the original permit layout. The total landfill facility boundary was 155 acres of which 74 acres was permitted for fill. The remaining acreage not included for the landfill fill operations, is used for offices, scales, storm water management, roads, leachate management, borrow areas and regulatory buffers. Thus landfill disposal area is approximately 50% of the total acreage required for the landfill operations.

Phase II and a portion of Phase III were operated by the County and received solid waste generated within the County until June 2008. When receiving only Campbell County tonnage, the landfill received approximately 48,700 tons per year in 2007. The Region 2000 Services Authority now operates the landfill and is owner of the Phase III and Phase IV property. With this transition, the facility could now receive on average 256,000 tons per year. The transition is discussed below.

In 2008, the Region 2000 Services Authority (Authority) officially became the oversight body for solid waste management for a region including the City of Lynchburg, the City of Bedford, and the Counties of Appomattox, Campbell and Nelson. The Member Use Agreement indicated that the Authority would purchase the Lynchburg Landfill (Concord Turnpike Landfill – Permit 558) and the Campbell County Landfill (Permit 285). The Authority would operate the Lynchburg facility until full at which time it would move its operations to the Campbell County facility. The purchase of the Campbell County Landfill required a permit amendment to separate the ownership of the Phase II facility from the remaining landfill property. The Phase III and Phase IV landfill areas including leachate management and infrastructure are permitted as Permit 610. Phase II remains as Permit 285. Without modification, the existing permitted landfill phases have a remaining capacity that would last the Authority through 2020 – 2021.

Given the increased tonnage to the landfill and limited capacity in the originally permitted facility, the Authority began to consider options for its future operations in 2010. The initial option considered and under implementation was to maximize the air capacity in the existing permitted facility by combining the Phase III and Phase IV areas together into one disposal unit. The permit application for this was filed with the Virginia Department of Environmental Quality in September 2014. With approval of this expansion, the Authority should have sufficient capacity to continue operations through 2027. (See Figure \_\_)

**B. SOUTHERN LANDFILL EXPANSION**

To continue operation in generally the same location and to take advantage of the newly construction infrastructure after the initial expansion, the Authority also considered the expansion

of the Permit 610 on to property to the south of the existing landfill after the existing landfill reaches capacity in 2027. The southern property (sometimes referred to as the Bennett Property), was purchased by the Region 2000 Services Authority to provide soils for landfill construction, closure and operation and to provide staging areas for construction in particular areas for stockpiles and vegetative debris management. With the purchase of this property, comes the added opportunity for the southern expansion. (See Figure \_\_). Based on preliminary concepts the expansion into this site will add an additional 50 – 60 years of landfill life to the Authority.

Based on discussions with the Campbell County Community Development, the Authority understands that the Bennett property (Tax parcel \_\_\_\_\_) must be rezoned for landfill expansion and a special use permit obtained. The Authority is subdividing the Bennett property which consists of approximately 350 acres leaving the southern property (141 acres) as agricultural (A-1) and will rezone the northern property (206 acres) as Industrial- Heavy (I-H).

### **C. VDEQ PERMIT REQUIREMENTS**

The Authority has enlisted the services of Draper Aden Associates to develop a conceptual plan for such an expansion. The final design of a landfill is a function of regulatory setbacks, the subsurface conditions and final engineering design. Permitting is a three phase process consisting of the Notice of Intent to VDEQ that a permit modification will be filed for an expansion said notification to include local government approval of the expansion and its land use ordinances, the Part A hydrogeologic evaluation and the Part B engineering design.

Under the VDEQ regulations (9VAC20-81-120), the following setbacks are required in conjunction with or in addition to any imposed by the local community:

*C. Restrictions (distances are to be measured in the horizontal plane).*

*1. No disposal unit or leachate storage unit shall be closer than:*

*a. 200 feet from any residence, school, daycare center, hospital, nursing home, or recreational park area in existence at the time of application;*

*b. 100 feet from any perennial stream or river;*

*c. 50 feet from the facility boundary;*

*d. 500 feet from any well, spring, or other groundwater source of drinking water in existence at the time of application; and*

*e. 1,000 feet from the nearest edge of the right-of-way of any interstate or primary highway or 500 feet from the nearest edge of the right-of-way of any other highway or city street, except the following:*



*(1) Units that are screened by natural objects, plantings, fences, or other means so as to minimize the visibility from the main-traveled way of the highway or city street, or otherwise removed from sight;*

*(2) Units that are located in areas that are zoned for industrial use under authority of state law or in unzoned industrial areas as determined by the Commonwealth Transportation Board; or*

*(3) Units that are not visible from the main-traveled way of the highway or city street.*

*2. No new landfill shall be constructed in any park or recreational area, wildlife management area, or area designated by the federal or state agency as the critical habitat of any endangered species.*

*3. Sanitary landfills.*

*a. No new sanitary landfill area shall be constructed:*

*(1) Within a one mile upgradient of any existing surface or groundwater public water supply intake or reservoir;*

*(2) Within three miles upgradient of any existing surface or groundwater public water supply intake or reservoir except as allowed under the provisions of § [10.1-1408.4 B 3](#) of the Code of Virginia;*

*(3) In any area vulnerable to flooding resulting from dam failures;*

*(4) Over a sinkhole or less than 100 feet over a solution cavern associated with karst topography; or*

*(5) Over a fault that has had displacement in Holocene time.*

*b. No new sanitary landfill or expansion of an existing sanitary landfill shall be constructed:*

*(1) Within 200 feet of a fault that has had displacement in Holocene time unless the owner or operator demonstrates to the director that an alternative setback distance of less than 200 feet will prevent damage to the structural integrity of the facility and will be protective of human health and the environment; or*

*(2) Within seismic impact zones, unless the owner or operator demonstrates to the director that all containment structures, including liners, leachate collection systems, and surface water control systems, are designed to resist the maximum horizontal acceleration in lithified earth material for the site.*

During the Part A application process with VDEQ these setbacks must be addressed during the permitting process.

The attached Figure \_\_\_\_ illustrates the current concept site plan for the landfill with final configurations dependent on final design. The VDEQ recognizes three key boundaries in landfill permitting as follows:

***"Disposal unit boundary" or "DUB"** means the vertical plane located at the edge of the waste disposal unit. This vertical plane extends down into the uppermost aquifer. The DUB must be positioned within or coincident to the waste management boundary.*

***"Facility boundary"** means the boundary of the solid waste management facility. For landfills, this boundary encompasses the waste management boundary and all ancillary activities including, but not limited to scales, groundwater monitoring wells, gas monitoring probes, and maintenance facilities as identified in the facility's permit application. For facilities with a permit-by-rule (PBR) the facility boundary is the boundary of the property where the permit-by-rule activity occurs. For unpermitted solid waste management facilities, the facility boundary is the boundary of the property line where the solid waste is located.*

***"Waste management boundary"** means the vertical plane located at the boundary line of the area approved in the Part A application for the disposal of solid waste and storage of leachate. This vertical plane extends down into the uppermost aquifer and is within the facility boundary.*

These are identified on the attached figure.

Further reference is made to the design and operational requirements as outlined in the Virginia Solid Waste Management Regulations (9VAC20-81)

#### **D. SUMMARY**

The Authority has reviewed the Industrial-Heavy (Sec.22-15) Minimum Lot Requirements, and has concluded that the VDEQ setbacks and siting restrictions are generally similar to or more restrictive than those included in the Campbell County zoning ordinance for Industrial. The Authority has determined however that it will use a 100' setback from its property boundaries.

Continued use of this property is a cost effective option for solid waste disposal to the Authority's members which includes Campbell County. Relocation of a landfill to another area of the County or the construction of a transfer station or other waste handling system would cost significantly more than continued use of the infrastructure and purchased property owned by the Authority.



## Memorandum

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Date: October 14, 2014

To: Clarke Gibson – Region 2000 Services Authority

From: Scott Pasternak, Seth Cunningham – Burns & McDonnell

CC: Lynn Klappich – Draper Aden Associates (DAA)

Subject: Evaluation of Host Fee for Campbell County

The purpose of this memo is to review options for the Region 2000 Services Authority (Authority) with regard to paying Campbell County (Campbell) a host fee, once the volume of the Livestock Rd landfill originally transferred to the Authority is filled. Campbell and the City of Lynchburg (Lynchburg) transferred a defined amount of permitted airspace to the Authority as part of the formation of the Authority starting July 1, 2008. In addition to the upfront payment made by the Authority to Campbell and Lynchburg for landfill assets, the Authority has also paid Campbell and Lynchburg a proportional allocation of excess revenues based on the percent of the total airspace each transferred to the Authority. The excess revenue payment was intended to compensate Campbell and Lynchburg for revenue it would have generated from that airspace. Once all of the airspace that the Lynchburg and Campbell transferred to the Authority is utilized from ongoing disposal operations, the existing excess revenue arrangement, as set forth in the Member Use Agreement, will cease.

In order to provide longer term disposal capacity for its member jurisdictions, the Authority has evaluated options for extending the life of the Livestock Road landfill. The host fee is a mechanism to compensate Campbell for the Authority's continued use of the Livestock Road landfill location for regional disposal once the excess revenue payments cease.

This memo utilizes the host fee benchmarking work completed by current Burns & McDonnell project team members working during their employment at R. W. Beck and SAIC. The results of the host fee benchmarking, as well as some updated information, are included in this memo, and also compared to the excess revenue amounts the Authority has historically paid Campbell.

### **HISTORICAL TONNAGE**

Table 1 on the following page shows the tonnages accepted during fiscal years (FY) 2009 through 2014, and the amount budgeted for FY 2015. In addition to the "revenue tonnage," which represents paying landfill customers, there is also some amount of inert material accepted each year at the landfill for no charge, which is primarily utilized as part of the landfill operations without being disposed and consuming available airspace. The calculations of host fee revenue later in this memo are based on the revenue tonnage and not the total tonnage.

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## Memorandum *(continued)*

October 14, 2014

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**Table 1 – Historical Tonnage at Authority Landfills**

	Actual FY 2009	Actual FY 2010	Actual FY 2011	Actual FY 2012	Actual FY 2013	Actual FY 2014	Budgeted FY 2015
Member Jurisdictions							
Lynchburg	44,920	48,527	48,858	43,647	39,540	40,238	38,747
Campbell	19,788	21,482	21,277	20,942	20,534	20,686	20,222
Nelson	9,717	10,157	9,622	9,053	8,840	9,758	8,804
Appomattox	7,137	6,369	5,928	5,767	5,353	5,300	5,280
Bedford	3,271	3,202	5,571	4,342	3,389	0	0
Subtotal - Member Jurisdictions	84,833	89,737	91,256	83,751	77,656	75,982	73,053
Other Revenue Tonnage							
Lynchburg Contracts	30,483	40,578	25,807	29,983	28,137	25,704	29,362
Market Rate	103,775	105,667	98,562	107,375	136,263	102,738	102,932
Subtotal - Other Revenue Tonnage	134,258	146,245	124,369	137,358	164,400	128,442	132,294
<b>Subtotal - Revenue Tonnage</b>	<b>219,091</b>	<b>235,982</b>	<b>215,625</b>	<b>221,109</b>	<b>242,056</b>	<b>204,424</b>	<b>205,347</b>
No Charge Tonnage	9,520	12,549	20,061	17,717	24,303	11,821	13,119
<b>Total Tonnage</b>	<b>228,611</b>	<b>248,531</b>	<b>235,686</b>	<b>238,826</b>	<b>266,359</b>	<b>216,245</b>	<b>218,466</b>

## LIVESTOCK ROAD LANDFILL CAPACITY

Draper Aden Associates (DAA) developed a memorandum that was distributed on April 1, 2011 that addressed the landfill volumes at the Livestock Road landfill. That memorandum is considered the reference document for airspace transferred by Campbell to the Authority. Table 2 below summarizes the capacity information contained in that letter.

**Table 2 – Capacity Transferred to Authority**

Phase	Capacity (Cubic Yards)
Total Phase III	2,341,243
Phase III Consumed by Campbell County <sup>1</sup>	(985,033)
Total Phase IV	1,448,485
<b>Total Capacity Transferred to the Authority</b>	<b>2,804,695</b>

1. Based on waste received through August 2008

Based on the analysis presented by DAA, Campbell County transferred 2,804,695 cubic yards of capacity to the Authority. DAA estimated that the Authority would consume this airspace from



## Memorandum *(continued)*

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its disposal operations by FY 2021. However, this projection will vary based on the amount of tonnage accepted at the landfill, the compaction rate of the waste, and other factors. Therefore the year is only an estimate that will need to be revised over time.

The reason this year (FY 2021) is significant is because it represents the estimated year when all of the capacity originally transferred by Campbell and Lynchburg is fully consumed. Therefore, all disposal operations that occur after this date are because of initiatives led by the Authority. In approximately FY 2021, the Authority will discontinue excess revenue payments to Campbell and Lynchburg and begin another, separate compensation arrangement with Campbell.

### HISTORICAL EXCESS REVENUE PAYMENTS

Table 3 shows the excess revenue payments made to both Campbell and the Lynchburg from FY 2009 through FY 2014, plus the budgeted payments for FY 2015.

The total annual excess revenue payment is based on revenues from market rate and contract customers less the cost of service for disposal.<sup>1</sup> The total annual excess revenue payment is then allocated in proportion to the percent of total airspace transferred by each of these two entities. The percent allocation was revised for FY 2011 and beyond based on a recalculation of the airspace transferred by the City of Lynchburg.

The payment to Campbell for FY 2014 is \$802,978.

**Table 3 – Historical Distribution of Excess Revenues**

Status	Year	Campbell County		City of Lynchburg		Total
		Amount Paid	Percent	Amount Paid	Percent	
Actual	FY 2009	\$900,635	62.2%	\$547,331	37.8%	\$1,447,966
Actual	FY 2010	\$994,352	62.2%	\$604,284	37.8%	\$1,598,636
Actual	FY 2011	\$686,467	69.4%	\$302,678	30.6%	\$989,145
Actual	FY 2012	\$656,120	69.4%	\$289,298	30.6%	\$945,418
Actual	FY 2013	\$823,993	69.4%	\$363,317	30.6%	\$1,187,310
Actual	FY 2014	\$802,978	69.4%	\$354,051	30.6%	\$1,157,029
Budgeted	FY 2015	\$862,061	69.4%	\$380,102	30.6%	\$1,242,163
Average		\$818,087		\$405,866		\$1,223,952

<sup>1</sup> Cost of service includes all operational costs, debt service payments, and reserve contributions.



## Memorandum *(continued)*

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### HOST FEE BENCHMARKING

Members of the Burns & McDonnell project team, as part of R. W. Beck/SAIC, completed a benchmarking of host fees in January 2011. The typical host fee reported in that benchmarking was in the range of \$0.75 to \$2.50 per ton. Burns & McDonnell updated the benchmarking by contacting several of the entities that reported a host fee in 2011 and confirming the current host fee amount. The entities and host fees, shown on a per-ton basis, are as follows:

- Henrico County, VA - \$2.50 per ton
- Roanoke County, VA - \$2.00 per ton<sup>2</sup>
- Gloucester County, VA - \$0.78 per ton
- Lunenburg County, VA - \$1.00 per ton

In addition, the following host fee data was gathered from information reported to the Virginia Department of Environmental Quality (VDEQ) through their Solid Waste Information and Assessment (SWIA) Program. The list below provides the name of the landfill and the amount paid to the host community for the 2013 calendar year:

- Amelia Landfill - \$2.29 per ton
- Charles City Landfill - \$4.65 per ton
- King George Landfill - \$4.78 per ton
- Atlantic Waste Disposal Landfill - \$3.88 per ton
- Bethel Landfill - \$1.85 per ton

The amount of host fees paid varies based on a number of factors and each situation is unique. Based on the information presented, the average host fee is \$2.64 per ton.

### HOST FEE OPTIONS

The host fee will only apply when the original capacity transferred by Campbell is consumed, which is approximately FY 2021. However, for the purposes of this memo, the host fee is discussed based on FY 2014 dollars and tonnages. The volume gained from the lateral expansion currently approved by Campbell will be subject to a host fee. The lateral expansion is expected to add five to six years of disposal capacity at the Livestock Road landfill.

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<sup>2</sup> The host fee paid to Roanoke County, VA is paid on a lump sum basis, but equates to approximately \$2.00 per ton.



## Memorandum *(continued)*

October 14, 2014

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The Authority has several options to consider with regard to the amount of the host fee paid to Campbell County. The two primary options are:

1. A host fee based on the benchmarked data, with a range of \$0.78 to \$4.78 per ton and average of \$2.64 per ton.
2. A host fee based on historical excess revenue payment, or the per-ton equivalent of \$4.00<sup>3</sup>

The Authority also has several options regarding how the host fee is paid. While a per-ton fee is a common approach and allows easier comparison between different communities, the Authority could also consider an annual lump sum payment or a host fee based on a percent of revenue.

### Typical Host Fee

Using the 2014 tonnage of 204,424 from Table 1, and an average host fee of \$2.64 per ton, Burns & McDonnell calculated a total host fee of \$539,679, if a host fee had been in place for FY 2014.

**Table 4 –Host Fees based on Average of Benchmarks**

Description	Average Host Fee
Average Host Fee per ton	\$2.64
FY 2014 Tonnage	204,424
Total Host Fee using FY 2014 Tonnage	\$539,679

### Historical Excess Revenue

Table 5 shows the average excess revenue payment from Table 3 and calculates the equivalent per-ton payment as a comparison to the average host fees from Table 4.

**Table 5 – Host Fee Based on Average Excess Revenue Payments**

Description	FY 2014 Amount
Average Excess Revenue Payment to Campbell	\$818,087
FY 2014 Tonnage	204,424
Host Fee per Ton	\$4.00

<sup>3</sup> While the historical excess revenue payments have not utilized a per-ton fee, Burns & McDonnell calculated an equivalent per-ton fee by dividing the historical payments by the amount of tons accepted for each fiscal year.



## Memorandum *(continued)*

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### **IMPACT ON TIPPING FEES**

In approximately FY 2021, the airspace transferred to the Authority from Lynchburg and Campbell will be fully utilized. At that time the Authority will stop making the excess revenue payments, which have averaged \$1.2 million dollars since the formation of the Authority (see Table 3). The Authority will instead begin paying a host fee to Campbell in exchange for expanding the Livestock Road landfill and continuing to use it as the regional landfill site.

Based on current operations and planned capital improvements, the impact to the tipping fee for member communities should be minimized despite the implementation of the host fee.

If the Authority continues to utilize the Livestock Road landfill for regional disposal operations, it will need to make additional investments in land, landfill development, and other infrastructure improvements. The approximately \$400,000 per year that has historically been paid to Lynchburg can then be utilized by the Authority to offset these investments at the landfill, as well as other ongoing operational expenses.



### REGION 2000 REGIONAL LANDFILL AVERAGE TONS PER MONTH GENERATING REVENUE

FY 2014  
FY 2015

