



**Region 2000 Services Authority**  
Services Authority Offices  
361 Livestock Road  
Rustburg, Virginia 24588

**May 13, 2015**

**2:00 p.m.**

**~ A G E N D A ~**

- 1. Welcome**.....Kim Payne, *Chair*
- 2. Opportunity for Public Comment**.....Kim Payne, *Chair*
- 3. Minutes of April 22, 2015**.....Kim Payne, *Chair*
- 4. Finance Report**
  - a. Year-To Date.....  
.....Rosalie Majerus, *Region 2000 Local Government Council*
  - b. Discussion of Assignment of Excess Revenues (Host Fee).....  
.....Clarke Gibson, *Region 2000 Services Authority*
  - c. Approval of Proposed FY 16 Budget.....  
.....Clarke Gibson, *Region 2000 Services Authority*
- 5. Analysis of FAA regulations**.....Lynn Klappich, *Draper Aden Associates*
- 6. Update on Odor Control contracts**.....  
...Clarke Gibson, *Region 2000 Services Authority* and Bob Dick, *SCS Engineers*
- 7. Purchase of Wetland Mitigation Credits**.....  
.....Clarke Gibson, *Region 2000 Services Authority*
- 8. Status of Lateral Expansion – DEQ – Permitting** .....  
.....Clarke Gibson, *Region 2000 Services Authority*
- 9. Vote on Amendment to the 2015 Solid Waste Management Plan**.....  
.....Lynn Klappich, *Draper Aden Associates*
- 10. Discussion regarding Long Term Strategic Planning for Regional Solid Waste Management**.....Kim Payne, *Chair*
- 11. Other Business**.....Kim Payne, *Chair*
- 12. Election of Officers for FY 16**.....Gary Christie, *Secretary*
- 13. Information Items**  
Next Meeting: July 22, 2015 – 2:00 p.m.

**Region 2000 Services Authority Board Meeting**  
361 Livestock Rd, Rustburg, Virginia 24588  
May 13, 2015 – 2:00 p.m.

~ **Working Agenda** ~

1. **Welcome**
2. **Opportunity for Public Comment**
3. **Minutes of April 22, 2015**

*(See Attachment 3 (page 5) – Minutes)*

The meeting minutes from the April 22, 2015 Board meeting or presented for your review.

**Recommended Action:** Staff recommends approval of the minutes as presented subject to edits noted and approved by the Board

4. **Finance Report**

*(See Attachment 4 (page 9) – FY15 Actuals and Proposed FY16 Budget – page 9)*

- A. **Year-to-date financial report:** Rosalie Majerus, *Deputy Director of Finance* for the Region 2000 Local Government Council, will present the year-to-date financial report as of 03/31/2015.

*No formal action required; for the Board's information, review, and discussion.*

- B. **Discussion of Assignment of Excess Revenues (Host Fees)**  
*(See Attachment 4b (page 18) – Background Information on Excess Revenue)*

- C. **Proposed FY 16 Budget:** Clarke Gibson will present the proposed FY 2016 Budget to the Board for discussion and approval.

1. No change in tipping fees from \$28.75 for members and \$38.75 for businesses; increase contract rate to \$38.00
2. Tonnages are estimated to be level and unchanged
3. Operational expenses are estimated to increase by about 2%
4. 2% employee raises included in the budget
5. Services Authority to pay additional 2% health insurance costs
6. \$162,000 in equipment replacement
7. Excess revenue up by 4.3% to \$1.3 million (96.4% Campbell – 30.6% Lynchburg)

8. Pay back \$304,462 into the internal loan; pay debt service on the 2011 and 2015 borrowings

**Recommended Action:** Staff recommends approval of the proposed FY16 budget as presented.

**5. Analysis of FAA regulations**

*(See Attachment 5 (page 20) – Letter to FAA )*

Lynn Klappich of Draper Aden Associates will speak to this matter as it pertains to landfill operations.

**6. Update on Odor Control contracts**

Mr. Bob Dick of SCS Engineers will provide an update on current and future activities regarding the contracted odor control projects.

*No formal action required; for the Board’s information, review, and discussion.*

**7. Wetland Mitigation Credits**

Staff will present bids to purchase Wetland Mitigation Credits using proceeds from the 2015 bond.

**Recommended Action:** Staff recommends approval of the purchase of Wetland Mitigation Credits using proceeds from the 2015 bond

**8. Status of Lateral Expansion – DEQ – Permitting**

*(See Attachment 8 (page 32) – Letter from DEQ dated April 28, 2015)*

Clarke Gibson will provide a status update on the lateral expansion permitting process.

**9. Vote on Amendment to the 2015 Solid Waste Management Plan**

*(See Attachments 9a (page 33) – Letter from DEQ dated March 24, 2015  
9b (page 34) – Comments from Public Hearing  
9c (page 40) – Comments received via email, USPS, or from website  
9d (page 61) – Resolution for Major Amendments to the Region 2000 Services Authority Solid Waste Management Plan)*

The Region 2000 Services Authority has been duly authorized by its members and the Virginia Department of Environmental Quality to oversee solid waste planning for the region which consists of Appomattox, Campbell and Nelson Counties and their incorporated towns and the City of Lynchburg. Under the Solid Waste Planning and Recycling Regulations (9VAC20-130), each planning unit must have an approved Solid Waste Management Plan. The original Solid

Waste Management Plan was approved by the Virginia Department of Environmental Quality on April 29, 2010.

The regulations provide for amendments to the plan. Major amendments include:

- a. Any addition, deletion, or cessation of operation of any solid waste disposal facility;
- b. Any increase in landfill capacity;
- c. Any change that moves toward implementation of a waste management strategy that is lower in the waste management hierarchy;
- d. Action plan(s), including an action plan to address a planning unit's recycling rate that has fallen below the statutory minimum; or
- e. Any change to membership in the approved area.

A Public Hearing was held on April 22, 2015 and comments are attached as Attachment 3b. Additionally, comments were also solicited from the public and accepted via email, USPS, through the Services Authority website contact portal, or in person at the Region 2000 Services Authority office. Comments received are attached as Attachment 3c.

As required by regulations, a response was provided to those who offered comments.

**Recommended Action:** Staff recommends approval of the resolution (*Attachment 3d*) for the major amendments to the regional solid waste management plan and their submission to the Virginia Department of Environmental Quality.

## **10. Discussion regarding Long Term Strategic Planning for Regional Solid Waste Management**

### **11. Other Business**

### **12. Election of Officers for FY 16**

Below is a proposed slate of officers for FY 16. Services Authority member officers serve one-year terms and may be elected for an additional year.

Aileen Ferguson, the current SA Treasurer, is scheduled to retire in July and is taking leave to finish out the fiscal year. We propose to appoint Steve Carter as Treasurer effective May 13, 2015 so the normal check signing process can continue without interruption.

Proposed FY16 officers:

- Kim Payne, *Chair*
- Frank Rogers, *Vice Chair*
- Steve Carter, *Treasurer*
- Gary Christie, *Secretary*

**Recommended Action:** Staff recommends approval of the FY 16 officers as presented with Steve Carter's term as Treasurer effective May 13, 2015.

### **13. Information Items**

Next Meeting: July 22, 2015 – 2:00 p.m.



**Region 2000 Services Authority Board Meeting**

Livestock Road Regional Landfill Office

361 Livestock Rd, Rustburg, Virginia

*Conference Room*

**April 22, 2015 - 3:00 p.m.**

**Minutes**

**Board Members Present**

Steve Carter .....	Nelson County
Kim Payne.....	City of Lynchburg
Frank Rogers.....	Campbell County
John Spencer (for Aileen Ferguson) .....	Appomattox County

**Others**

Robert Arthur.....	Region 2000
Emmie Boley .....	Region 2000
Gary Christie.....	Region 2000
Ted Cole.....	Davenport & Assoc.
Susan Cook .....	Region 2000
Bob Dick.....	SCS Engineers
Clarke Gibson .....	Region 2000
Larry Hall.....	Region 2000
Brendon Hefty.....	Hefty, Wiley, & Gore
Lynn Klappich .....	Draper Aden
Matt McLaren .....	Robinson, Farmer, Cox
Rosalie Majerus .....	Region 2000
Tim Mitchell .....	City of Lynchburg
Alvin Rucker.....	City of Lynchburg
Clif Tweedy .....	Campbell County

**1. Welcome and Approval of the January 14<sup>th</sup> Meeting Minutes**

Chairman Kim Payne welcomed everyone and opened the meeting at 2:00 p.m.

Upon a motion by John Spencer, seconded by Frank Rogers, the Authority approved the January 14<sup>th</sup> meeting minutes unanimously.

**2. Auditor Report**

Matt McLaren, of Robinson, Farmer, Cox presented the results of the 2014 audit.

A motion was made by Frank Rogers, seconded by Steve Carter, to accept the auditor's report. The motion carried unanimously.

### **3. FY 16 Budget**

Clarke Gibson presented and reviewed the final proposed budget for FY 16 in the amount of \$7,204,632. He reported that there is no change in the tipping fees for members or businesses. The two contract rates are increasing to \$38.00.

Steve Carter asked that approval be deferred to the May meeting.

### **4. Financial Report**

Rosalie Majerus reviewed the current budget report. She advised that due to the drop in fuel cost, it has been recommended that excess funds budgeted for fuel be set aside in reserve to be used when the cost of fuel increases. The amount set aside is \$73,000.

Within the operating account is additional money, \$156,000 that the City had paid for the asset reduction, and in FY 13 \$67,000 that had been set aside for debt service reserve. She suggested using these funds to help pay down the internal loan debt.

The motion was made by Frank Rogers, and seconded by John Spencer, to apply these two funds to the internal loan debt. The motion was approved unanimously.

### **5. Odor Mitigation Proposals**

- Bob Dick, of SCS Engineers, gave a presentation on odor management and landfill gas control. He reviewed two work orders, one for odor investigation, and one for surface emissions monitoring. One action of the work order for odor investigation would be to act on behalf of the Authority to identify vendors that would come in to do a demonstration test to select the appropriate application.  
A gas extraction/carbon filtering system could probably be up and running within two to three weeks. Odor demonstration would probably be about one month.
- Tim Mitchell, Director of Water Resources from the City of Lynchburg, discussed land application of sludge.
- Lynn Klappich discussed an engineering concept paper regarding the establishment of a composting facility on site. She suggested tabling this issue until the July meeting so that she can come back with a more informed proposal for composting.

Frank Rogers made a motion, seconded by Steve Carter, to appropriate \$80,000 from reserve funds for a landfill gas pilot and odor study. The motion carried unanimously.

### **6. Liberty University Student Presentation**

A group of Liberty University students gave a presentation demonstrating a wireless traffic light system to be used at the landfill. They received a very positive response from the drivers.

### **7. Discussion on a Public Comment Period**

The motion was made by John Spencer, and seconded by Frank Rogers, to adopt the Citizen Comment Policy and the Public Hearing Policy as amended (see **Attachment 1** of these minutes). The motion carried unanimously.

## **8. Public Comment Period**

Bill Carwile addressed the odor issues at the landfill.

## **9. Consideration of Bank Bids for Next Cell Development**

Ted Cole presented options for the borrowing for the next cell development. The recommendation of Davenport is to move forward with BB & T for the placement of the 2015 bond.

## **10. Approval of a Reimbursement Resolution for 2015 Borrowing**

Frank Rogers asked that the record be clear that this borrowing is needed whether or not the lateral expansion is approved.

Steve Carter made a motion, with a second by John Spencer, to approve the resolution providing for the reimbursement resolution and provide for the staff and chairman to execute the documents associated with the financing. The motion was approved unanimously.

## **11. Director's Report**

- Update on Lateral Expansion Permitting Process – two permits are needed. The Wetlands Mitigation Permit has already been received. The Solid Waste Permit Amendment also is needed.
- Wetlands Permit has been received.
- Tonnage is trending lower than last year, but is moving upward.

## **12. Election of Officers**

Election of officers was delayed until May 13th.

## **13. Setting of a special meeting to approve the Solid Waste Management Plan**

Frank Rogers made the motion, seconded by John Spencer, to hold that May 13 meeting at the Livestock Road Landfill. The motion was approved unanimously.

There being no further business, the meeting adjourned at 5:20 p.m.

The next meeting was set for May 13<sup>th</sup> at 2:00 p.m., at the Livestock Road Landfill.

## **Citizen Comment Policy**

The Region 2000 Services Authority welcomes public comments and establishes the following policies to incorporate public comments into the regular meetings.

Addition of a Citizen Comment section to the agenda:

The Services Authority shall set aside on the agenda for each regular meeting a citizen comment period of fifteen (15) minutes. Individual citizens shall 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 period with approval of a majority of its members. Citizens of the member jurisdictions and individuals who own businesses in the member jurisdictions will be allowed to address the Authority.

Citizens are encouraged to contact an appropriate member of the administrative staff or a member of the Services Authority to resolve issues prior to Council meetings. Citizens requesting to address the Services Authority must sign in prior to the beginning of the meeting.

The Chair or other presiding officer shall allocate the time among speakers in an equitable manner and by order of receipt of requests to speak. Each speaker shall be allowed to speak only once. Speakers will address the Council as a whole, not to individual members. The presiding officer shall enforce the observance of order and decorum and the rules of order.

The Chair or presiding officer may refer matters to appropriate Authority staff or members of the Council, or to an appropriate committee for further study. Any ruling by the presiding officer may be appealed to the full Authority in accordance with parliamentary procedures.

## **Public Hearings**

In the event of a scheduled public hearing, the citizen comment period will follow the public hearing and action on the public hearing issues. Comments on matters that are subject to a public hearing will not be allowed during the citizen comment period.

All public hearings will be held in facilities fully accessible to individuals with disabilities. Every reasonable effort will be made to accommodate individuals with disabilities who wish to participate in the public process. When possible the Authority will schedule public hearings and workshops in the late afternoon and early evening so those citizens that work can attend.

The Authority will also receive public hearing comments in writing on any public hearing action that may include but is not limited to: mail in letters and postcards, email, tape recordings, handwritten comments and or voicemail messages when feasible and/or appropriate.



**Region 2000 Services Authority**  
**FY15 Actuals & Proposed FY 2016 Budget**  
**As of 3/31/2015-Revised for 5/13/15 Special Meeting**

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Region 2000 Services Authority  
 FY 2015 Disposal Fee Revenue-through 3/31/2015-Revised for 5/13/15 Special Meeting

Schedule 1

FY2016 Contract Rate is \$38/Other rates \$28.75/\$38.75

Tonnage	FY 15 Budget	Actuals Through 3/31/2015	Diff Between Budget & Actual-FY 15	% Budget Remaining-FY 15	FY 16 Proposed Budget
<b>Tonnage From Member Jurisdictions</b>					
Lynchburg	38,747	29,277	9,470	24.44%	38,747
Campbell	20,222	15,769	4,453	22.02%	20,222
Nelson	8,804	6,944	1,860	21.13%	8,804
Appomattox	5,280	3,803	1,477	27.98%	5,280
<b>Subtotal Member Jurisdictions</b>	<b>73,052</b>	<b>55,792</b>	<b>17,260</b>	<b>23.63%</b>	<b>73,052</b>
Lynchburg Contracts & Other Waste	29,362	18,197	11,164	38.02%	29,362
Market Rate Tonnage	102,932	75,745	27,187	26.41%	102,932
<b>Subtotal Contract and Market Rate</b>	<b>132,294</b>	<b>93,942</b>	<b>38,352</b>	<b>28.99%</b>	<b>132,294</b>
<b>Subtotal Revenue Generating Tonnage</b>	<b>205,346</b>	<b>149,735</b>	<b>55,612</b>	<b>27.08%</b>	<b>205,346</b>
Other Tonnage at No Charge (inert/brush/slag)	13,119	12,335	784	5.97%	13,119
<b>Total Tonnage</b>	<b>218,465</b>	<b>162,070</b>	<b>56,395</b>	<b>25.81%</b>	<b>218,465</b>

Disposal Fee Revenue	FY 15 Budget	Actuals Through 3/31/2015	Diff Between Budget & Actual-FY 15	% Budget Remaining-FY 15	FY 16 Proposed Budget
<b>From Member Jurisdictions</b>					
Lynchburg	\$ 1,113,971	\$ 841,721	\$ 272,250	24.4%	\$ 1,113,971
Campbell	\$ 581,374	\$ 453,563	\$ 127,811	22.0%	\$ 581,374
Nelson	\$ 253,109	\$ 199,633	\$ 53,476	21.1%	\$ 253,109
Appomattox	\$ 151,800	\$ 109,331	\$ 42,469	28.0%	\$ 151,800
<b>Subtotal Member Jurisdictions</b>	<b>\$ 2,100,254</b>	<b>\$ 1,604,249</b>	<b>\$ 496,005</b>	<b>23.6%</b>	<b>\$ 2,100,254</b>
Lynchburg Contracts & Other Waste	\$ 1,057,021	\$ 654,974	\$ 402,047	38.0%	\$ 1,115,745
Outside Tonnage-Market Rate	\$ 3,988,634	\$ 2,935,166	\$ 1,053,468	26.4%	\$ 3,988,634
<b>Subtotal Contract and Market Rate</b>	<b>\$ 5,045,655</b>	<b>\$ 3,590,140</b>	<b>\$ 1,455,515</b>	<b>28.8%</b>	<b>\$ 5,104,379</b>
<b>Total</b>	<b>\$ 7,145,909</b>	<b>\$ 5,194,389</b>	<b>\$ 1,951,520</b>	<b>27.3%</b>	<b>\$ 7,204,632</b>

Per Ton Disposal Fees	FY 15 Budget	YTD Average Through 3/31/2015	Diff Between Budget & Actual-FY 15	% Difference	FY 16 Proposed Budget
Member Disposal Fee	\$ 28.750	\$ 28.754	\$ (0.004)	-0.01%	\$ 28.750
Cost of Service (COS) Tipping Fee	\$ 28.750	\$ 28.807	\$ (0.057)	-0.20%	\$ 28.793
Avg. Rate-Lynchburg Contracts & Other Waste	\$ 36.000	\$ 35.993	\$ 0.007	0.02%	\$ 38.000
Market Rate	\$ 38.750	\$ 38.751	\$ (0.001)	0.00%	\$ 38.750

Schedule 1

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**Region 2000 Services Authority  
 FY 2015 Expenses - through 3/31/2015-Revised for 05/13/15 Special Meeting  
 SUMMARY - Schedule 2**

FY2016 Contract Rate is \$38/Other rates \$28.75/\$38.75

Expenses	FY 15 Budget	Actuals Through 3/31/2015	Diff Between Budget & Actual-FY 15	% Budget Remaining-FY 15	FY 16 Proposed Budget	% Change FY15 to FY16 Budget
Personnel (Schedule 3)	\$ 1,341,924	\$ 973,770	\$ 368,154	27.4%	\$ 1,382,078	2.99%
Landfill O & M (Schedule 4)	\$ 1,544,300	\$ 1,012,241	\$ 532,059	34.5%	\$ 1,598,800	3.53%
Landfill Equipment Replacement Reserve	\$ 400,000	\$ 300,000	\$ 100,000	25.0%	\$ 408,000	2.00%
Closure and Post-Closure Reserve	\$ 790,252	\$ 592,689	\$ 197,563	25.0%	\$ 704,905	-10.80%
Environmental Remediation	\$ 50,000	\$ 37,500	\$ 12,500	25.0%	\$ 50,000	0.00%
O & M Reserve	\$ -	\$ -	\$ -	0.0%	\$ -	#DIV/0!
Annual Debt Service -2011 Bond Debt	\$ 2,101,850	\$ 1,576,355	\$ 525,495	25.0%	\$ 955,852	-54.52%
2015 Bond Debt	\$ -	\$ -	\$ -	0.0%	\$ 824,185	#DIV/0!
Internal Loan	\$ -	\$ -	\$ -	0.0%	\$ 304,462	#DIV/0!
Annual Debt Service Subtotal	\$ 2,101,850	\$ 1,576,355	\$ 525,495	25.0%	\$ 2,084,499	-0.83%
Operating Expenses	\$ 6,228,326	\$ 4,492,555	\$ 1,735,771	27.9%	\$ 6,228,282	0.00%
Reimbursable Personnel Costs (Schedule 5)	\$ (107,163)	\$ (60,964)	\$ (46,199)	43.1%	\$ (107,163)	0.00%
Reimbursable O & M Costs (Schedule 5)	\$ (196,400)	\$ (108,709)	\$ (87,691)	44.6%	\$ (196,400)	0.00%
Late Fee, Recycling & Int Income	\$ (21,000)	\$ (9,432)	\$ (11,568)	55.1%	\$ (21,000)	0.00%

**Net Cost of Service Operating Expense Total**      \$ 5,903,763      \$ 4,313,450      \$ 1,590,313      26.9%      \$ 5,903,719      0.00%

Airspace Reserve	FY 15 Budget	Actuals Through 3/31/2015	Diff Between Budget & Actual-FY 15	% Budget Remaining-FY 15	FY 16 Proposed Budget	% Change FY15 to FY16 Budget
Lynchburg (Split is 30.6%)	\$ 380,102	\$ 270,479	\$ 109,623	29%	\$ 396,327	4.27%
Campbell (Split is 69.4%)	\$ 862,061	\$ 613,438	\$ 248,623	29%	\$ 898,860	4.27%
Airspace Reserve Subtotal	\$ 1,242,163	\$ 883,917	\$ 358,246	29%	\$ 1,295,187	4.27%
O & M Reserve Contribution	\$ (18)	\$ (2,979)	\$ 2,961		\$ (3,166)	

**Total Expenses**      \$ 7,145,909      \$ 5,194,389      \$ 1,951,520      27%      \$ 7,204,632      0.82%

**Total Revenue Generating Tonnage**      \$ 205,346      149,735      55,612      27.1%      205,346      0.00%

**Disposal Cost per Ton**      \$ 28,750.3      \$ 28,807      \$ (0,057)      -0.2%      \$ 28,750.0      0.00%

**Personnel  
Schedule 3**

	Account	FY 15 Budget	Actuals Through 3/31/2015	Diff Between Budget & Actual-FY 15	% Budget Remaining-FY 15	FY 16 Proposed Budget	% Change FY15 to FY16 Budget
	Solid Waste Staff						
	Management	\$ 257,946	\$ 193,459	\$ 64,486	25.0%	\$ 257,945	0.00%
	Operations	\$ 576,385	\$ 427,710	\$ 148,675	25.8%	\$ 591,164	2.56%
41100	Salaries&Wages-Est Salary Study suggested inc	\$ 15,000	\$ -	\$ 15,000	100.0%	\$ -	-100.00%
	Proposed FY2016 -2% Salary Increase					\$ 16,982	#DIV/0!
	Proposed FY2016 -Merit Increase					\$ 12,100	#DIV/0!
	Total Salaries	\$ 849,330	\$ 621,169	\$ 228,161	26.9%	\$ 878,191	3.40%
	Employee Benefits						
42210	VRS-Retirement (7.52% ER + VLDP)	\$ 63,870	\$ 46,762	\$ 17,108	27%	\$ 66,211	3.67%
42220	VRS Life Insurance (1.19%)	\$ 11,211	\$ 7,392	\$ 3,819	34%	\$ 10,450	-6.79%
42300	Employer Cost-Health Insurance (FY16 2% Inc)	\$ 136,984	\$ 98,704	\$ 38,280	28%	\$ 139,455	1.80%
42700	Employer Cost-Worker's Comp	\$ 28,000	\$ 29,056	\$ (1,056)	-4%	\$ 30,000	7.14%
42100	Employer Cost-FICA	\$ 66,733	\$ 46,968	\$ 19,765	30%	\$ 68,941	3.31%
47000	Retiree Health Care-OPEB-GASB 45	\$ -	\$ -	\$ -	0%	\$ -	
42500	Disability Insurance	\$ -	\$ -	\$ -	0%	\$ -	0.00%
42600	Unemployment Insurance	\$ 8,000	\$ -	\$ 8,000	100%	\$ 8,000	0.00%
	Employee Benefits Subtotal	\$ 314,798	\$ 228,881	\$ 85,917	27.3%	\$ 323,057	2.62%
	Overtime						
41200	Salaries and Wages - Overtime	\$ 23,000	\$ 17,371	\$ 5,629	24%	\$ 23,000	0.00%
41300	Part -time Salaries-Wages-Regul	\$ -	\$ -	\$ -	0%	\$ -	
41400	Part -time Salaries-Wages-Overt	\$ -	\$ -	\$ -	0%	\$ -	
	Overtime Subtotal	\$ 23,000	\$ 17,371	\$ 5,629	24%	\$ 23,000	0.00%
	Total Personnel Costs-Services Authority Staff	\$ 1,187,129	\$ 867,422	\$ 319,707	26.9%	\$ 1,224,249	3.13%
	Local Government Council Staff						
	Total Personnel Costs-Region 2000 Staff	\$ 154,796	\$ 106,349	\$ 48,447	31.3%	\$ 157,829	1.96%
	Total Personnel Costs	\$ 1,341,924	\$ 973,770	\$ 368,154	27.4%	\$ 1,382,078	2.99%

2% Proposed Salary Increase \$ 16,982  
 FICA \$ 1,299  
 VRS Ret \$ 1,277  
 VRS Life \$ 202  
\$ 19,760 \$ 0.09623 Per Ton

Proposed Merit Increase \$ 12,100  
 FICA \$ 926  
 VRS Ret \$ 910  
 VRS Life \$ 144  
\$ 14,079 \$ 0.06856 Per Ton



**Landfill Operating and Maintenance Expenses  
Schedule 4-Revised for 5/13/15 Special Meeting**

Account	Operations and Maintenance Cost Type	FY 15 Budget	Actuals Through 3/31/2015	Diff Between Budget & Actual-FY 15	% Budget Remaining-FY 15	FY 16 Proposed Budget	% Change FY15 to FY16 Budget
	<b>Contractual Services</b>						
43166	Software support-Paradigm	\$ 10,000	\$ 6,271	\$ 3,729	37%	\$ 10,000	0.00%
43321	Communications M&R Service/Radio	\$ 8,000	\$ 12,555	\$ (4,555)	-57%	\$ 13,000	62.50%
43131	Building M & R Services	\$ 2,000	\$ 1,693	\$ 307	15%	\$ 2,000	0.00%
43171	Site Maintenance-Lynchburg	\$ 5,000	\$ 931	\$ 4,069	81%	\$ 5,000	0.00%
43172	Site Maintenance-Campbell	\$ 10,000	\$ 26,141	\$ (16,141)	-161%	\$ 35,000	250.00%
43170	Sedimentation Basin Cleaning	\$ -	\$ -	\$ -	0%	\$ -	0.00%
43169	Janitorial Services	\$ 7,800	\$ 5,584	\$ 2,216	28%	\$ 7,800	0.00%
43110	Med/Dental/Pharm/Lab Services	\$ -	\$ -	\$ -	0%	\$ -	0.00%
43150	Legal Services	\$ 30,000	\$ 30,388	\$ (388)	-1%	\$ 30,000	0.00%
43120	Accounting and auditing service	\$ 7,000	\$ 7,200	\$ (200)	-3%	\$ 8,000	14.29%
43140	Engineering/Monitoring Services-Lynchburg	\$ 35,000	\$ 15,049	\$ 19,951	57%	\$ 35,000	0.00%
43140a	Engineering/Monitoring Services-Campbell	\$ 65,000	\$ 88,920	\$ (23,920)	-37%	\$ 75,000	15.38%
43141	Professional Consulting Service	\$ -	\$ -	\$ -	0%	\$ -	0.00%
43160	Environmental Lab Services-Lynchburg	\$ 15,000	\$ 2,936	\$ 12,064	80%	\$ 15,000	0.00%
43160a	Environmental Lab Services-Campbell	\$ 15,000	\$ 6,179	\$ 8,821	69%	\$ 15,000	0.00%
43200	Temporary Help Service Fees	\$ 20,000	\$ 12,457	\$ 7,543	38%	\$ 20,000	0.00%
43600	Advertising	\$ 10,000	\$ 2,259	\$ 7,741	77%	\$ 10,000	0.00%
43176	Software Purchases-Other	\$ 5,000	\$ 3,100	\$ 1,900	38%	\$ 5,000	0.00%
43167	Pest Control services	\$ 1,200	\$ 640	\$ 560	47%	\$ 1,200	0.00%
43168	Investigative Services	\$ 100	\$ 135	\$ (35)	-35%	\$ 100	0.00%
46011	Uniform Rental Services	\$ 12,000	\$ 9,919	\$ 2,081	17%	\$ 13,000	8.33%
43161	Tire Shredding Services	\$ 5,000	\$ 2,440	\$ 2,560	51%	\$ 5,000	0.00%
43165	Misc Contractual Services	\$ 1,000	\$ 3,410	\$ (2,410)	-241%	\$ 1,000	0.00%
43177	Creation and Maintenance of a web site	\$ 5,000	\$ 842	\$ 4,158	83%	\$ 5,000	0.00%
42850	Employee Med Exp-drug tests, ph	\$ 2,000	\$ 880	\$ 1,120	56%	\$ 2,000	0.00%
46031	Heavy Equipment-Outside Repair	\$ 50,000	\$ 35,295	\$ 14,705	29%	\$ 50,000	0.00%
43173	Mechanical M&R Services	\$ 5,000	\$ 1,465	\$ 3,535	71%	\$ 5,000	0.00%
43175	Software support-City of Lynchb	\$ -	\$ -	\$ -	0%	\$ -	0.00%
43121	Payroll support services	\$ 12,000	\$ 5,000	\$ 7,000	58%	\$ 12,000	0.00%
46017	Software Maint Contract-Accounting	\$ 800	\$ -	\$ 800	100%	\$ 800	0.00%
43162	HHW Disposal	\$ -	\$ 91	\$ (91)	0%	\$ -	0.00%
43163	Wood Waste Grinding	\$ 10,000	\$ -	\$ 10,000	100%	\$ 10,000	0.00%
	<b>Contractual Services Subtotal</b>	<b>\$ 348,900</b>	<b>\$ 281,780</b>	<b>\$ 67,120</b>	<b>19%</b>	<b>\$ 390,900</b>	<b>12.04%</b>
	<b>Supplies &amp; Materials</b>						
46001	Office Supplies/Audio Visual Supplies	\$ 8,400	\$ 2,746	\$ 5,654	67%	\$ 8,400	0.00%
46002	Forms & Stationary	\$ 1,500	\$ 205	\$ 1,295	86%	\$ 2,000	33.33%
46005	Custodial Supplies	\$ 4,000	\$ 1,295	\$ 2,705	68%	\$ 4,000	0.00%
46033	Apparel/Protective Wear/Personal Protective Equipment	\$ 5,000	\$ 1,965	\$ 3,035	61%	\$ 5,000	0.00%
46012	Books & Publications	\$ -	\$ -	\$ -	0%	\$ -	0.00%
46013	Subscriptions	\$ 1,000	\$ -	\$ 1,000	100%	\$ 1,000	0.00%
46018	Safety Supplies	\$ 5,000	\$ 1,977	\$ 3,023	60%	\$ 5,000	0.00%
46019	Awards & Recognitions	\$ 1,500	\$ -	\$ 1,500	100%	\$ 1,500	0.00%
46020	Grounds Maintenance Supplies	\$ 20,000	\$ 1,718	\$ 18,282	91%	\$ 20,000	0.00%
46026	Food & Dietary Supplies	\$ 1,000	\$ 603	\$ 397	40%	\$ 1,000	0.00%
46022	Minor Equipment-Tools	\$ 5,000	\$ 4,533	\$ 467	9%	\$ 7,000	40.00%
46021	Chemicals/gases	\$ 1,000	\$ 65	\$ 935	93%	\$ 1,000	0.00%
43310	R & M- Office	\$ -	\$ -	\$ -	0%	\$ -	0.00%
46009	Vehicle M&R Equipment Parts	\$ 150,000	\$ 101,226	\$ 48,774	33%	\$ 150,000	0.00%
46007	R&M Supplies-Building	\$ 5,000	\$ 313	\$ 4,687	94%	\$ 5,000	0.00%
43312	R & M-Mechanical-Materials	\$ 1,000	\$ -	\$ 1,000	100%	\$ 1,000	0.00%
46032	Communications M & R Materials	\$ 2,500	\$ -	\$ 2,500	100%	\$ 2,500	0.00%
46025	Haul Road M&R Materials	\$ 110,000	\$ 82,733	\$ 27,267	25%	\$ 110,000	0.00%
46027	Daily Cover/Posi-Shell	\$ 110,000	\$ 86,712	\$ 23,288	21%	\$ 110,000	0.00%
46034	Side Slope Soil Cover-Concord Turnpike	\$ -	\$ -	\$ -	0%	\$ -	0.00%
45210	Postal Services	\$ 2,000	\$ 902	\$ 1,098	55%	\$ 2,000	0.00%
45220	Messenger Services	\$ 200	\$ 493	\$ (293)	-147%	\$ 200	0.00%
43500	Printing & Binding	\$ 1,000	\$ 513	\$ 487	49%	\$ 1,000	0.00%
46035	Shop Supplies	\$ 5,000	\$ 11,063	\$ (6,063)	-121%	\$ 10,000	100.00%
42820	Education-Tuition Assistance	\$ 5,000	\$ -	\$ 5,000	100%	\$ 5,000	0.00%
46023	Computer Materials & Repair	\$ 13,000	\$ 9,479	\$ 3,521	27%	\$ 13,000	0.00%
46024	Mechanical M&R Materials	\$ -	\$ -	\$ -	0%	\$ -	0.00%
	<b>Supplies &amp; Materials Subtotal</b>	<b>\$ 458,100</b>	<b>\$ 308,542</b>	<b>\$ 149,558</b>	<b>33%</b>	<b>\$ 465,600</b>	<b>1.64%</b>

**Landfill Operating and Maintenance Expenses**  
**Schedule 4-Revised for 5/13/15 Special Meeting**

Account	Operations and Maintenance Cost Type	FY 15 Budget	Actuals Through 3/31/2015	Diff Between Budget & Actual-FY 15	% Budget Remaining-FY 15	FY 16 Proposed Budget	% Change FY15 to FY16 Budget
	Gas/Diesel Fuel/Oil & Grease	\$ 350,000		\$ 350,000		\$ 350,000	
46008	Vehicle & Equip Fuel-Diesel	\$ -	\$ 169,677	\$ (169,677)	0%	\$ -	
46028	Vehicle & Equip Fuel-Gasoline	\$ -	\$ 5,218	\$ (5,218)	0%	\$ -	
46029	Vehicle & Equip/Oil & Grease	\$ -	\$ 14,433	\$ (14,433)	0%	\$ -	
	Gas/Diesel Fuel/Oil & Grease Subtotal	\$ 350,000	\$ 189,329	\$ 160,671	46%	\$ 350,000	0.00%
	<b>Rentals &amp; Leases</b>						
45410	Lease/Rent of Equipment-Office (Copier/postal meter)	\$ 7,000	\$ 3,737	\$ 3,263	47%	\$ 7,000	0.00%
45411	Lease/Rent of Equipment-Landfill	\$ 5,000	\$ 2,370	\$ 2,630	53%	\$ 5,000	0.00%
45420	Lease/Rent of Buildings	\$ -	\$ 450	\$ (450)	0%	\$ -	#DIV/0!
	Rentals & Leases Subtotal	\$ 12,000	\$ 6,557	\$ 5,443	45%	\$ 12,000	0.00%
	<b>Utilities &amp; Natural Gas</b>						
45230	Telephone/Internet	\$ 18,000	\$ 13,953	\$ 4,047	22%	\$ 18,000	0.00%
45110	Electrical Services	\$ 15,000	\$ 13,440	\$ 1,560	10%	\$ 20,000	33.33%
45130	Water & Sewer	\$ 6,000	\$ 2,976	\$ 3,024	50%	\$ 6,000	0.00%
45120	Utilities - Propane Gas	\$ -	\$ -	\$ -	0%	\$ -	0.00%
45231	Cellular Services & Pager	\$ 2,000	\$ 1,170	\$ 830	42%	\$ 2,000	0.00%
45121	Utilities - Natural Gas	\$ -	\$ -	\$ -	0%	\$ -	0.00%
	Utilities & Natural Gas Subtotal	\$ 41,000	\$ 31,539	\$ 9,461	23%	\$ 46,000	12.20%
	<b>Travel &amp; Training</b>						
45500	Travel & Training	\$ 5,000	\$ -	\$ 5,000	100%	\$ 5,000	0.00%
45510	Travel Mileage-Personal Vehicle	\$ -	\$ 329	\$ (329)	0%	\$ -	
45520	Travel-Public Carriers	\$ -	\$ -	\$ -	0%	\$ -	
45530	Travel-Subsistence & Lodging	\$ -	\$ 1,237	\$ (1,237)	0%	\$ -	
45540	Travel-Convention & Education	\$ -	\$ 539	\$ (539)	0%	\$ -	
46014	On-Site Training	\$ 5,000	\$ 890	\$ 4,110	82%	\$ 5,000	0.00%
	Travel & Training Subtotal	\$ 10,000	\$ 2,995	\$ 7,005	70%	\$ 10,000	0.00%
	<b>Miscellaneous</b>						
45800	Miscellaneous	\$ 3,500	\$ 3,404	\$ 96	3%	\$ 3,500	0.00%
45810	Dues and Assoc Membership-Misc	\$ 1,800	\$ 1,894	\$ (94)	-5%	\$ 1,800	0.00%
45801	Bank Service Charges	\$ 3,600	\$ 1,944	\$ 1,656	46%	\$ 3,600	0.00%
45802	Cash Overage and Shortage	\$ -	\$ 4	\$ (4)	0%	\$ -	0.00%
45803	Finance Charges paid to vendors	\$ -	\$ 3	\$ (3)	0%	\$ -	0.00%
45804	Bad Debt Expense	\$ 3,000	\$ -	\$ 3,000	100%	\$ 3,000	0.00%
46030	Fleet Services Internal Charges-Mgt	\$ -	\$ -	\$ -	0%	\$ -	0.00%
45840	VDEQ landfill fee - Misc	\$ 38,000	\$ 25,476	\$ 12,524	33%	\$ 38,000	0.00%
	Misc Expenses Subtotal	\$ 49,900	\$ 32,725	\$ 17,175	34%	\$ 49,900	0.00%
	<b>Payments to Other Entities</b>						
43164	Leachate Treatment-Concord Turnpike	\$ 13,000	\$ 297	\$ 12,703	98%	\$ 13,000	0.00%
43164a	Leachate Treatment-Campbell	\$ 15,000	\$ -	\$ 15,000	100%	\$ 15,000	0.00%
	Insurance	\$ -	\$ -	\$ -	0%	\$ -	
45308	General Liability insurance	\$ 50,000	\$ 49,768	\$ 232	0%	\$ 50,000	0.00%
	Payments to Other Entities Subtotal	\$ 78,000	\$ 50,065	\$ 27,935	36%	\$ 78,000	0.00%
	<b>Sub-Total SA O &amp; M Expenses</b>	\$ 1,347,900	\$ 903,532	\$ 444,368	33%	\$ 1,402,400	4.04%
	<b>Reimbursable O &amp; M Expenses (see Reimbursable Schedule for Detail)</b>	\$ 196,400	\$ 108,709	\$ 87,691	45%	\$ 196,400	0.00%
	<b>Grand Total Operations and Maintenance Cost</b>	\$ 1,544,300	\$ 1,012,241	\$ 532,059	34%	\$ 1,598,800	3.53%



Reimbursable Landfill Operating and Maintenance Expenses and Personnel Costs  
Schedule 5

Account	Operations and Maintenance Cost Type	FY 14 Budget	Actuals Through 3/31/2015	Diff Between Budget & Actual-FY 15	% Budget Remaining-FY 15	FY 16 Proposed Budget	% Change FY15 to FY16 Budget
<b>Reimbursable Landfill O &amp; M Expenses</b>							
<b>City of Lynchburg</b>							
43140	Engineering/Monitoring Services	\$ 55,000	\$ 65,413	\$ (10,413)	-18.9%	\$ 55,000	0.00%
43160	Environmental Lab Services	\$ 15,400	\$ 1,757	\$ 13,643	88.6%	\$ 15,400	0.00%
43161	Tire shredding	\$ -	\$ -	\$ -	0.0%	\$ -	0.00%
43162	HHW Disposal	\$ 27,500	\$ 17,648	\$ 9,852	35.8%	\$ 27,500	0.00%
43163	Wood Waste Grinding	\$ 40,000	\$ -	\$ 40,000	100.0%	\$ 40,000	0.00%
43164	Leachate Treatment	\$ -	\$ -	\$ -	0.0%	\$ -	0.00%
City of Lynchburg Subtotal		\$ 137,900	\$ 84,817	\$ 53,083	38.5%	\$ 137,900	0.00%
<b>Amherst County</b>							
43162	HHW Disposal	\$ -	\$ 4,301	\$ (4,301)	0.0%	\$ -	0.00%
<b>Nelson County</b>							
43162	HHW Disposal	\$ -	\$ 274	\$ (274)	0.0%	\$ -	0.00%
<b>Appomattox County</b>							
43162	HHW Disposal	\$ -	\$ -	\$ -	0.0%	\$ -	0.00%
<b>Campbell County</b>							
43140a	Engineering/Monitoring/Remediation Services	\$ 22,000	\$ 14,392	\$ 7,608	34.6%	\$ 22,000	0.00%
43160a	Environmental Lab Services	\$ 11,000	\$ 2,090	\$ 8,910	81.0%	\$ 11,000	0.00%
43161	Tire shredding	\$ -	\$ -	\$ -	0.0%	\$ -	0.00%
43162	HHW Disposal	\$ 5,500	\$ 2,835	\$ 2,665	48.5%	\$ 5,500	0.00%
43163	Wood Waste Grinding	\$ 15,000	\$ -	\$ 15,000	100.0%	\$ 15,000	0.00%
43164a	Leachate Treatment	\$ 5,000	\$ -	\$ 5,000	100.0%	\$ 5,000	0.00%
Campbell County Subtotal		\$ 58,500	\$ 19,317	\$ 39,183	67.0%	\$ 58,500	0.00%
<b>Reimbursable Landfill O &amp; M Expenses</b>		<b>\$ 196,400</b>	<b>\$ 108,709</b>	<b>\$ 87,691</b>	<b>44.6%</b>	<b>\$ 196,400</b>	<b>0.00%</b>
<b>Reimbursable Landfill Personnel Costs</b>							
<b>City of Lynchburg</b>							
Concord Turnpike Personnel Costs		\$ 32,843	\$ 21,486	\$ 11,357	34.6%	\$ 32,843	0.00%
Recycling Program Manager Salary & Benefits		\$ 27,160	\$ 19,739	\$ 7,421	27.3%	\$ 27,160	0.00%
City of Lynchburg Subtotal		\$ 60,003	\$ 41,225	\$ 18,778	31.3%	\$ 60,003	0.00%
<b>Campbell County</b>							
Environmental Compliance & Safety		\$ 20,000	\$ -	\$ 20,000	100.0%	\$ 20,000	0.00%
Recycling Program Manager Salary & Benefits		\$ 27,160	\$ 19,739	\$ 7,421	27.3%	\$ 27,160	0.00%
Campbell County Subtotal		\$ 47,160	\$ 19,739	\$ 27,421	58.1%	\$ 47,160	0.00%
<b>Reimbursable Landfill Personnel Costs</b>		<b>\$ 107,163</b>	<b>\$ 60,964</b>	<b>\$ 46,199</b>	<b>43.1%</b>	<b>\$ 107,163</b>	<b>0.00%</b>

## Region 2000 Services Authority Balance Sheet-Revised for 5/13/15 Special Meeting

Assets	3/31/2015		
<b>Cash - 2011 Bond Funds</b>			
Cash-US Bank-Bond Balance	\$	-	
Cash-US Bank-Bond Fund Payments	\$	1,233,831.39	
Total 2011 Bond Funds	\$	1,233,831.39	
<b>Cash - Closure/Post-Closure</b>			
Cash -SunTrust Closure/Post-Closure	\$	2,445,928.21	100.0%
Total Lynchburg Contribution C/PC Concord Tpk	\$	2,445,928.21	
LGIP-Concord Tpk - SA Contribution C/PC	\$	2,611,079.82	
Total Closure/PC - Concord Tpk	\$	5,057,008.03	
<b>LGIP-Livestock Road - Purchased Contribution C/PC</b>			
LGIP-Livestock Road - SA Contribution C/PC thru FY14	\$	1,482,787.01	
Total Closure/PC - Livestock Rd	\$	1,891,354.43	
Total Closure/Post Closure	\$	6,948,362.46	
<b>Cash-SunTrust Operating Account</b>			
SunTrust Operating Account-Unrestricted	\$	(325,590.51)	-10.4%
City of Lynchburg Asset Reduction Payment Amount	\$	156,171.80	5.0%
Excess Revenue (FY2015 )	\$	883,917.00	28.1%
Environmental Rem Reserve Cash (FY2015)	\$	37,500.00	1.2%
Equip Replace Reserve Cash (Since inception)	\$	461,340.31	14.7%
Close/Post-Close Res Cur Year Cash (1Q, 2Q & 3Q FY15)	\$	592,689.00	18.9%
Debt Service Reserve Cash (FY2013)	\$	67,000.00	2.1%
O & M Reserve Cash (FY2012 + FY2013 + FY2014 + FY2015)	\$	1,267,315.00	40.4%
Total SunTrust Operating Account	\$	3,140,342.60	100.0%
<b>LGIP-Environmental Remediation &amp; Future Planning Reserves - FY2009 thru FY2014</b>			
Total Cash and CDs & LGIP	\$	11,775,583.82	
<b>All Receivables for Operations</b>			
Receivable from City for True-up	\$	677,110.36	
Internal Loan Receivable	\$	2,315,238.79	
Prepaid Expenses	\$	2,188,177.99	
All Fixed Assets in service-less depreciation	\$	-	
Construction in Progress - LR projects	\$	12,820,376.64	
Total Assets	\$	443,726.41	
Total Assets	\$	30,220,214.01	
<b>Liabilities</b>			
Accounts Payable	\$	275,850.99	
Accrued OPEB Liabilities	\$	202,669.08	
Accrued Interest Payable	\$	168,887.71	
Accrued Vacation Pay	\$	95,453.10	
Total Current Liabilities	\$	742,860.88	
Accrued Closure-P/C Cost-Concord Tpk - City of Lynchburg	\$	4,778,064.35	
Accrued Closure-P/C Cost-Concord Tpk - SA	\$	2,313,845.45	
Accrued Closure-P/C Cost-Livestock Road	\$	4,949,676.89	
Total Closure/Post-Closure	\$	12,041,586.69	
<b>Debt</b>			
Internal Loan Payable	\$	2,188,177.99	
2011 Bond Payable	\$	8,072,000.00	
Total Liabilities	\$	23,044,625.56	
<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		\$5,020,995.86	
Total Liabilities & Equity	\$	30,220,214.01	



# Region 2000 Services Authority

3/31/2015

Schedule 7

## Capital Equipment Fund

### FY16 Capital Equipment Items

	Average Cost Estimate	Fund Balance
Estimated Balance @ 6/30/2015		\$ 561,340
Transfer from Operating Fund for FY2016		\$ 408,000
Used Street Sweeper	\$ 50,000	
Used Mini-excavator	\$ 50,000	
Two hand-held radios	\$ 3,000	
Pump Station Actuator Valve	\$ 50,000	
Computer Server System	\$ 9,200	
Subtotal	\$ 162,200	
Estimated Balance @ 6/30/2016		\$ 807,140

## Other Capital Items

### FY16 Other Capital Items

	Average Cost Estimate
Lateral Expansion at Livestock Road Landfill (future borrowing)	\$ 9,000,000

## **Background Information on Excess Revenue**

The 2008 Member Use Agreement recognized that Lynchburg and Campbell were providing landfill space to the Authority and developed a formula to compensate them for the work that they had previously done to develop that permitted space. "Excess revenue" is defined as the monies paid from private haulers above the actual cost of service. Lynchburg's and Campbell's share of the excess revenue was established by the percent of the 4,012,407 cy permitted volume that each locality proportionally contributed to the Authority as of July 1, 2008 (69.4% & 30.6%). The Agreement also allows the Authority to recalculate the formula if more air space becomes available.

### **Article I: Definitions**

*"Excess Revenue" means the sum of the incremental difference between the revenue contribution of the existing Lynchburg and Campbell contracts and market rate customers (all private haulers) beyond the cost of service disposal fee. Excess Revenue will be distributed to Lynchburg and Campbell, respectively, based on the amount of Facility air space contributed, respectively to the Authority. The amount of excess revenue will depend upon the cost of service rate each year.*

### **Section 5.11. Excess Revenue**

*In the event there is Excess Revenue at the end of a Fiscal Year, the Authority Board may vote to distribute some or all of such Excess Revenue to Lynchburg and Campbell, respectively, based on the basis of the relative percentage of available air space each Facility had at the date of transfer. The determination of available air space may be recalculated after transfer if the Authority is able to make use of more available air space for any reason. In the event of such recalculation, the Authority will determine an appropriate financial true-up or change in calculation of Excess Revenue based on such recalculation.*

Although it is not required, until we reach the 4,012,407 cy of solid waste, both Lynchburg and Campbell expect that the Authority will distribute excess revenue to them as outlined in the agreement. We expect to reach the agreed capacity limit in about 2021.

## Payments to localities by other publicly owned/operated landfills

Draper Aden provided the information below of publically operated regional landfill operations which show that the larger operations have some sort of payment to the host community while smaller ones do not.

Name	Solid Waste Received	Notes
Southeast Public Services Authority	260,000 tons/year	Host Suffolk receives free disposal worth several million \$ annually
Region 2000 Services Authority	206,000 tons/year	Payments to Campbell and Lynchburg, 69.4% & 30.6% of Excess Revenue
Roanoke Valley Resource Authority	152,500 tons/year	RVRA pays Roanoke County \$300,000 per year as a host fee for landfill and Roanoke City \$100,000 per year for transfer station. No escalators included in agreements.
Augusta County Regional Landfill	127,750 tons/year	The three members pay their portion of the expenses of the Authority based on their % by tonnage received the previous year. Augusta County gets a 5% deduct on this. The 5% is split between the other two members based on their %. Estimated to be approximately \$90,000 for 2014.
Rappahannock Regional Solid Waste Management Board	121,388 tons/year	Stafford County does not receive any payment or special benefits from the R-Board for having the landfill within its jurisdiction.
New River Resource Authority	119,163 tons/year	Pulaski County does not receive any payment or special benefits for having landfill within its jurisdiction. All members receive same user fee reduction for membership.
Southside Public Service Authority	65,650 tons/year	Mecklenburg County does not receive any payment or special benefits for having the landfill within its jurisdiction.
Rockbridge County, Lexington, Buena Vista	39,162 tons/year	Rockbridge County does not receive any payment or special benefits for having the landfill within its jurisdiction. The three localities are loosely joined by Agreement
Carroll, Grayson, Galax Solid Waste Authority	36,218 tons/year	Carroll County does not receive any payment or special benefits for having the landfill within its jurisdiction.

May 5, 2015

Mr. Guillermo Felix  
Federal Aviation Administration  
1 Aviation Plaza, AEA-620  
Jamaica, New York 11434

**RE: Region 2000 Services Authority – Sanitary Landfill Permit 610  
Livestock Road Regional Facility – Lateral Expansion  
Draper Aden Associates Project No. B09107-109B**

Dear Mr. Felix:

The Region 2000 Services Authority (Region 2000) is pursuing an expansion of the solid waste disposal unit at the active Region 2000 Regional Sanitary Landfill – Livestock Road Facility located in Campbell County, Solid Waste Permit #610. As required by 40CFR 258.10 and 9VAC20-81-120.I.2 Region 2000 notified the Lynchburg Regional Airport, who in turn notified the Federal Aviation Administration (FAA) of the planned landfill expansion in January 2015.

The proposed lateral expansion is located within the existing Region 2000 Sanitary Landfill facility boundary as defined under the Virginia Department of Environmental Quality regulations. It is located east of US Route 29, at the end of State Route 674, approximately four miles southeast of Lynchburg Regional Airport runway in Campbell County (Figure 1 and Figure 2). Three additional airports are located within the overall region, but as shown on Figure 2 these facilities are located greater than 6 miles from the existing landfill.

The proposed expansion will include design and construction of a new waste unit connecting the currently permitted Phases III and IV increasing the landfill's footprint by 6.4 acres (Figure 3). The expansion will extend the life of the landfill approximately 7 years (estimated to be 2029 at this time, dependent on tonnage and operations). The proposed expansion will primarily fall in the narrow undeveloped area directly between Phases III and IV creating one continuous landfill disposal area. The Virginia Department of Environmental Quality has completed their review of the technical design of this facility and will be proceeding forward with the issuance of a draft permit which will require a 30 day public comment period and public hearing anticipated to be sometime in June 2015.

The Region 2000 Sanitary Landfill Phases III and IV (Figure 3) were originally permitted in 1991 and amended in 1994. The overall landfill has been in operation since 1979. In 1994 FAA issued a determination approving the landfill's maximum height of 1048 AMSL (ASN: 1994-AEA-999-OE). This expansion will not result in an increase in the facility's maximum height.

As stated above Region 2000 complied with the regulatory requirement to inform the Lynchburg Landfill and the FAA (via the airport) in January 2015. It has been our assumption through inclusion on a number of emails, that the Lynchburg Airport informed the FAA of the expansion at that time. However, it is now our understanding that Mr. Adam Kittinger, whom the Lynchburg Regional Airport had been in communication with and who received the notification regarding the landfill expansion, is no longer with the FAA. In an effort to address any confusion or questions regarding this expansion created by the change in FAA personnel, we are providing the following summary of regulatory and circular guidance requirements and their applicability to the Region 2000 Livestock Road Landfill – Permit 610 expansion.

**Table 1: Regulatory and Guidance Requirements Applicable to Landfills Near Airports**

AGENCY OVERSIGHT	CITATION/DATE	TITLE	GENERAL REQUIREMENTS	APPLICABILITY TO REGION 2000 EXPANSION
USEPA	CFR Title 40 – Part 258.10 1991/2003	Airport Safety	<ol style="list-style-type: none"> <li>1. New landfills, existing landfills, and lateral expansions within 5,000’ and 10,000’ of airport runway must demonstrate that the units are designed and operated so unit does not pose a bird hazard to aircraft.</li> <li>2. New MSWLF units and lateral expansions within a 5 mile radius of any airport runway end must notify the affected airport and the FAA.</li> </ol>	<ol style="list-style-type: none"> <li>1. <u>The Region 2000 Regional Landfill is located greater than 10,000’ from the Lynchburg Regional Airport</u> (Figure 1).</li> <li>2. Region 2000 notified the Lynchburg Regional Airport who in turn notified FAA of the proposed expansion in January 2015. In addition, this letter represents a duplicate notification to the FAA.</li> </ol>
VDEQ	9VAC20-81-120.I Amendment 7 – 2011 No changes	Siting Requirements – Airport Safety	<p>Same as above except:</p> <ol style="list-style-type: none"> <li>1. Addresses “all sanitary landfills”</li> <li>2. Addresses “newsanitary landfill and expansions”</li> </ol>	<ol style="list-style-type: none"> <li>1. <u>The Region 2000 Regional Landfill is located greater than 10,000’ from the Lynchburg Regional Airport</u> (Figure 1).</li> <li>2. Region 2000 notified the Lynchburg Regional Airport who in turn notified FAA of the proposed expansion in January 2015.</li> </ol>
FAA	USC Title 49-Part 44718 Subsection (d) 2000 by amendment	Structures Interfering With Air Commerce	<p>In general, no person shall construct or establish a MSW landfill within 6 miles of a public airport (specific criteria set for airport) unless the state aviation agency requests the FAA to exempt the landfill from the application of this subsection and the FAA finds that the exemption would have no adverse impact on aviation safety.</p> <p><b>New landfill is defined as one constructed after date of enactment interpreted as 4/5/2000.</b></p>	<p>The Region 2000 Regional Sanitary Landfill has been in operation since 1979. The permit was amended to expand the facility in 1991 and 1994 to include the construction of Phases III and IV. <u>Therefore, the proposed expansion is not considered a “new” landfill.</u></p>

AGENCY OVERSIGHT	CITATION/DATE	TITLE	GENERAL REQUIREMENTS	APPLICABILITY TO REGION 2000 EXPANSION
FAA	Advisory Circular 150/5200-34A 1/26/2006 Replaces 8/26/2000 AC with only administrative changes	Construction or Establishment of Landfills Near Public Airports	<p>Landfills Covered by Statute: Only applies to a new MSWLF (constructed or established after 4/5/2000). Specifically states that the limitations are not applicable to an existing MSWLF which received waste on or before 4/5/2000 or to an existing MSWLF that is expanded or modified after 4/5/2000.</p> <p>Reiterates the 6 mile distance. In determining the distance it indicates that the distance should be measured from the property boundary of the airport to the property boundary of the landfill (closest points).</p>	<p>The Region 2000 Regional Sanitary Landfill has been in operation since 1979. The permit was amended to expand the facility in 1991 and 1994 to include the construction of Phases III and IV. <u>Therefore, the proposed expansion is not considered a “new” landfill.</u></p> <p>In addition to the above statement of facts, Draper Aden Associates (on behalf of Region 2000) contacted Mr. John Weller, FAA Biologist to confirm the applicability of this circular on April 30, 2015.</p> <p>Mr. Weller confirmed the proposed expansion is not considered a “new” landfill and therefore this circular is not applicable to the proposed expansion. An email was sent to document this conversation and is included an attachment.</p>
FAA	Advisory Circular 150/5200-33B Section 2-2 and Section 4-2 8/28/2007	Hazardous Wildlife Attractants On or Near Airports – Waste Disposal Operations	<p>Indicates specific separation criteria between the airport’s Air Operations Area (AOA) defined as “any area of an airport used or intended to be used for landing, takeoff or surface maneuvering of aircraft” and the wildlife attractant.</p> <p>Wildlife attractant is defined as “Any human-made structure, land-use practice, or human-made or natural geographic feature that can attract or sustain hazardous wildlife within the landing or departure airspace or the airport’s AOA.</p> <p>Separation criteria:</p> <ul style="list-style-type: none"> <li>• 5,000’ for piston powered aircraft</li> <li>• 10,000’ for turbine-powered aircraft</li> <li>• 5 statute miles from the farthest edge of the airport AOA and attractant.</li> </ul>	<p>The Region 2000 Regional Sanitary Landfill has been in operation since 1979. The permit was amended to expand the facility in 1994 to include the construction of Phases III and IV. Therefore, the proposed expansion is not considered a “new” landfill.</p> <p>In addition to the above statement of facts, Draper Aden Associates (on behalf of Region 2000) contacted Mr. John Weller, FAA Biologist to confirm the applicability of this circular on April 30, 2015.</p> <p>Mr. Weller confirmed the proposed expansion is not considered a “new” landfill and therefore this circular is not applicable to the proposed expansion. An email was sent to document this conversation and is included an attachment.</p>

AGENCY OVERSIGHT	CITATION/DATE	TITLE	GENERAL REQUIREMENTS	APPLICABILITY TO REGION 2000 EXPANSION
			<p>Cites new landfills and previous FAA circular. Notes that for airports that have an existing waste disposal facility within the limits, airport development projects what would increase the number of aircraft operations or accommodate larger or faster aircraft should not be developed.</p> <p>Also indicates that existing landfills, demonstrate that the unit is designed and operated so it does not pose a bird hazard to aircraft citing 40 CFR 258.10.</p>	
FAA	14 CFR Part 77.9	Safe, Efficient Use, and Preservation of the Navigable Airspace	<p>States that any person/organization who intends to sponsor any of the following construction or alterations must notify the Administrator of the FAA:</p> <ol style="list-style-type: none"> <li>1. any construction or alteration exceeding 200 ft above ground level</li> <li>2. any construction or alteration: <ul style="list-style-type: none"> <li>• Within 20,000 ft of a public use or military airport which exceeds a 100:1 surface from any point on the runway of each airport with its longest runway more than 3,200 ft</li> <li>• Within 10,000 ft of a public use or military airport which exceeds a 50:1 surface from any point on the runway of each airport with its longest runway no more than 3,200 ft</li> <li>• Within 5,000 ft of a public use heliport which exceeds a 25:1 surface</li> </ul> </li> </ol>	<p>The Region 2000 Regional Sanitary Landfill received FAA approval in a July 19, 1994 Obstruction Evaluation/Airport Airspace Analysis Determination (ASN: 1994-AEA-999-OE).</p> <p>The proposed expansion includes the connection of the two previously permitted phases of landfill area to create one continuous landfill mass still contained within the original overall landfill footprint (Figure 3). This expansion will not result in an increase in the facility's maximum height ensuring the facility remain below the 1048 AMSL maximum height approved in the 1994 FAA Determination.</p> <p>In an email dated April 29, 2015 Mr. Robert Alexander, FAA Obstruction Evaluation Specialist, (Attached) confirmed the existing 1994 determination remains applicable to the proposed expansion, has no expiration, and therefore has no objection to the continued filling provided the landfill remains below the previously approved maximum height.</p>



As detailed above the proposed expansion is in compliance with all regulatory and statutory requirements applicable to landfills located near public airports and no further action is warranted on the part of the Region 2000 Services Authority.

Should you have any questions, please do not hesitate to contact me at (540) 552-0444 if you need additional information or have any questions regarding the proposed project.

Sincerely,  
**DRAPER ADEN ASSOCIATES**

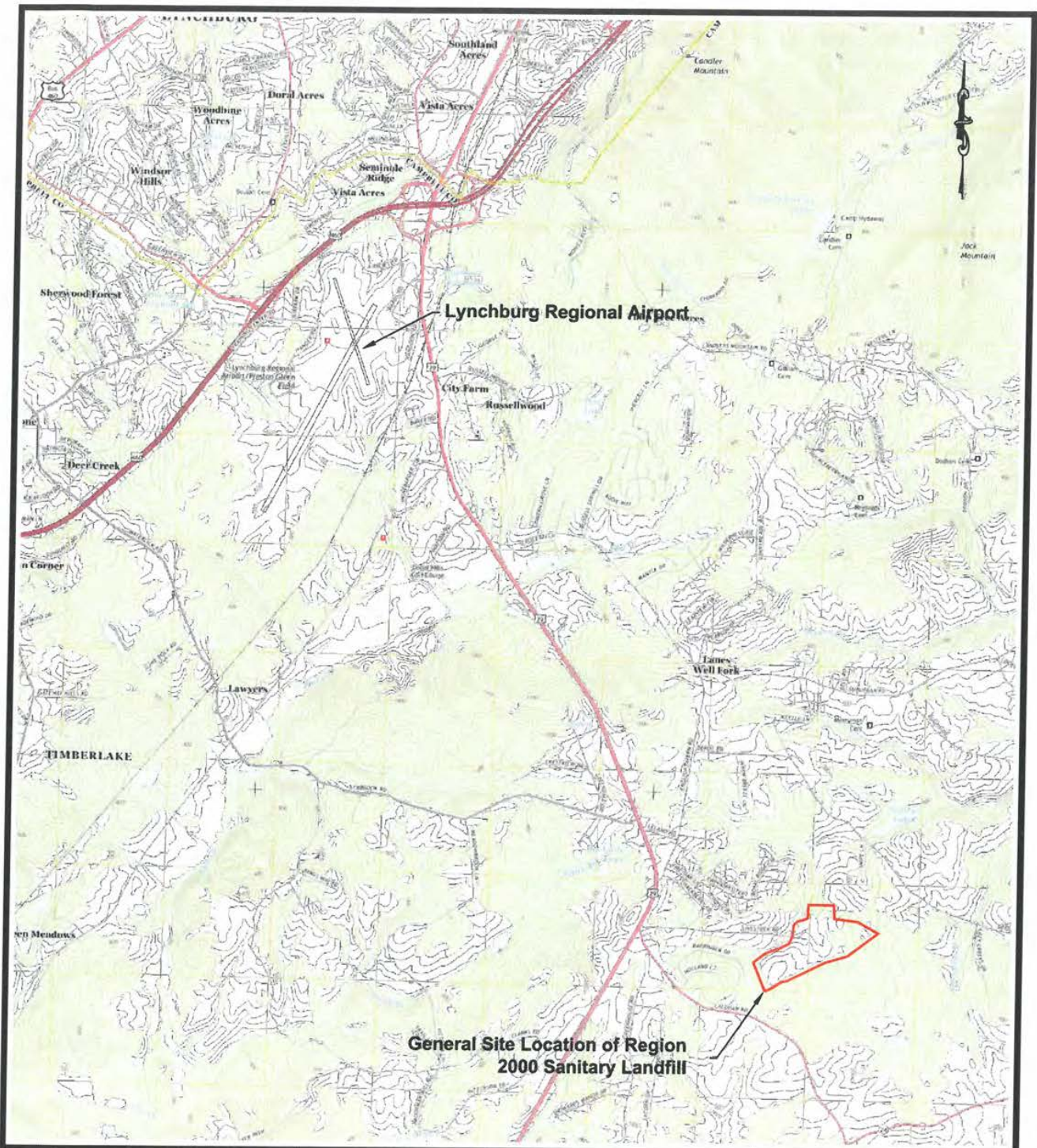


Lynn P. Klappich, CSI CCCA  
WRE Program Manager

Attachment: Figure 1: Site Location Map  
Figure 2: Airports in the Region of Landfill  
Figure 3: N Vicinity Map  
April 29, 2015 Email from Robert Alexander, FAA  
May 4, 2015 Email from John Weller, FAA Biologist

cc: Mr. Kimball Payne, Chairman, Region 2000 Services Authority  
Mr. Clarke Gibson, P.E., Director, Region 2000 Services Authority  
Mr. Mark Courtney, Director, Lynchburg Regional Airport  
Mr. Aziz Farahmand, Virginia Department of Environmental Quality  
Mr. Jason Williams, DAA





Region 2000 Regional Sanitary Landfill  
Rustburg, VA

SCALE: 1" = ~4,000'  
PROJECT: B09107-109B



**Draper Aden Associates**

Engineering • Surveying • Environmental Services

8090 Villa Park Drive  
Richmond, VA 23228  
804-264-2228 Fax: 804-264-8773

Blacksburg, VA  
Charlottesville, VA  
Hampton Roads, VA  
Coats, NC

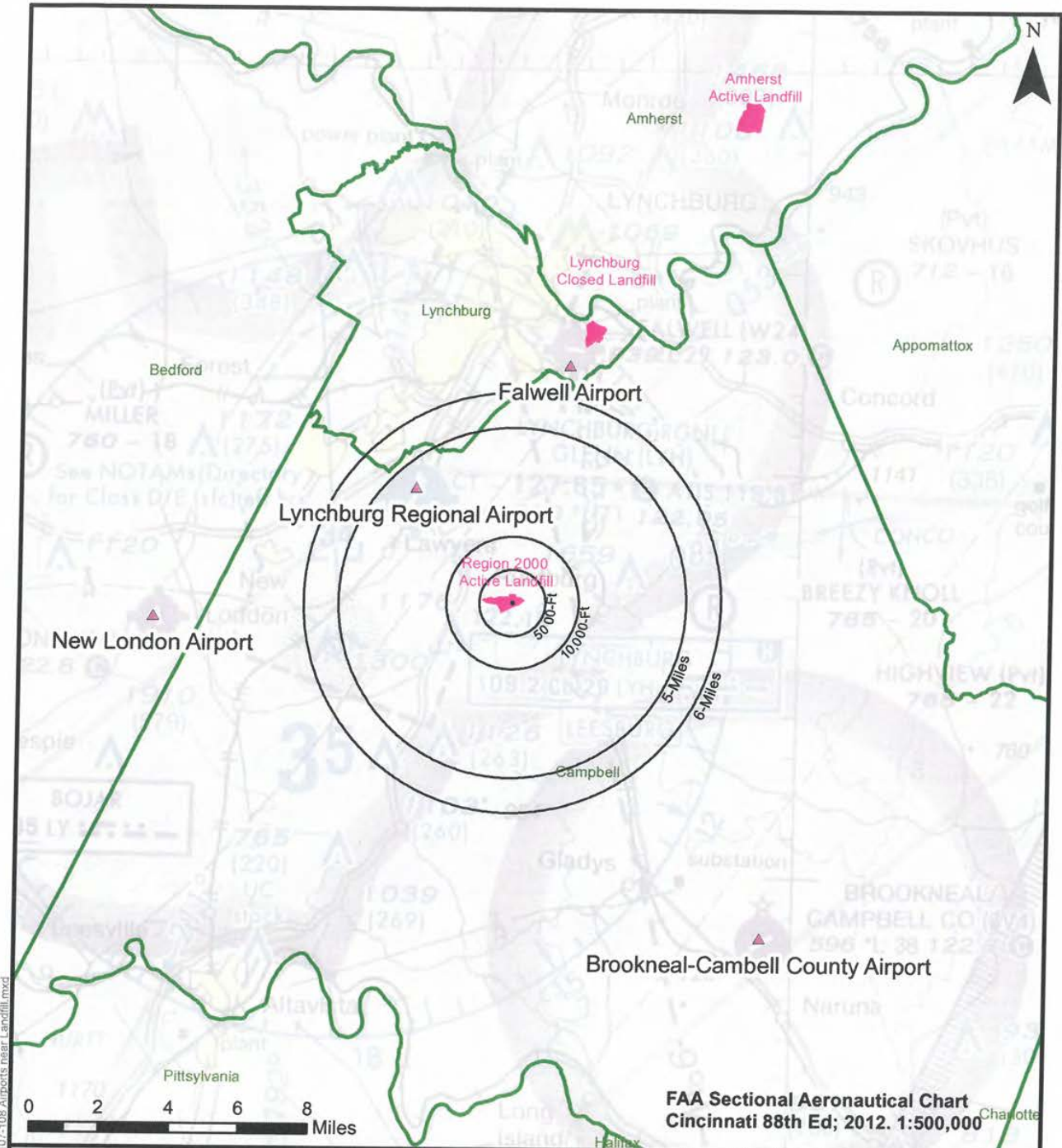
DESIGNED: JWJ  
DRAWN: JWJ  
CHECKED: WGH  
DATE: 01/05/15

FIGURE

1

Drawing2.dwg January 5, 2015 5:06:18 PM





**Airports in the Region of Landfill**

Region 2000 Regional Landfill  
Campbell Co, Virginia

SCALE 1:250,000

PLAN NO. B09107-108



**Draper Aden Associates**  
Engineering • Surveying • Environmental Services

2206 South Main Street  
Blacksburg, VA 24060  
540-552-0444 Fax: 540-552-0291

Richmond, VA  
Charlottesville, VA  
Hampton Roads, VA  
Coats, NC

DESIGNED LPK  
DRAWN SMF  
CHECKED LPK  
DATE 04-29-15

FIGURE

2

Path: P:\B09107\B09107-108\A09107-108-Airports near Landfill.mxd





## Jason Williams

---

**From:** Robert.P.Alexander@faa.gov  
**Sent:** Wednesday, April 29, 2015 12:03 PM  
**To:** Jason Williams  
**Subject:** RE: Landfill in Campbell County

The FAA has no objection to the continued filling of this landfill as long as the heights stay at or below what was specified in the determination.  
Once construction has started, there is no longer an expiration date.

Robert P Alexander  
Obstruction Evaluation Specialist  
NY, NJ, DE, DC, WV, GA  
[Robert.p.alexander@faa.gov](mailto:Robert.p.alexander@faa.gov)  
718-553-4546

---

**From:** Jason Williams [mailto:jwilliams@daa.com]  
**Sent:** Wednesday, April 29, 2015 11:07 AM  
**To:** Alexander, Robert P (FAA)  
**Subject:** Landfill in Campbell County

Mr. Alexander,  
Thank you for your time this morning. As we discussed previously the Region 2000 Landfill (formerly known as Campbell County Landfill) is in the process of expanding the existing landfill, which has been in operation since 1994 (other portions since 1979). The proposed expansion includes the connection of the two previously permitted phases of landfill area to create one continuous landfill mass still contained within the original overall landfill footprint. (See attached figure) This expansion will not result in an increase in the facility's maximum height. In 1994 FAA issued a determination approving the landfill's maximum height of 1048 AMSL (ASN: 1994-AEA-999-OE). In a previous conversation you confirmed a new determination would not be necessary as we are simply connecting the two existing waste masses and will not exceed the previously approved maximum height. Can you please confirm this is correct?

In addition, another question has arisen. Is there an expiration on the obstruction approval? As is typical for landfills, incoming waste streams vary over the years and therefore the estimated year of closure changes as well as the size of the working face (active disposal area). Does this impact the obstruction approval? Once filled the landfill will be a permanent obstruction. It is our understanding the rate at which it is filled has no bearing and in the case of landfills, the obstruction approval has no expiration. Can you also confirm this understanding?

Respectfully,

Jason Williams, PG  
Environmental Program Manager

**Draper Aden Associates**  
*Engineering • Surveying • Environmental Services*  
*Lasting Positive Impact*

direct 910.897.7070 / fax 910.897.6767 / mobile 757.355.1692

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## Jason Williams

---

**From:** John.Weller@faa.gov  
**Sent:** Monday, May 4, 2015 2:13 PM  
**To:** Jason Williams  
**Subject:** RE: Landfill in Campbell County

Jason,

Just wanted to reply and tell you I see no issues with the proposed expansion but have asked an Environmental Specialist within our FAA HQ office to take a look and get back to me just to be sure everything is being done according to our guidance. He'll let me know soon and I'll pass it on.

*John R Weller*

John R Weller – National Wildlife Biologist  
Federal Aviation Administration (FAA)  
800 Independence Avenue SW  
Washington, DC 20591

Office: (202) 267-3778

Fax: (202) 493-1416

[John.Weller@faa.gov](mailto:John.Weller@faa.gov)

---

**From:** Jason Williams [mailto:jwilliams@daa.com]  
**Sent:** Thursday, April 30, 2015 9:02 AM  
**To:** Weller, John (FAA)  
**Cc:** Lynn Klappich  
**Subject:** Landfill in Campbell County

Mr. Weller,

Thank you for your time this morning. As we discussed the Region 2000 Landfill (formerly known as Campbell County Landfill) is in the process of expanding the existing landfill, which has been in operation since 1994 (other portions since 1979). The proposed expansion includes the connection of the two previously permitted phases of landfill area to create one continuous landfill mass still contained within the original overall landfill footprint. (See attached figure) This expansion will not result in an increase in the facility's maximum height. In 1994 FAA issued a determination approving the landfill's maximum height of 1048 AMSL (ASN: 1994-AEA-999-OE).

As shown on the second attached figure the landfill is located approximately 4 miles from the Lynchburg Regional Airport. However, as defined in circular 150/5200-33B this landfill is not considered a new landfill. As such it is our understanding the prohibitions included in circular 150/5200-33B and 150/5200-34A are not applicable to this project as they only apply to "new" landfills.

It is also our understanding that as required by 40 CFR 258.10 and the Virginia Solid Waste Management Regulations we notified the Lynchburg Airport who in turn notified FAA of the expansion. There is no additional unique notification required specific to wildlife attractants as this facility is not considered a "new" landfill. Any required review or notification is covered by the initial notice to FAA.

As discussed, please confirm our understanding so we can ensure we have followed applicable requirements for this project.

Again thank you for your time this morning.

Respectfully,

Jason Williams, PG  
Environmental Program Manager

## [Draper Aden Associates](#)

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**Attachment 8**

Molly Joseph Ward  
Secretary of Natural Resources

**COMMONWEALTH of VIRGINIA**  
**DEPARTMENT OF ENVIRONMENTAL QUALITY**  
**Blue Ridge Regional Office**  
www.deq.virginia.gov

David K. Paylor  
Director

Robert J. Weld  
Regional Director

**Lynchburg Office**  
7705 Timberlake Road  
Lynchburg, Virginia 24502  
(434) 582-5120  
Fax (434) 582-5125

**Roanoke Office**  
3019 Peters Creek Road  
Roanoke, Virginia 24019  
(540) 562-6700  
Fax (540) 562-6725

April 28, 2015

Mr. Clarke Gibson, P.E., Director  
Region 2000 Services Authority  
361 Livestock Road  
Rustburg, VA 24588

Re: Region 2000 Regional Landfill – Livestock Road Facility, SWP 610  
Part B Modification, Final Technical Review

Dear Mr. Gibson:

The Virginia Department of Environmental Quality (DEQ) Blue Ridge Regional Office (BRRO) is in receipt of the revised drawings and the evaluation of the Phase IV underdrain report for the Part B Permit Modification dated September 23, 2014. The submittal was prepared on behalf of Region 2000 by Draper Aden Associates. The revised pages were received on April 28, 2015 in response to the Department's technical review dated April 21, 2014.

The Part B Modification response letter and the replacement pages have been reviewed for technical adequacy in accordance with 9 VAC 20-81-450.D.3 of the Virginia Solid Waste Management Regulations (VSWMR, 9 VAC 20-81-10, *et seq.*). Based on this review the application appears to be *technically adequate*. At this time, the Department will prepare the draft permit and move forward with the permit approval process. If you have any questions about the Part B application approval process, please contact me at (434) 582-6243 or christopher.keehan@deq.virginia.gov.

Please note this letter should not be considered a legal opinion or a case decision as defined by the Administrative Process Act, Code of Virginia § 2.2-4000 *et seq.*

Sincerely,

Christopher Keehan  
Solid Waste Permit Writer

cc: Bill Hase, P.E., Draper Aden Associates  
Lynn Klappich, Draper Aden Associates





COMMONWEALTH of VIRGINIA

DEPARTMENT OF ENVIRONMENTAL QUALITY  
Street address: 629 East Main Street, Richmond, Virginia 23219  
Mailing address: P.O. Box 1105, Richmond, Virginia 23218  
Fax: 804-698-4019 - TDD (804) 698-4021  
www.deq.virginia.gov

Molly Joseph Ward  
Secretary of Natural Resources

David K. Paylor  
Director

(804) 698-4020  
1-800-592-5482

March 24, 2015

Ms. Lynn Klappich  
Draper Aden Associates  
2206 South Main Street  
Blacksburg, VA 24060

Re: Region 2000 Solid Waste Management Plan (SWMP)

Dear Ms. Klappich:

This letter is in response to questions raised in your March 16<sup>th</sup> email about the required submittals that must accompany Region 2000 Solid Waste Management Plan (SWMP) amendment. Based upon the information provided to the Department, a major plan amendment is required for addressing withdrawal of the City of Bedford from the Region 2000 and also an increase in landfill capacity.

Per 9VAC20-130-220, amending the solid waste planning unit boundaries requires each locality of Region 2000 submit a letter acknowledging the change in the boundary.

The other inquiry in your e-mail is related to the required resolutions from each locality for amending the SWMP. Per your email, the Region 2000 Authority Board is made up of appointed leaders for the members of the planning unit, and they are vested with the authority to act on behalf of their localities. In this case, we concur with your analysis that the Authority Board could approve vote and approve a proposed plan modification and submit the amendments to the SWMP to DEQ.

The amended plan submittal shall include the public participation information required per 9VAC20-130-130.B., of the SWMP regulations.

This letter should not be considered a legal opinion or case decision as defined by the Administrative Process Act, Virginia Code § 2.2-4400 et seq.

If you have any questions, please contact Steve Coe at 804-698-4029 or via email at [steve.coe@deq.virginia.gov](mailto:steve.coe@deq.virginia.gov).

Sincerely,

A handwritten signature in blue ink, appearing to read "Sanjay Thirunagari".

Sanjay Thirunagari, Program Manager  
Division of Land Protection & Revitalization

Cc: Steve Coe – DEQ CO; DEQ RO

# Region 2000 Services Authority

**Attachment 9b**  
**pp 34 - 39**

## Region 2000 Services Authority Public Hearing Yellow Branch Elementary School April 22, 2015 5:30 p.m.

### Minutes

#### **Board Members Present**

Steve Carter ..... Nelson County  
Kim Payne..... City of Lynchburg  
Frank Rogers..... Campbell County  
John Spencer (for Aileen Ferguson) .....Appomattox County

#### **Others**

Robert Arthur ..... Region 2000  
Emmie Boley ..... Region 2000  
Gary Christie..... Region 2000  
Susan Cook ..... Region 2000  
Clarke Gibson ..... Region 2000  
Larry Hall..... Region 2000  
Brendon Hefty.....Hefty, Wiley, & Gore  
Lynn Klappich ..... Draper Aden  
Clif Tweedy ..... Campbell County  
Felicia West ..... Region 2000

#### **Campbell County Residents Present**

Chris Amos	Stan Goldsmith
Brandon Ashby	Todd Hall
Jessica Ashby	Jon Hardie
Eric & Sharon Barringer	Michelle & Tae Kim
Jackie & Joel Barringer	Debra Lovelace
Don Barnett	Berndt Luchs
Bill Carwile	Paul Rosser
Frank Davis	Donald Saunders
Robert Day	Nina Thomas
Chip Dennis	Eric Zehr
Anne Thomas Doyle	
Watt Foster	

## 1. **Welcome and Approval of the October 22<sup>nd</sup> Meeting Minutes**

Chairman Kim Payne welcomed everyone and opened the public hearing at 5:50 p.m.

Kim explained that any major amendment to the Region's Solid Waste Management Plan requires a hearing in the locality most impacted by the amendment. This major amendment addresses the proposed additional capacity through a lateral expansion at the Permit 610 Landfill (the Livestock Road Landfill). The permitting for this lateral expansion is currently undergoing review by the Dept. of Environmental Quality. These major amendments also address the withdrawal of the City of Bedford, now the Town of Bedford.

## 2. **Visual Views Showing Lateral Expansion**

Clarke Gibson, Service Authority Director, showed visual views and drawings of the lateral expansion and explained that this is an expansion within the existing footprint. The landfill is currently working in Phase 3, and will be joined with the currently permitted Phase 4, by permitting about 6 acres in between Phase 3 and Phase 4. This would be done without increasing the height of the landfill.

## 3. **Public Comment**

Kim Payne opened the public comment period, and asked that limiting comments to three minutes would be appreciated. Mr. Payne offered to answer questions after everyone had a chance to comment during the public comment period.

1) **Don Barnett, 367 Barringer** – As a helicopter pilot for the hospital, one of Mr. Barnett's biggest concerns is increased wildlife such as birds that present a hazard to aviation in the area. He advised that currently the landfill is violating the safe distance for an airfield. Currently the cells are within four miles of runway 4. According to FAA guidance, if an owner proposing to locate or expand within five miles of the public control way of the affected airport, the regional FAA office must be notified. He has spoken with the director of the airfield, and the airfield director is opposed to the expansion. He has been trying to get an answer from the EPA and from the FFA. Mr. Barnett stated that everything he has seen shows that the expansion and the current operation both are in violation.

2) **Chip Dennis, Willow Lane** – Mr. Dennis stated that the lake is less than ½ mile downstream from the landfill, which is located at the headwaters that flow into Willow Lake. He added that about a month ago, early in the morning on March 15 a 250,000 gal. waste tank leaked several thousand gallons of toxic waste water from the pump station, with back-up safety features malfunctioning. Mr. Dennis asked for a full, complete, unbiased, and transparent investigation. Mr. Dennis also asked why the adjoining landowners were not notified of the spill in March. He also cited buzzards as a hazard of the landfill.

3) **Jon Hardie, 601 Calohan Rd.** – Mr. Hardie cited issues related to the landfill: the smell of waste, methane gas, dead animals, long term health implications, the threat of contaminated ground water, littered highways, nuisance of wildlife, destruction of scenic drive, declining property values, and stunting of economic growth. Mr. Hardie encouraged the Authority to consider a new management plan in 2022 that would hold all Regional partners accountable.

4) **Carter Elliott, 2112 Suburban Rd.** – Mr. Elliott commented that he feels it is wrong that there are no elected officials on Region 2000, which doesn't allow for direct political accountability. Because the landfill is located in Campbell County, Mr. Elliott also feels that Campbell County should have more than one representative for the landfill. Mr. Elliott noted that there is a problem with buzzards.

5) **Robert Day** – Mr. Day's first concern was that adjacent landowners were not notified of the proposed expansion. Some of the obvious issues are increased air and sound pollution, decrease in the quality of life, extension of time for the landfill operation, concern about the height, and lack of credibility of the Authority. Mr. Day asked what is to keep the Authority from raising the height of the landfill.

6) **Nina Thomas, Calohan Rd.** – Mrs. Thomas stated that she has lived on Calohan Road all of her life, and she and her husband have invested in their land to enhance their retirement. However, several years ago they began to notice the terrible odor and hear loud noises. This has affected the value of their property. Mrs. Thomas asked that the landfill be moved.

7) **Eric Barringer, 177 Holland Ct.** - Mr. Barringer stated that the odor from the landfill has been untenable from about February of 2014. He added that property values could decrease by as much as 50% for people living within ½ mile of the landfill. Mr. Barringer also gave destruction of the wetlands and leakage as concerns for residents. He urged the Authority to reconsider operating the landfill at another location in Campbell County, and to look for a more rural area in either Campbell County or another county participating in Region 2000.

8) **Watt Foster, Brookneal, VA** – Mr. Foster stated that he is opposed to the landfill expansion, and that each county needs to take care of their own trash. He added that the area cannot afford the economic devaluation being created by the landfill. Mr. Foster said that he was willing to pay more taxes to close this landfill.

9) **Eric Zehr, 81 New Covenant Ln.** – Mr. Zehr announced that he is not speaking as a Campbell County Board member, but as a concerned neighbor. He said that he lives about ½ mile from the landfill, and during the summer he is embarrassed to have someone come to his house due to the intolerable odor.

10) **Bill Carwile, 921 Calohan Rd.** – Mr. Carwile advised that the odors became noticeable in 2012. He said that they can live with what is going on now until 2020, but is not sure that those in the neighborhood can live with the devaluation of property

and the effect on their lives. He has been charting the odors since October 31 and 32% of the days he has smelled odors of some sort originating from the landfill.

**11) Todd Hall, Colonial Hwy.** – Mr. Hall stated that the area where the landfill is located north to the City of Lynchburg has been one of the few areas of consistent growth. He listed those impacted within a two to three mile radius: Yellow Branch Elementary School, Rustburg Elementary School, Poplar Ridge, Carriage Grove, Russell Springs, Happy Valley, Shannon Falls, Oak Hill, Sunnymeade, Lazy Creek, Goff Road, Hyland Springs, and Hyland Heights Church. By extending this area by four to five miles, Rustburg High School, Ward’s Crossing, and Liberty University would also be impacted. Mr. Hall said that he is most concerned with the negative impact further expansion will have on the future economic growth along what is considered the primary corridor from the south, into our region. He questioned why Campbell County leadership is not fighting expansion on behalf of their constituents. He also questioned whether the revenue stream is driving leadership to support the expansion. Also, he asked who in the County is responsible for distributing information on this subject to the public, notifying of public meetings.

**12) Donald Saunders, 395 Lazy Creek Drive** – Mr. Saunders stated that he is opposed to the expansion and wants to see the landfill leave Campbell County as soon as possible. He worries about the quality of the water in the area he lives, property values, but mainly his wife’s health.

**13) Berndt Lucks, 83 Holland Court** – Mr. Lucks stated that he is also opposed to the expansion for health, safety, quality of life, and property value reasons that have already been stated. He also has concern for the lack of safe practices used by the landfill. There has been no activity regarding the planting of vegetation on the back side of the hill. There were several promises made by the authorities of Region 2000 that there would be a protective barrier put on top of the landfill at the end of each day, but he has not seen this being done.

**14) Chris Amos** – Mr. Amos stated that he is appalled by the lack of transparency through Region 2000. He said that he has been told they would get emails when there were meetings, but no one has ever gotten any notice. He added that issues have been covered up, and midnight deals made. Mr. Amos also made the observation that he felt that Mr. Carter and Mr. Spencer do not care about Campbell County, as they are not representative of Campbell County. He also has never seen any efforts to initiate a recycling program.

#### **4. Questions and Answers**

- Is there anything that can be done to stop the expansion?  
Answer – The Authority can vote against it, or the DEQ can deny a permit.
- What is to keep Region 2000 from raising the height?  
Answer - The height is determined by the permit. Lynn Klappich also advised that the DEQ does not allow landfills to be steeper than 3:1. She also advised that County approval is required for the lateral expansion, and is called the Local Government Certification. This was approved by the County in February of 2014.



- When is Phase 3 due to close?  
Answer – Clarke Gibson answered that Phase 3 will not close until it reaches capacity in 2016 – 2017. There is intermediate cover on all of the slopes to the current operational height, or at least a 4” stand of grass on all slopes.
- What is the final height of Stage 3?  
Answer – Approximately 1,050 feet above sea level. We are currently at about 965 feet. When moving out of Stage 3 grass and vegetation will be placed and it will remain until the final contract to cap the landfill. Stage 4 will be the same height.
- Why were residents not told if there was a spill?  
Answer – Clarke Gibson explained that the spill was immediately contained and the DEQ was notified. Authority members were notified the next morning. He said that he would post all of the documentation in relation to this on the website.
- Why is a public hearing being held after approval has already been received from Campbell County for the expansion, and amendments to the Management Plan have already been approved?  
Answer – The amendments cannot be submitted to the DEQ until a public hearing has been held. The Authority is required to advertise the public hearings in the newspaper. They are also published on the website.
- Is it too late for Campbell County to retract approval of the expansion?  
The Authority does not know the rules of procedure in the County.
- Who in DEQ does the landfill report to?  
The DEQ office is on Timberlake Road, and they work under the supervision of the Blue Ridge office in Roanoke.
- What are the financial incentives for the various counties?  
Some communities do receive host fees or payments in lieu of taxes. This is an issue that is on the Services Authority agenda to discuss. Both Campbell County and the City of Lynchburg have been receiving a portion of the revenues from the landfill operations each year.
- Has the FAA been notified of the expansion?  
Lynn Klappich answered that the original permit was filed with the FAA and was approved in the 90’s. The expansion was reported to the FAA and the airport six months ago, and no response has been received.
- Who gets the excess revenue from 2022-2029?  
Lynchburg payments run out in 2021.
- Has lumber been removed from the Bennett property yet?  
In order to excavate soils, 25 to 28 acres of timber have been cleared.
- Timeline for approval with the DEQ?  
Lynn Klappich explained that there is a 3-part process:
  - 1) Approval by DEQ of the Solid Waste Management Plan
  - 2) Technical response #2 from DEQ with three comments; they should be able to turn that around and back to DEQ within a week or two. It will be reviewed and a draft permit issued, and will advertise a public comment period for technical comments on the design in the newspapers.
  - 3) Comments will be addressed or final permit issued. This process could take 60 days.
- The Solid Waste Management Plan will be voted on at the next meeting on May 13.

- The odor study was approved at the Services Authority today, April 22.
- Has this area outgrown this type of intensive landfill operation?  
The Authority has the obligation to talk about the long-term future of the landfill.
- Why didn't Appomattox and Nelson County take their trash to Amelia instead of Region 2000?  
For Nelson County it is a cost savings.  
For Appomattox pooling resources allowed a larger quantity and lower unit cost.

The public hearing adjourned at 7:30 p.m.

Date: May 4, 2015  
To: Region 2000  
From: Robert Day Jr.

RE: Comments about 6 acre parcel, landfill lateral extension

I am writing to object to the lateral extension. Several of the reasons are objections you have already heard from others, but I will give them anyway.

- The smell is bad, and continues to worsen. This past weekend was the worst yet, as I could not even go outside this past Saturday for several hours, and endured the smell even after that to get some yard work done. What would YOUR life be like if you had to put up with that? The quality of life is non-existent, and my grandchildren are growing up having to deal with both the noise and the smell. The longer the landfill operates, the more foul odor it will generate. When our postman delivered mail last week, he commented on the smell at our house, and then told us he notices the odor in subdivisions a couple of miles away from our house.
- Property values have already been affected, and, with the 9 year extension of closing the land fill provided by the lateral extension, will be affected for a big portion of many people's lives, certainly most of mine. As an example, my son, who lives 700 feet behind me, and adjacent to the Bennett property, tried to sell his house, and could not even get an offer directly because of the landfill. Others in the poplar Ridge subdivision cannot even get realtors to list their homes.
- The "6 acres" is a misnomer. The true size is approximately 22 acres at the top, when all the calculations are done.
- Originally Region 2000 presented the current landfill to the Campbell County Board of supervisors without the lateral extension. At the community meeting, it was said that the Board of Supervisors approved the extension in February of 2014. Research cannot find any such approval, nor was there anything publicized about it whereby residents could comment at a meeting to the board.
- The "coincidence" of the timing of the community meeting date and the end of the comment period is such that there was no time to get on the agenda of the Board of Supervisors meeting to voice an objection and solicit their involvement in the matter. That "coincidence" went further to the extent that even if we were able to somehow bring the matter up to the Board at the May 5<sup>th</sup> meeting, it would be beyond the comment period timeframe.
- There will be a loss of revenue in the form of unrealized income due to individuals not building residences and businesses not choosing to open shop along the 29 corridor in the ever-widening smelling radius of the landfill.



- The current financial arrangement between the counties involved in the landfill expires when the current approved capacity is reached. In other words, you are considering the prospect of the lateral extension without having all of the pieces in place before you move forward.

I could go on, but you have heard it before. The feeling many people in the area have is that you don't care because you don't live here. You have made no other plans that I know of to do something different if you do not go forward with the extension, which conveys the thought that this is something you have already made a decision on. In other words, it's a "done deal".

Given that I do not believe you will pay any attention to requests to turn down the lateral extension, I am requesting a 60 day cooling off period before you make your decision. This will give time for residents to get on the agenda for the next Campbell County Board of Supervisors meeting, and allow the Board time to comment to Region 2000 if they choose to do so.

Respectfully submitted,

Robert Day Jr.

821 Calohan road

Rustburg, VA 24588

bedayinva@aol.com

434-665-8893

## Gary Christie

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**From:** SWMPcomments  
**Sent:** Monday, May 04, 2015 8:10 AM  
**To:** Gary Christie; 'Kim Payne (kpayne@lynchburgva.gov)'; 'Steve Carter'; susan.adams@appomattoxcountyva.gov; Rogers, Frank J. IV; 'bill@heftywiley.com'; 'Lynn Klappich'  
**Subject:** FW: SWMP Comment

FYI

**From:** Don Barnett [mailto:donald.a.barnett@gmail.com]  
**Sent:** Sunday, May 03, 2015 4:55 PM  
**To:** SWMPcomments  
**Subject:** SWMP Comment

Donald A. Barnett

367 Barringer Dr.

Rustburg, VA 24588

Phone (910) 546-0145 (m) (434) 821-2243 (h)

[donald.a.barnett@gmail.com](mailto:donald.a.barnett@gmail.com)

May 2, 2015

Dear Sir or Madam,

I am in opposition to the lateral expansion of the Region 2000 Services Authority MSWLF located at Livestock Road, Rustburg, VA.

There are many in the community who have spoken on numerous occasions as to why they are opposed to the operation of the consolidated landfill in its current location. I have made several arguments over the years as to why I believe this is not a fitting location for the landfill. Today I will make a singular argument.

Since December of last year I have been in pursuit of answers from the FAA with regard to the location of the landfill in relation to Lynchburg Regional Airport. After speaking to an FAA wildlife biologist, corresponding with the Washington ADO representative for Lynchburg Regional, and being put in contact with a Senior Civil Engineer/Airport Certification and Safety Inspector from the Eastern Region branch of Safety and Standards, I am confident that the lateral expansion is in violation of 40 CFR 258, Chapter 2, Subpart B.

I have spoken to the director of Lynchburg Regional, the head of the aviation program for Liberty University, and have been put in contact with the Director of Safety for Liberty University. There is no denying that the current cell and all proposed lands for landfill use at the current location are within five miles of the ends of runways 04 and 35 at Lynchburg Regional. There is no denying the landfill is directly between Lynchburg Regional and Brookneal airfield, the primary outlying airfield used by Liberty aviation students. There is no denying that the increase in turkey vultures, gulls, hawks, falcons, and even bald eagles is a direct result of the landfill operations. Lastly, there is no denying that because of the bird activity in close proximity to these two airfields, the landfill is a hazard to aviation.

If followed to the letter, 40 CFR 258 is the reason the lateral expansion should not take place. In fact, per Chapter 2, Subpart B, Paragraph 2.2.2 "Applicability" the landfill should be closed. This based on the stated definition of "bird hazard means an increase in the likelihood of bird/aircraft collisions that may cause damage to the aircraft or injury to its occupants." And, "Owners and operators of new MSWLF units, existing MSWLF units, and lateral expansions of existing units that are located near an airport, who cannot demonstrate that the MSWLF unit does not pose a bird hazard, must close their units."

Neither I, nor any Emergency Medical Services helicopter pilot I can imagine, would take unnecessary risk with the lives of those with which we are entrusted. I ask that you consider the fate of someone you care about, as I, or one of my fellow pilots traverse the airspace near the landfill en route to the hospital. Helicopters are magnificent machines, but inherently unstable, and if the pilot is incapacitated due to a bird strike such as a turkey vulture, the results are catastrophic.

Sincerely,

Donald A. Barnett

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This message has been scanned for viruses and dangerous content by Rose Computers, and is believed to be clean.

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Robert L. & Nina C. Thomas  
711 Calohan Road  
Rustburg, VA 24588-4441  
434-821-8509  
[ninaandbick@gmail.com](mailto:ninaandbick@gmail.com)

Region 2000 Services Authority  
316 Livestock Road,  
Rustburg, VA 24588  
[SWMPcomments@region2000.org](mailto:SWMPcomments@region2000.org)

Gentlemen:

We, Robert and Nina Thomas, live at 711 Calohan Road. Nina was born and raised on Calohan Road. She and I acquired 50 acres here in 1964, built our home and raised two children. We invested in adjoining land for our future. All went well until the Campbell County opened a landfill behind the property. It was noisy but not overly noticeable or offensive, handling mostly Campbell County waste. Information was, it would be closed and be gone around 2012.

Instead of closing, the land and landfill were sold to Region 2000, who not only did not close the site, but expanded it. The expansion not only handled Campbell County waste but also waste from Bedford County, Nelson County, Appomattox County and Lynchburg.

The operation has continued to expand with the acquisition of three hundred plus acres of the adjoining Bennett property. With the expansion has come problems. The landfill is accepting sludge from Lynchburg along with the usual neighborhood and industrial waste.

The sludge alone has created a terrible environment for all who live within a mile of the landfill because of the foul odor. An odor so bad that people driving down Calohan Road have asked, "What in the world is that awful odor?"

Plans for the landfill have repeatedly changed as conditions changed. The current plan, as we understand it, is to complete what is called phase 3 and move on to phase 4 which would close the whole operation around 2021.

There is an area of wetlands, containing approximately six acres, lying between phase 3 and phase 4. The landfill operation wants to obtain a permit to tie the two phases together. Due to the volumetric shape of this space – instead of only six acres – at the ground level – by the time the permitted height (1040 ft.) of phase 3 and 4 are reached, nearly twenty acres of area will be added. This addition would result in nearly thirty years of usage from now.

As a result of the current odor and other problems, all who have homes and property in this area have realized a sharp decline in property value – and will experience this problem for years to come.

We are definitely opposed to any expansion at the landfill operation and ask that Region 2000 Service Authority deny the six acre expansion permit.

Sincerely,

  
Robert L. Thomas

Cc: Board of Supervisors, Campbell County



Jon Hardie

601 Calohan Rd.  
Rustburg, Va 24588  
434-941-6486  
jonhardie5@gmail.com

April 22, 2015

Region 2000 Services Authority Board Members,

It has come to my attention that in one of the most beautiful parts of Campbell County, between Route 29, Calohan Road, and Colonial Highway, there are plans to expand the landfill. Within the last year, my family has bought land and built a house on Calohan Road nearby. Our family is moved to Rustburg to be closer to family, enjoy the country, and become a stronger part of the community that we love and are active in.

Recently, I have learned of plans your organization has made to expand the landfill laterally. While you have met the minimum requirements by posting this information publicly in a newspaper, we have never received any information directly from your organization or Campbell County of a potential landfill project that, if approved, would greatly impact our property value and daily living conditions.

My concerns related to the expansion go beyond myself and my family, they go to my neighbors and community. This project will negatively impact surrounding families, the Rustburg community, and Campbell County for generations to come. This is a pivotal economic issue related to future residential and business growth of a densely populated area in Campbell County. If approved, for those additional 7 years (2022-2029), Campbell County Citizens, especially those that live nearby, will have to live with the following:

- Smells of waste, methane gas, dead animals, and human waste/sludge that have been documented to travel as far as a mile away
- Long term health implications and cleanup costs that continue to rise for future generations
- The increasing threat of contaminating groundwater supply/drinking water
- Littered highways on two of our major corridors, largely a result of being the regional waste pit
- The nuisance of wildlife/vermin issues that come with a landfill in the form of sea gulls, vultures, rats, mice, etc. that feed off of the contents in the landfill and visit nearby residences and businesses, all from the landfill
- The destruction of a scenic drive on Rt.24 where you can already see open trash daily as you drive from Rustburg, our county seat, towards the most populated area of our county

None of those items are good for local residents living in the area, but there are issues that concern all Campbell County citizens related to this matter:

- Declining property values in the area surrounding the landfill, which decreases Campbell County Revenue and increases the tax burden across county residents
- The stunting of economic growth in an area of our county that is ripe with potential for the expansion of businesses and the creation of new residences that strengthen our economic base
- Specific economic impacts to the central and southern sections of Campbell County
  - Unrealized loss of new businesses starting in the central and southern Campbell County and the economic impact of business choosing to do business elsewhere
  - Unrealized loss of new families building new residences in the central and southern Campbell County and the economic impact of those families never spending their dollars in our communities
  - Residents moving away from Campbell County to other communities
- Lack of control and regulation by our local government on a non-profit and issue that impacts Campbell County residents the more than other Regional Members

Region 2000 and the other member localities will always have reasons for a Regional Landfill to stay in Campbell County (ease, infrastructure, and cost), but you won't admit that the other localities don't want the Regional Landfill in their locality they only want to contribute tonnage.

The original agreement for the Regional Landfill at Livestock Road was to fill this area by 2022, by then you will have used 41 years of landfill space that Campbell County brought to the table. The original commitment is enough, honor that commitment and leave the Livestock Road site in 2022 allowing economic growth to flourish in an important part of our county. Those seven years, 2022-2029, are vital to the success of our local government and individual communities to remain a viable option for residents and businesses in the future. Region 2000 should not control Campbell County's future! We do not want our community to be known as "The Home of the Region 2000 Landfill". Challenge all Region 2000 members to solve the solid waste issue and host the landfill, not just Campbell County. People solve problems when ownership and accountability includes everyone involved, be accountable, all members should host. Under your current structure why would anyone in Lynchburg, Nelson, or Appomattox care about recycling or what goes into the landfill, out of sight, out of mind.

I urge the Region 2000 Services Authority Board Members to withdraw your expansion plans for the Livestock Road site and explore other options so that this potential high growth area of Campbell County can flourish and become an even stronger economic asset for all members of Region 2000 to enjoy.

Sincerely,

  
Jon Hardie

William A. Carwile  
921 Calohan Road  
Rustburg, Virginia 24588  
U.S.A.

Home Phone: (434) 821-3351 / Cell: 434-660-2368  
Email: bearwile123@yahoo.com

May 2, 2015

Region 2000 Services Authority  
316 Livestock Road  
Rustburg, VA 24588

RE: Region 2000 Services Authority  
Special Use Permit Application  
and Lateral Expansion

Region 2000 Services Authority,

I have lived continuously on my property at 921 Calohan Road, Rustburg, Virginia 24588 or the adjacent property since 1968 and at 921 Calohan Road continuously since 1975. I purchased approximately 11.92 acres and my existing house from my father, Atwood S. Carwile, in November of 2002 just prior to the time when he moved into an independent living facility.

Recently Region 2000 Service Authority requested permitting for a "lateral expansion" of the current landfill. I am opposed to the landfill lateral expansion because of the offensive odors that originate from the landfill, the potential to contaminate my well water and the inevitable decline of property values and economic activity that will happen if this expansion is permitted.

Campbell County established an unlined landfill in my neighborhood in 1979 on 159 acres. The Northeast corner of my property shares a property corner with the Region 2000 Landfill and is approximately 200 yards from my house. The unlined Phase II of the Campbell County site permanently closed in 1995. Operations of Phase III, continued until 2007 when ownership of the Campbell County Landfill operation was transferred to Region 2000 Services Authority. The result, a much larger regional operation consisting of the City of Lynchburg, Campbell County, Amherst County, Appomattox County and Bedford City on property located in Campbell County in one of the most desirable mixed residential and farm communities in the area. Landfill operations at the Campbell County site were closed in July of 2008 to switch all trash of the Region 2000 members to the Lynchburg landfill on Concord Turnpike until that site was filled. The agreement included the operation of Phase IV following the filling of Phase III. The anticipated date for the landfill to be filled to capacity and closed at that time was projected at around 2021.

In July 2012, all Region 2000 landfill operations were moved from the now filled Concord Turnpike facility in Lynchburg, Virginia back to the Livestock Road Facility in Campbell County. Shortly after this time I began to notice strong and unusual odors on my property. I had never experienced any odors on my property before this time (almost 30 years) which could be attributed to the landfill operation. Eventually I realized that the odors were coming from the nearby landfill site.



Now in 2015, Region 2000 Service Authority has applied to DEQ for a permit for a "lateral expansion" of the current landfill. If granted by DEQ this expansion will add approximately 6 acres to the existing landfill and extend the life of the regional landfill from roughly 2021 to about 2031. The planned closure height of the operation is 1040 ft above sea level (high point on my property is approx. 980 ft. above sea level). The top of the completed landfill will extend to about half the height of the mature oak trees that are now on the rear of my property.

Not long after regional landfill operations began behind my property, and after I noticed the odors, I learned from Supervisor Hugh Pendleton, that this waste included approximately 80 tons per day of lime treated sewage sludge that had previously been going to the Concord Turnpike facility. About 70 tons per day of this material comes from the Lynchburg Solid Waste Facility on Concord Turnpike. The smell of sewage sludge is definitive and often includes a strong ammonia smell from the lime pretreatment. Now I knew what I was smelling.

This sewage sludge creates extremely strong and offensive smells that invade my property, my house and the entire Calohan Road corridor as well as parts of Greenhouse Road and Colonial Highway (Rte 24). The offensive odors are not continuous but typically coincide with periods of low wind, low cloud cover or wind blowing from the landfill property toward my property. The smell is so strong at times that it requires that my family and I refrain from outside activity and we always must keep all windows and doors in the house closed. This contamination of my house and property occurs despite the fact that my house is located over 200 yards from the landfill property line with a high density of mature hardwoods between my house and the landfill.

If the wind blows from the North or North East I smell the landfill odors. Since October 31, 2014, I have been keeping records of "odor events" including odor descriptions, weather conditions, and wind details. Between 10-31-14 and 4-22-15 ( 174 days), I experienced 57 days in which odors were present at some time during the day or night and 101 separate "odor events" as often the odors come and go throughout a given day resulting in multiple "events". The result is odors occurring on 32.7 % of all days in this period. Typically the odors smell like sewage and are often coupled with a strong ammonia smell which is consistent with the odor of lime treated sewage sludge.

More recently, I have experienced two other smells which are a garbage odor coupled with a strong sulfur or rotten egg smell or a fishy smell which I have learned are consistent with landfill gas.

I have shared my odor records on two occasions with Mr. Robert Arthur of Region 2000 Landfill and he has been to my property a number of times and noted the odors. I have also discussed this issue by telephone with Mr. Doug Foran with DEQ and he has spent some time in the neighborhood surveying odors. I voiced my concerns with the Region 2000 Landfill Authority at their recent Board of Directors meeting and at the Public Hearing to discuss the planned Region 2000 lateral expansion, both of which were held on April 22, 2015. Everyone with Region 2000 and with DEQ that I have talked to about this expresses concern and a desire to be a good neighbor. I continually get the response from authority personnel that "there is nothing we can do" to "we are working on the issue" and "there are some things we can do". But the



fact is that there is no plan for remediation just "study and delay". I fully expect that talk of remediation will stop if the lateral expansion is approved by DEQ.

In my discussions with Region 2000 and DEQ no one has offered any hope of stopping the sewage sludge odors as long as the sewage sludge continues to be placed in the landfill site. There are other options for sewage sludge disposal and these options are identified in the study of the Lynchburg WWTP operations performed by Brown and Caldwell Engineering done in 2010.

There currently is no LFG system collection in the active portion of the landfill as it is "not mandated". Landfill gas odors can be significantly reduced and likely eliminated by installing a LFG collection system in the active site to either burn off of the landfill gas or for collection and carbon filtration of the gas. Both options were discussed at the recent Region 2000 Board of Directors meeting but rather than begin remediation efforts the Board decided to spend about \$40,000. to engage SCS Engineering to begin an odor sampling and identification study. The sources of the odors are clear but neighbors of the landfill get the familiar response to "discuss, study and delay" while nearby property values drop and neighbors are no longer able to enjoy outdoor activities on their own property..

The Virginia Regulations for the Control and Abatement of Odor (9VAC 5-40-140) state "*Legal Requirements*: Standard for odor. No owner or other person shall cause or permit to be discharged into the atmosphere from any affected facility any emissions which cause an odor objectionable to individuals of ordinary sensibility". From the increasing number of complaints received at the landfill offices (51 from January to March of 2015) it is clear that the landfill emits odors which are objectionable to individuals of "ordinary sensibility". My own records of odors simply confirm the observations of others is the landfill area (in 32.7% of all days between 10-31-14 and 04-22-15 odors were documented).

There are 194 homes on Calohan Road from the landfill entrance to Jon Hardie 's new house on Calohan Road and on Greenhouse Road between its intersection with Calohan road and that point on Greenhouse Road to the site of the VDOT maintenance facility on Greenhouse Road. Yes, 194 homes in close proximity to a large regional landfill accepting about 80 tons per day of sewage sludge and with no LFG collection system. The scope of the landfill operation with this many homes in close proximity absurd and this number does not even consider the homes that are just as close to the landfill on the English Tavern Road side of the landfill.

The introduction of the sewage sludge into the Region 2000 Landfill and the landfill gas odors being discharged into the air from the landfill and restrict my ability to use and enjoy my home and my property and prevent me from being able to enjoy the pastoral beauty of the area which surrounds my property. For many years the Calohan Road and Greenhouse Road corridor has been one of the most desirable and prestigious mixed residential and farm communities in Campbell County. The current and proposed expanded landfill operations constitute an unacceptable invasion of my property rights as a citizen and property owner in Campbell County, Virginia. There are effective LFG odor control options available and there are other options for sewage sludge disposal.

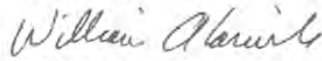
I urge you to withdraw all expansion permit requests and begin landfill gas collection in all active and closed areas of the landfill immediately and stop placing sewage sludge into the existing land fill.

I have a well on my property for all household water use since public water is unavailable on Calohan Road beyond the property limits of the nearby Poplar Ridge Development. I quite honestly am concerned about the future safety of my private well water due to the potential for contamination from the requested expansion of the Region 2000 Authority Landfill operations. I believe that it would be prudent and proper for Region 2000 Landfill Service Authority to pay for extending public water service to all residents of Calohan Road in Campbell County, Virginia to prevent any potential water issues due to contamination before it happens or to at least to provide annual comprehensive water testing for all Calohan Road properties that do not have public water. It's the right thing to do.

If this "lateral expansion" is permitted, allowing landfill operations to continue until the early 2030's, I have no doubt that Region 2000 landfill Authority will once again seek to rezone the former "Bennett Farm Property" (350 acres) which is adjacent to the current operation and which was purchased in the fall of 2014 by the Authority with the stated purpose of extending future landfill operations on this site for an additional 50-60 years.

I implore you to withdraw this expansion permit request and all future expansion permit requests for the Regional Landfill Authority operated on Livestock Road in Campbell County, Virginia and close this landfill when the currently permitted space is filled and then establish a landfill in a less populated area. If this does not happen the beginning of a dead zone of residential and economic activity will be inevitable within the corridor defined by Calohan Road, Rte. 24 (Stephen S. Thompson Memorial Highway), Depot Road and English Tavern Road.

Yours truly,

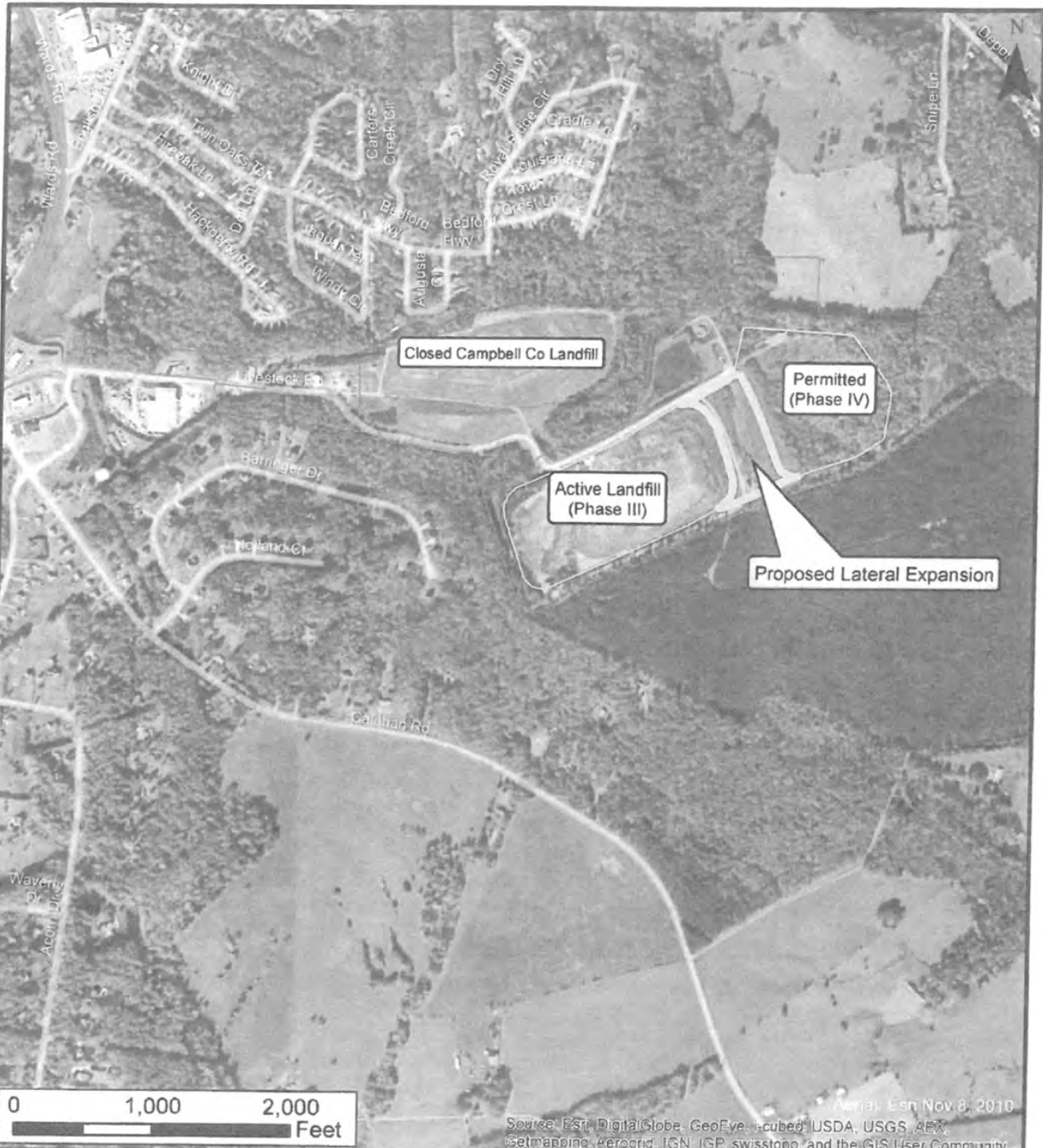


William A. Carwile


Enclosure- 1

cc: Dr. James A. Borland, Mr. Steven M. Shockley, Mr. Stanley I. Goldsmith, Mr. James Puckett, Mr. Eddie Gunter, Jr., Mr. Michael P. Rousseau, Mr. Frank J. Rogers, Hon. Terry McAuliffe, Hon. C. Matthew Fariss, Hon. Robert Hurt, Hon. Mark R. Warner, Hon. Tim M. Kaine





Path: P:\0024100\B09107-109B\010 - 00GIS\SLF Expansion for Public.mxd

<b>Proposed Lateral Expansion</b>		Region 2000 Regional Landfill Campbell County, Virginia	SCALE 1" = 1000'
			PLAN NO. B09107-109B
 <b>Draper Aden Associates</b> Engineering • Surveying • Environmental Services 2206 South Main Street Blacksburg, VA 24060 540-552-0444 Fax: 540-552-0291	DESIGNED LPK DRAWN SMF CHECKED LPK DATE 08-18-14		
	Richmond, VA Charlottesville, VA Hampton Roads, VA		<b>FIGURE</b>  <b>1</b>

May 4, 2015

**TO:**  
Region 2000 Services Authority Board

**FROM:**  
Anne Thomas Doyle, 2416 Scots Pine Xing, Durham, NC 27713 with her parents,  
Nina and Robert Thomas, 711 Calohan Road, Rustburg, VA 24588  
Bill Carwile, 921 Calohan Road, Rustburg, VA 24588

**Re:**  
Comments on the Proposed Solid Waste Management Plan 2015 Update and Major Amendment,  
especially related to the landfill at 361 Livestock Road, Rustburg, VA

\*\*\*\*\*

This memo comes to you with the recommendation to REJECT the Proposed Solid Waste Management Plan 2015 Update and Major Amendment, especially as regards any expansion of the current landfill site on Livestock Road.

Our position against expansion of the landfill is based on ten observations:

1. **The operational lifespan of the landfill has been and continues to be a moving target into the future.**
2. **Neighbors persistently experience significant negative consequences of living near the landfill.**
3. **In addition to having to live with the effects of living near the landfill, to have any hope of relief the neighbors must monitor their negative experiences and report them to the authorities—and the unpleasant events are increasing in number as time passes. This places a great burden for neighbors and significantly reduces their quality of life.**
4. **The landfill is located too close to the Lynchburg Regional Airport to be safe from the danger of airborne vectors (e.g. buzzards and gulls).**
5. **A person who represents the neighbors of the landfill should be on the Region 2000 Services Authority Board.**
6. **The chance of conflict of interest from the receipt of “hosting fees,” i.e. that there is a financial incentive to the participating counties to continue the relationship with the Region 2000 Services Authority, is significant.**
7. **Relying on regulations of the DEQ to protect citizens is ill-founded.**
8. **The Campbell County Board of Supervisors has not been informed of the full impact of the landfill on its neighbors.**
9. **While the Board of Supervisors has very little opportunity to intervene in the management of the landfill, it could protect the community through the powers vested in it to refuse all future permits or rezoning.**
10. **Each of the landfill-related issues raised by neighbors and concerned citizens are treated as new by the Region 2000 Services Authority when, in fact, there is considerable experience with landfill issues and their management in this area and around the country.**

Supporting documentation (with references) for these ten observations is provided in the outline below. We encourage you to read the outline and vote against any decisions resulting in any expansion of the landfill on Livestock Road.

Thank you.



\*\*\*\*\*  
**Detail against the Regional 2000 SWMP 2015 Update and Major Amendments, especially actions regarding any expansion of the landfill on Livestock Road:**

- 1. The operational lifespan of the landfill has been and continues to be a moving target into the future.**
  - a. The number of years the landfill will remain operational has been a moving target. With each announcement the year closure is further out. Here are the dates and documents that have been presented to the neighbors.
    - i. Beck "Alternative Landfill Evaluation" 10/06:
      1. Scenario 1 Campbell County closes Nov 2022/Scenario 2 Campbell County closes Mar 2023 p.6
    - ii. Region 2000 Proof of Concept 12/06:
      1. Campbell County interim closure from 2007 until 2014 then operate as regional landfill facility until 2023 pp.2-3
    - iii. Region 2000 SWMP Draft 2/7/08
      1. "Campbell County landfill would begin operations in 2013 and close in 13 ½ years, i.e. 2026" p.4-6
    - iv. Region 2000 Landfill Expansion Engineering Report 2/10:
      1. "the additional capacity from the expansion area provides an estimate 3.2 to 4.3 years of operational life to the landfill," i.e. 2026 p. 1
    - v. Region 2000 SWMP 4/23/10
      1. "Assume operation of the Campbell County regional landfill November 2013; closure of the Campbell County regional landfill February 2022" p. 8-4
    - vi. Region 2000 presentation to Campbell County Board of Supervisors 10/7/14
      1. Lateral expansion of the landfill by filling in the areas between Phases III and IV will give add about 5 years to the life of space, until 2026.
      2. Expansion into landfill of acreage from Bennett property with rezoning would begin in 2027 with service of "around 50 years", i.e. 2077
    - vii. PEC application 11/5/14:
      1. "Without modification, the existing permitted landfill phases (Phases III and IV) have a remaining capacity that would last the Authority through 2020–2021." p.1
      2. "With approval of this expansion, the Authority should have sufficient capacity to continue operations through 2027." p.1
      3. With the purchase of the Bennett property, "Based on the preliminary concepts however the expansion into this site will add an additional 50 – 60 years of landfill life to the Authority", i.e. 2087. p.2
    - viii. Solid Waste Management Plan 2015 Update and Major Amendment—Draft 2/515:
      1. "Without the major amendment, the Permit 610 landfill will reach capacity by approximately 2022." p.1
      2. "if the major amendment for the lateral expansion is approved, has sufficient disposal capacity under its direct control to last it through approximately 2029." p.1

- b. Some neighbors of the Campbell County landfill believed that the hiatus from 2008-2012 was a permanent closure not realizing that the facility would be revitalized and expand from a county to a regional facility. Residents who understood the plan of the Region 2000 Services Authority to close the landfill by 2020 planned accordingly. Many realized the need for a landfill to support county residents, believed the statements of the management about operating with minimal impact to quality of life despite its proximity, and either remained in the neighborhood and/or moved in.
  - i. But the management of expectations turned out to be false propaganda—the Services Authority intends to keep the landfill operational on Livestock Road for as long as it possibly can: Sadly, the landfill operations are very intrusive and quality of life has diminished significantly for those who live and work around it.
  - ii. The landfill should close when Phase IV is completed, in approximately 2022, as outlined in the conceptual and agreed upon plan with no further expansion. Any further development at the Livestock Road site constitutes a breach of trust between the Services Authority with the landfill neighbors and concerned citizens of Campbell County wherever they reside.

**2. Neighbors persistently experience significant negative consequences of living near the landfill.**

- a. Odor (more appropriately termed stench)
  - i. Neighbors of the landfill now keep daily logs about the foul odors they are experiencing. They are forced to report their findings to the landfill operators and to the DEQ in hopes that something will be done to alleviate the noxious smells that keep families indoors and limit the enjoyment of their homes.
    - 1. In an online poll of persons affected by the landfill, <http://tinyurl.com/lahdmnt>, 97% of the respondents describe the odor of the landfill as “strong,” “very strong,” or “overwhelming.”
    - 2. In an online poll of person affected by the landfill, <http://tinyurl.com/kpypbcg> 100% of respondents replied “sometimes, often, most times or all of the time” to “how often is the landfill odor strong, very strong or overpowering?”
  - ii. Landfill odors are prohibited by law.
    - 1. From the “Region 2000 Odor Management and Control Plan, November 10, 2011”, p. 1 “The odor standard cited in 9 VAC 5-40-140 prohibits the discharge of “any emissions which cause an odor objectionable to individuals of ordinary sensibility”. The housekeeping standard cited in 9 VAC 20-81-140.A.10 requires sanitary landfills to control odors “so they do not constitute nuisances or hazards”.
    - 2. From the increasing number of complaints received at the landfill offices (from 3 in all of 2014 to 51 from January to March in 2015) and at the DEQ as recorded in the DEQ inspection reports, it is clear that the landfill is failing 9 VAC 5-40-140 by allowing emissions of significant “odor objectionable to individuals of ordinary sensibility.”
      - a. The DEQ Inspection reports from the spring of 2015 that “Mr. Arthur explained that the facility and their engineering consultant are continuing to review and update the OMCP (Odor Management Control Plan.”



- i. The actual problem of the odor is from the operations—either the material being disposed of in the landfill or the manner in which putrescent material is handled—reviewing the plan is NOT going to fix the stench.
    - 3. The DEQ Inspection reports from the spring of 2015 indicated that deodorant sprays, intermediate covers, and berms are being tried to alleviate odors.
      - a. Based on the 51 complaints received in 2015 so far, these strategies are NOT successful at alleviating the noxious odors.
    - 4. From the "Region 2000 Odor Management and Control Plan, November 10, 2011", pp. 5-6 "The Authority has tested and experimented with multiple odor treatment compounds, including both direct topical application products as well as misting systems. The Authority has previously experimented with a temporary odor masking/neutralizing agent to treat incoming sludge at other facilities. The results of these pilot test experiments indicated that the continued use of these agents was not producing the desired effect of reducing odors to acceptable levels. These types of odor masking/neutralizing agents will continue to be evaluated by the Facility and implemented where appropriate as prudent strategies for reducing malodorous emissions."
    - 5. Why, given this experience previously reported in 2011, has the Region 2000 Services Authority Board approved on April 22, 2015 a study costing almost \$80,000 that will essentially replicate this experience?
  - iii. Landfill odors are associated with health concerns and reduced quality of life.
    - 1. "Results suggest air pollutants from a regional landfill negatively impact the health and quality of life of neighbors"—quote from "The relation between malodor, ambient hydrogen sulfide, and health in a community bordering a landfill," Heaney, et al, Environmental Research, 2011, Aug 111(6):847-852. <http://tinyurl.com/ksmmkuw>
    - 2. The Centers for Disease Control report that odors can have significant deleterious impacts on quality of life: "Although landfill odors may not associated with long-term adverse health effects or illness for most people, the added disruption and stress of day-to-day activities can greatly impact quality of life." Quality of life is very important and just because the health effects are not "long term for most people," they cannot be denied. <http://tinyurl.com/k6jm7kg>
- b. Noise
  - i. Neighbors hear the noise of landfill operations.
  - ii. Noise complaints have been made to the landfill staff and the Services Authority Board by neighbors.
    - 1. Presentation and letters from neighbors at the Region 2000 Services Authority Board meeting on April 24, 2013 with action deferred until a study could be done and when that was reported at the July 24, 2013 meeting, it was agreed that no action needed to be taken.
- c. Reduced property values



- i. Research of real estate data shows negative impacts of landfills on property values.
  1. Study reference: "Do Landfills Always Depress Nearby Property Values?" Richard Ready, May 2005, Rural Development Paper No. 27, <http://tinyurl.com/muk4m48>
  2. The fall of property values has a negative impact on all residents AND on the county infrastructure—home values, tax base, appeal to future residents, appeal to new business, etc.
  3. In an online poll of neighbors of the landfill, <http://tinyurl.com/ml1667r>, 100% of respondents indicated that they are "extremely" or "very concerned" that their property values will decrease because of the landfill.
  4. The issue of property value declines was acknowledged by the Region 2000 Services Authority Board at their meeting on October 22, 2014 and staff was directed to put together "a packet to be put together with information on how many homes are out there, what other people have done and who has policies, with a good aerial photograph showing the property and improvements. For the present this would apply to the newly permitted landfill" no further information has been forthcoming, supposedly since the Region 2000 Services Authority withdrew their request for rezoning and the special permit.
    - a. Region 2000 Services Authority Board Minutes October 7, 2014
    - b. "The property value protection plan was in conjunction with The Bennett property expansion. I do not recall saying that this policy was on the table regardless of the status of expansion on the Bennett property. You are free to request the Region 2000 Service Authority Board to consider such policy." A quote from an email from Clarke Gibson to Jon Hardie on 3/25/15. <http://tinyurl.com/n4qpayl>
    - c. <http://tinyurl.com/ms6vd73>
    - d. Is not reviewing property values unless the newly purchased Bennett property can be used as landfill intended as a threat to quiet resistance to the expansion? We encourage the Region 2000 Services Authority to investigate the existing very real and very negative impacts of the landfill on neighbors now and develop a plan to be implemented with the current configuration of landfill operations to compensate for loss of quality of life and property values.
- d. Blowing trash
  - i. Numerous DEQ landfill inspection reports note that there is blowing trash being picked up by staff. Some of it nevertheless blows into the neighborhoods and some escapes from dump trucks as they approach the landfill.
- e. Increased traffic from dump trucks
  - i. This concern (among others) was raised by residents at the presentation to the Campbell County Planning Commission on December 1, 2014: <http://tinyurl.com/q3vstg9>
    1. Clarke Gibson noted in the minutes of the 4/24/13 Region 2000 Services Authority Board meeting (p.2) that the road from the scale

house to the landfill has taken a beating with about 250 trucks going in and out every day.”

- a. It seems likely that the surrounding area roads are similarly affected.
- f. Aggregation of noxious birds, namely buzzards and gulls, around the landfill in the air and roosting on homes and businesses.
  - i. Committees of 50 to 100+ roosting buzzards are noxious to homes and businesses.
    1. Photos of 50 to 100+ buzzards on the Landfill on Livestock Road can be viewed here: <http://tinyurl.com/prewl6h>
    2. Video of a huge flock of gulls on the Landfill on Livestock Road can be viewed here: <http://tinyurl.com/na8c3wm>
  - g. Lack of communication about events of the landfill
    - i. At the public hearing on April 22, 2015 about the lateral expansion of the landfill and the Solid Waste Management Plan, the attendants learned that there had been a leak of leachate in mid-March. While the landfill operators assured the group that there was no negative impact on the streams and water supplies, there was a failure of systems that led to the leak.
      1. Operators notified the DEQ but not the public.
      2. The DEQ inspector when directly asked by a concerned citizen in a telephone conversation on April 21, 2015 about any leaks reported that there had not been any.
    - ii. Accessing information about decisions, events, management configurations, etc. related to the landfill are very difficult and place a burden on concerned citizens.
    - iii. The agendas and minutes and the Services Authority Board meetings are slow to be posted.
  - h. Potential water pollution
    - i. In an online poll of persons affected by the landfill, <http://tinyurl.com/otq8h33>, 100% of respondents indicated that they are “extremely” or “very concerned” or “concerned” about possible health issues caused by water pollutants from the landfill.
  - i. Potential air pollution
    - i. In an online poll of persons affected by the landfill, <http://tinyurl.com/naa5crn> 89% of respondents indicated that they are “extremely” or “very concerned” about possible health issues caused by airborne pollutants from the landfill.
3. **In addition to having to live with the effects of living near the landfill, to have any hope of relief the neighbors must monitor their negative experiences and report them to the authorities—and the unpleasant events are increasing in number as time passes. This places a great burden for neighbors and significantly reduces their quality of life.**
  - a. Each of these negative consequences reduces quality of life. Reduced quality of life of citizens is bad for areas hoping to develop and grow with good homes, stable jobs and security for residents.
  - b. The Services Authority should honor its agreement and allow the neighborhood to end its constant vigilance against odor, noise, trash, potential water pollution, potential air pollution, reduced property values and the persistent threats of expansion. The landfill should be relocated to a place with lower population density at the end of Phase IV with no further expansions.
  - c. The neighbors are justifiably concerned that the Region 2000 Services Authority will continue to seek to expand the landfill on the land purchased as the “Bennett



property" in small increments with a stated (but not intended) close date always X+ years out.

**4. The landfill is located too close to the Lynchburg Regional Airport to be safe from the danger of airborne vectors (e.g. buzzards and gulls).**

a. The FAA rules state:

i. In FAA documentation, AC No. 150/5200-33B:

1. Buzzards are listed as the number 2 species group ranked hazardous to aircraft.
2. "The Environmental Protection Agency (EPA) requires any MSWLF operator proposing a new or expanded waste disposal operation within 5 statute miles of a runway end to notify the appropriate FAA Regional Airports Division Office and the airport operator of the proposal (40 CFR 258, *Criteria for Municipal Solid Waste Landfills*, Section 258.10, *Airport Safety*). When new or expanded MSWLF are being proposed near airports, MSWLF operators must notify the airport operator and the FAA of the proposal as early as possible pursuant to 40 CFR 258." (p.15)
3. Subpart B—Location Restrictions § 258.10 Airport safety. (b) Owners or operators proposing to site new MSWLF units and lateral expansions within a five-mile radius of any airport runway end used by turbojet or piston-type aircraft must notify the affected airport and the Federal Aviation Administration (FAA). (c) The owner or operator must place the demonstration in paragraph (a) of this section in the operating record and notify the State Director that it has been placed in the operating record. (d) For purposes of this section: (1) Airport means public-use airport open to the public without prior permission and without restrictions within the physical capacities of available facilities. (2) Bird hazard means an increase in the likelihood of bird/aircraft collisions that may cause damage to the aircraft or injury to its occupants. (from the Code of Federal Regulations <http://tinyurl.com/q2xnlhl>)

ii. At the public hearing the representative Lynn Klappich from Draper Aden Associates indicated that no approval of the landfill expansion had been secured from the FAA nor the Lynchburg Regional Airport.

1. Proceeding without this is extremely risky and places a great risk of liability on the landfill management.

iii. In a telephone communication on 4/29/15 with the FAA Regional Safety and Standards Office in New York City, the official confirmed to A. Doyle that no letters of notification about the intent to expand the Landfill on Livestock Road had been received.

1. After the FAA receives a letter from a landfill administrator, the FAA assigns a "case number" and issues a Letter of Determination in reply. Neither of these actions has been taken as they have no record of notification from the Region 2000 Services Authority.
2. The FAA encourages the local municipal airport to work with any facility to mitigate wildlife dangers through their safety plans.

iv. In a telephone conversation on 4/29/15, the Director of the Lynchburg Regional Airport, Mark Courtney expressed concerns to A. Doyle about the possibility of wildlife (especially buzzards and gulls) at the landfill interfering with aircraft safety. He did acknowledge that he reports to City of Lynchburg Administrator and Region 2000 Services Authority Board Chair, Kimmel

- Payne. Concerned Citizens ask: Can the airport director voice safety issues if that opinion is in conflict with financial and operational pressures of another division under the watch of his manager?
- b. The Virginia Department of Aviation is the designated state agency to review and comment on all DEQ solid waste permit applications as well as all requests to expand landfills, such as with the lateral expansion of the landfill on Livestock Road. In a telephone conversation with A. Doyle on 4/30/15, the representative in Richmond reported that no requests to review solid waste permits for landfill expansion had been received related to the landfill on Livestock Road.
  - c. Kettles of 50 to 100+ airborne buzzards present considerable risk to aircraft. Please refer to photo posted online: <http://tinyurl.com/lqw2ba8>
  - d. Must there be a horrific accident before action is taken?
- 5. A person who represents the neighbors of the landfill should be on the Region 2000 Services Authority Board.**
- a. The Board is comprised of the administrators of each of the participating counties, each with one vote. There is no way for the county hosting the landfill to object to decisions of the board and hope to “win” in a vote that serves each of the non-hosting counties but not the hosting county.
  - b. The elected governing body of the hosting county has no voice or authority in the operations of the landfill despite its possible impact on citizens. (The membership agreement was not readily available online for review.)
  - c. The Services Authority should support community involvement in its decisions. There are various alternatives:
    - i. Include someone to represent the neighbors of the landfill on the Services Authority Board. That member should be fully informed of all decisions and have full voting authority.
    - ii. A Neighbor Action Group could be formed to pose and address questions.
- 6. The chance of conflict of interest from the receipt of “hosting fees,” i.e. that there is a financial incentive to the participating counties to continue the relationship with the Region 2000 Services Authority, is significant.**
- a. Who protects the citizens from the negative impacts of the landfill when the landfill operators, the City and Campbell County make money (and Nelson and Appomattox Counties save money) from its continuation? For example, odors from the disposal of sludge are of great concern to neighbors but due to financial incentives viable alternatives are disregarded.
    - i. Sludge from Lynchburg could be handled cheaper by other methods but to keep the county revenues up, it continues to be landfilled.
      1. The Region 2000 Services Authority Board minutes from October 24, 2012 document that the City informed the Board that it was considering alternative sludge disposal options that would save the City money so the City was seeking a discount for sludge disposal. A consequence of the City not paying to landfill the sludge would be higher tipping fees for all--“if the sludge is not landfilled, the member costs will rise.” The minutes do not report any action taken so the sludge continues to be landfilled.
- 7. Relying on regulations of the DEQ to protect citizens is ill founded.**
- a. If the Region 2000 Services Authority follows the rules and regulations of the DEQ for wetlands and solid waste, the DEQ will approve their requests for permits. The DEQ provides no input or feedback on the quality of life of the citizens affected by the landfill or of the impact of the landfill on the plans of the county, though they will keep records of the number of complaints received.



- i. Documentation of issues wins over resolution of complaints. A review of the DEQ Inspection Reports indicate that even when issues are identified (e.g. odor complaints), any action of the landfill staff despite its failure to resolve the issue is deemed satisfactory.
          - 1. <http://tinyurl.com/plwsgz2> "In response to odor complaints and landfill staff is investigating complaints the facility and its engineering consultant are reviewing the facility's odor management plan...and meeting with affected residents" is the statement that appears repeatedly in the reports.
          - 2. Other action steps taken do not result in alleviation of the odor/stench issue.
          - 3. How long will the DEQ allow the odors to persist even if the landfill staff makes attempts at resolving them? For residents, the measure of success is measured by the lack of stench, not failed efforts.
- 8. The Campbell County Board of Supervisors has not been informed of the full impact of the landfill on its neighbors.**
- a. Documents suggest that the lateral expansion was described briefly and documents were signed by administrators without discussion or action by the Campbell County Board of Supervisors or the public.
    - i. Memo from Clifton Tweedy to David Laurell dated 1/13/14: <http://tinyurl.com/lacwbg8>
    - ii. The lateral expansion of the 6-acre area between Phases III and IV was introduced to the Board of Supervisors at their meeting on October 7, 2014, along with the plans to expand into 206 acres of the to-be-purchased Bennett property. The two community meetings to be held the next two weeks (October 14 and 21) were also announced. No mention was recorded in the minutes of discussion of the impact of these expansions on the quality of life of the neighbors or the county.
- 9. While the Board of Supervisors has very little opportunity to intervene in the management of the landfill, it could protect the community through the powers vested in it to refuse all future permits or rezoning.**
- a. The Board of Supervisors could deny any further expansion of the existing landfill site by refusing to rezone the (former) Bennett property (and possibly other land around the area) to business/industrial and not approving special permits in perpetuity.
  - b. With additional time before any action is taken on expansion of the landfill on Livestock Road, the Campbell County Board of Supervisors can be contacted and encouraged to act on this proposal.
- 10. Each of the landfill-related issues raised by neighbors and concerned citizens is treated as new by the Region 2000 Services Authority when, in fact, there is considerable experience with landfill issues and their management in this area and around the country.**
- a. E.g. given that much is known about what is put into the landfill, the composition of gases is very, very likely to be predictable. Why waste resources (i.e. money) and time (i.e. quality of life) testing to find out what is very likely known? And why waste resources (i.e. money) and time (i.e. quality of life) trying "fixes" like deodorants and covers that have been tried and failed by these operators?
  - b. How can we be sure that the best options for neighbors and the area are being implemented at the Livestock Road facility in a timely manner?
  - c. Is income for the partner counties and not quality of life for neighboring residents the measure of success?





**RESOLUTION FOR MAJOR AMENDMENTS TO THE  
REGION 2000 SERVICES AUTHORITY SOLID WASTE  
MANAGEMENT PLAN**

**WHEREAS**, Section 10.1-1411 of the Code of Virginia authorizes the Virginia Waste Management Board to promulgate regulations specifying requirements for local and regional solid waste management planning, and

**WHEREAS**, the Virginia Waste Management Board has promulgated such regulations entitled, "Regulations for the Development of Solid Waste Management Plans, Amendment 1 as 9VAC20-130-10 et seq., effective date August 1, 2001 and Amendment 2 effective date November 29, 2007", and

**WHEREAS**, the Region 2000 Planning Region consists of the Counties of Appomattox, Campbell, and Nelson and their respective towns and the City of Lynchburg, with the Town of Bedford (formerly the City of Bedford) having duly withdrawn from the Region as of July 1, 2013, and

**WHEREAS**, the Region 2000 Services Authority has been approved by its members to oversee the Region 2000 Planning Region (defined as the solid waste planning unit under 9VAC20-130-10), and

**WHEREAS**, the Region 2000 Services Authority filed the regional solid waste management plan on behalf of the Region with said plan duly approved by the Virginia Department of Environmental Quality on April 29, 2010, and

**WHEREAS**, during its planning for disposal capacity for the 20 year planning period, the Region 2000 Service Authority embarked on the design and permitting of a lateral expansion located within the Permit 610 permitted landfill facility boundary between two permitted phases, and

**WHEREAS**, Campbell County has provided the local government certification that the lateral expansion meets all local ordinances with said certification dated May 5, 2014, and

**WHEREAS**, the increase afforded by this lateral expansion constitutes a major amendment to the approved regional solid waste management plan, and

**WHEREAS**, the Town of Bedford (formerly the City of Bedford) has withdrawn as a member of the Region 2000 Services Authority and a major amendment is necessary to remove the Town from the list of localities in the solid waste planning unit; and

**WHEREAS**, the Region 2000 Services Authority has provided time for the public to review and comment on the major amendments at its offices and in a location in Campbell County and held a public hearing relative to this major amendments on April 22, 2015 with hearing duly advertised on March 30, 2015 and April 6, 2015, and

**NOW, THEREFORE, BE IT RESOLVED**, that the Region 2000 Services Authority Board of Directors has reviewed the major amendments and addressed the amendments at their meeting in special session on May 13, 2015 and hereby approves the major amendments delineated above to the regional solid waste management plan and authorizes their submittal to the Virginia Department of Environmental Quality.

**ADOPTED** this 13th day of MAY, 2015

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Kim Payne, *Chair*  
Region 2000 Services Authority

Attested to:

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Gary Christie, *Secretary*  
Region 2000 Services Authority