



**Region 2000 Services Authority**

**Location**

Haberer Bldg.  
47 Courthouse Lane  
Rustburg, VA 24588

**Date | Time**

August 24, 2016  
2:00 p.m.

**AGENDA**

1. Welcome.....Frank Rogers, Chairman
2. Approval of Minutes of June 23, 2016..... Frank Rogers, Chairman
3. Public Comments ..... Frank Rogers, Chairman
4. Financial Report ..... Rosalie Majerus and Staff
  - i. Request for a refund from Appomattox County for tornado related debris
  - ii. Excess Revenue
  - iii. Salary for Working Field Supervisor
5. Appointment of a citizen representative and alternate to the Authority  
.....Clarke Gibson
6. Property Protection Program Update.....Gary Christie
7. Strategic Planning Report..... Bob White
8. Ambient Air Quality Testing Report..... Bob Dick
9. Director’s Report..... Clark Gibson
  - Phase IV Construction
  - Gas Collection System Update
  - Odor Complaints Report
10. Other Items from Authority or Staff ..... Frank Rogers
11. Next Meeting – October 26, 2016, 2 p.m., Haberer Building..... Frank Rogers

# Region 2000 Services Authority

## Location

Haberer Bldg.  
47 Courthouse Lane  
Rustburg, VA 24588

## Date | Time

June 23, 2016  
2:00 p.m.

## DRAFT MINUTES

### Board Members Present

Susan Adams.....Appomattox County  
Steve Carter ..... Nelson County  
Kim Payne, *Chair* ..... City of Lynchburg  
Frank Rogers..... Campbell County

### Others

Robert Arthur..... Region 2000  
Emmie Boley ..... Region 2000  
Gary Christie..... Region 2000  
Susan Cook ..... Region 2000  
Robert Dick..... SCS Engineers  
Clarke Gibson ..... Region 2000  
Larry Hall..... Region 2000  
Gaynelle Hart..... City of Lynchburg  
Brendan Hefty..... Hefty, Wiley, & Gore  
Lynn Klappich ..... Draper Aden Assoc.  
Rosalie Majerus ..... Region 2000  
Alice Rockefeller..... Appomattox County  
Bonnie Svrcek..... City of Lynchburg  
Ashlie Walter ..... News and Advance  
Felicia West ..... Region 2000  
Bob White ..... Region 2000

### 1. Welcome

Kim Payne welcomed everyone and called the meeting to order at 2:00 pm.

### 2. Public Comment Period

- Robert Thomas addressed the Authority, saying that in a democratic society the majority rules. He used the Livestock Road Landfill as an example stating that the landfill was approved by elected officials to benefit the majority, at the expense of the minority whose homes and property were devalued. Mr. Thomas encouraged the Authority to be creative in finding a use for the Bennett property that would benefit everyone, and also encouraged the

citizens to visit the landfill to better understand how it operates. He closed by stating that it is imperative for the citizens' group to follow the actions of the Board of Supervisors and the Planning Commission, to prevent approval of any further expansion of the landfill.

- Eric Barringer updated the Authority on the formation of a committee organized by the citizens' group to develop their version of the Property Value Protection Plan. He reported that they have pulled together a comprehensive plan that takes the basic elements of identifying eligibility of properties, and if someone decides to sell a property, a process to follow to apply for establishing a target value, market the property, get a sale and compensation. Mr. Barringer stated that they expect to complete their document by the middle of July, and propose to have a meeting with representatives of the Services Authority Board. He suggested that these representatives be Frank Rogers and Gary Christie. Kim Payne advised that there should be time before the next Authority meeting in August to review the document.
- Jon Hardie addressed the Authority. Mr. Hardie reviewed data from the past two years, presenting the number of odor complaints received by the Livestock Road Landfill. He encouraged the Authority to push for interventions to be at the very highest level.

### **3. Approval of Minutes: April 27, 2016**

Upon a motion by Steve Carter to approve the minutes of April 27, 2016 as presented, and seconded by Susan Adams, the motion passed unanimously.

### **4. Strategic Planning Working Group Report**

Bob White gave a presentation, giving the recommendation of the working group for moving forward with the identification and analysis of options and the recommended best solutions for Regional solid waste management beyond 2030.

Members of the working group are:

Alice Rockefeller, Appomattox County

Clif Tweedy, Campbell County

Gaynelle Hart, Lynchburg City

Candy McGarry, Nelson County

Clarke Gibson, Region 2000 Service Authority

Bob White, Region 2000 Local Government Council, Project Manager

The working group identified seven tasks that they propose as part of their evaluation process:

- 1) Determine the solid waste management options available to the Service Authority beyond the current facility's capacity
- 2) Beyond cost, determine the benefits' criteria needed to be taken into account as part of the options' evaluation
- 3) Conduct a high-level planning analysis, determining options appropriate for further detailed analysis, and options to be eliminated
- 4) Identify the costs and benefits of each selected option
- 5) Accomplish the Cost/Benefit Analysis, ranking the identified options
- 6) Based on the above, provide a recommendation to the Service Authority
- 7) Draft a final report documenting the above

These seven steps will become decision points along the time line of the evaluation. Prior to undertaking each task they will be reviewing the scope, the timeline, and the budget, insuring the Authority will have the opportunity to review, discuss, and provide any appropriate guidance. At the completion of each task, they will be reporting back to the Authority, insuring that the Authority has the opportunity to review the work to date, have appropriate discussion, and provide appropriate guidance moving forward.

Mr. White also stated that the working group is determined to insure that community involvement is included throughout the entire effort. This will be done by:

- 1) Developing a project website
- 2) Holding informational forums
- 3) Possibly making use of a focus group
- 4) Informational interviews primarily for people who have a technical interest in what is being done
- 5) Routine reports regularly at Service Authority meetings

Mr. White advised that they expect the total time for the strategic planning effort to take anywhere from 18 to 24 months.

Technical assistance is being provided by Draper Aden Associates, Renaissance Planning, Burns & McDonnell, and Coker Composting.

The working group recommends the Service Authority authorize the Solid Waste Management 2030 Effort, and authorize accomplishment of Tasks 1 and 2. Consultant support for these tasks will be \$68,100 with the schedule being approximately six months. This cost will be paid from the Future Planning Reserve in the budget.

The final report will have:

- 1) A detailed illustration of discussions and thought processes
- 2) List of options
- 3) Description of criteria that will be used for the cost benefit analysis
- 4) A recommendation for moving forward

Steve Carter stated that he did not find the plan to be a pragmatic approach to what the Authority needs to do. He believes that a landfill will be needed, and asked where it will be.

Frank Rogers stated that he supports the process, and is interested in the time line. He asked about the cost of the process. Bob White advised that once Tasks 1 and 2 are complete the cost of the remaining tasks and who will be doing them will be discussed. Kim Payne added that this is something that the Services Authority needs to plan for.

Gaynelle Hart stated that the total process could possibly cost from \$225,000 to \$250,000, and that the working group plans to do as much of the work as possible in order to keep consulting costs down. Clarke Gibson added that funds are in place in the Future Planning Reserve to begin and continue the process. Bob White's time will be paid by the Services Authority. Mr. White advised that his level of involvement should be about 5 hours per week for 18 months.

Kim Payne advised thinking about who the stakeholders will be who will have a vote in whatever is done after 2030.



Frank Rogers made the motion that the Authority move forward with the working group's recommendation to proceed with Tasks 1 and 2. Susan Adams seconded the motion, and it carried 3 – 1 with Steve Carter voting against.

**5. Review of Position Description for the Landfill Working Field Supervisor**

At the last meeting of the Services Authority Clarke Gibson was asked to take another look at the job description for an additional position, before approval. The title has been changed to "working field supervisor". Adjustments have also been made to specific duties and responsibilities, to clarify that this is a position responsible for workface operations. Mr. Gibson explained that the field supervisor will help direct the detailed daily operations in the field and that the other operators be supervised by the field supervisor. Mr. Gibson also advised that this position will be classified as a grade 112, and be supervised by Larry Hall. He wasn't sure at this time what the hourly rate will be.

The Authority agreed by consensus to approve advertising for this position.

**6. Presentation of Odor Complaint Map**

Mr. Gibson reviewed data on the odor complaint map included in the meeting packet. He reported that the map includes data from September to May, and that odor complaint concentrations were along Calohan Road and in the Poplar Ridge subdivision. In March an odor neutralization vapor system was installed, and through May 23<sup>rd</sup> they saw a 37% decrease in the number of complaints received. This data will be updated moving forward.

Mr. Gibson also reported that they have started construction of the full scale gas collection system. He is confident that this system, in combination with the odor neutralization vapor system and various other odor mitigation measures, will result in improvements in the odor situation.

Bob Dick, with SCS, gave an update on the gas collection system. On Monday SCS held a pre-construction meeting with the contractor, along with the Services Authority and representatives from Draper Aden to kick off the actual field construction and installation of the landfill gas collection control system that is going into Phase 3. The existing interim pilot scale system continues to perform very consistently.

An updated Solid Waste Management Control Plan has been sent to the Virginia Department of Environmental Quality, Solid Waste Division. A minor permit amendment has been received from the DEQ authorizing the installation of the full scale active permanent gas collection control system.

Mr. Dick reported that he has worked with the Authority to send out a notification to the DEQ and the citizens' group, informing them of the nature of the construction activities, approximate durations of the activities, and the potential for some increased odors during those times.

SCS will work on the well field to install 13 additional gas extraction components and install piping that is necessary to convey the gas to the existing interim blower flare station. The lead time for the new blower flare station is approximately 16 – 18 weeks.

Clarke Gibson added that the cement posi-shell intermediate capping measure that was approved at the last Authority meeting has been applied. This measure will enhance the gas collection capabilities and capacity.

Kim Payne asked if there is any connection between odor complaints and days when the ceiling is very low and the weather is raining and wet. He questioned whether the neutralizing system is less effective under these conditions. Mr. Dick stated that SCS has compared odor complaints and correlated odor complaints to barometric pressure, wind direction, humidity, and by address.

**8. Review of Suggested Meeting Schedule**

The following meeting dates were presented through 2017:

August 24, 2016  
October 26, 2016  
January 25, 2017  
March 22, 2017  
May 24, 2017  
July 27, 2017  
September 28, 2017  
November 30, 2017

The motion was made by Frank Rogers, and seconded by Steve Carter, to accept the meeting schedule. The motion carried unanimously.

**9. Closed Session on Personnel**

Steve Carter made a motion, seconded by Frank Rogers, that the Authority go into closed session in accordance with the Section 2.2-3711(a)(1), Code of Virginia, to discuss the annual evaluation of the Region 2000 Services Authority's Director.

Susan Adams – Aye  
Steve Carter – Aye  
Kim Payne – Aye  
Frank Rogers - Aye

The motion was made by Steve Carter, and seconded by Frank Rogers, that the Authority return to open session pursuant to Section 2.2-3712.d and certify that only those business matters lawfully identified in the motion to go into closed session and exempt from the open meeting requirements of the Freedom of Information Act were heard, discussed or considered in a closed session.

Susan Adams - Absent  
Steve Carter – Aye  
Kim Payne –Aye  
Frank Rogers – Aye

**10. Adjourn** – There being no further business, the meeting adjourned at 3:50 p.m.

**Region 2000 Services Authority  
FY16 Actuals & FY17 Approved Budget  
As of 6/30/2016**

*Table of Contents*

<i>Schedule 1</i>	<i>Revenue</i>
<i>Schedule 2</i>	<i>Expense Summary</i>
<i>Schedule 3</i>	<i>Personnel Expenditures</i>
<i>Schedule 4</i>	<i>Operations &amp; Maintenance Expenditures</i>
<i>Schedule 5</i>	<i>Schedule of Reimbursables</i>
<i>Schedule 6</i>	<i>Balance Sheet</i>
<i>Schedule 7</i>	<i>Capital Equipment Fund; Use of Reserve Funds</i>

Region 2000 Services Authority  
 FY 2016 Disposal Fee Revenue-through 6/30/2016

Used \$342,321.97 from O and M reserve to reduce odor costs

Schedule 1

Proposed FY2017 Rates \$28.75/\$38.75

	(A)	(B)	(C)	(D)	
Tonnage	FY 16 Budget	Actuals Through 6/30/2016	Budget Amount Remaining (A - B)	Budget % Remaining (C / A)	FY 17 Approved Budget
<b>Tonnage From Member Jurisdictions</b>					
Lynchburg	38,747	35,796	2,950	7.61%	38,747
Campbell	20,222	23,216	(2,995)	-14.81%	20,222
Nelson	8,804	9,828	(1,025)	-11.64%	8,804
Appomattox	5,280	7,021	(1,741)	-32.98%	5,280
<b>Subtotal Member Jurisdictions</b>	<b>73,052</b>	<b>75,862</b>	<b>(2,810)</b>	<b>-3.85%</b>	<b>73,052</b>
Lynchburg Contracts & Other Waste	29,362	12,788	16,573	56.45%	-
Market Rate Tonnage (+ Contract Tonnage for FY17)	102,932	114,339	(11,406)	-11.08%	132,294
<b>Subtotal Contract and Market Rate</b>	<b>132,294</b>	<b>127,127</b>	<b>5,167</b>	<b>3.91%</b>	<b>132,294</b>
<b>Subtotal Revenue Generating Tonnage</b>	<b>205,346</b>	<b>202,989</b>	<b>2,357</b>	<b>1.15%</b>	<b>205,346</b>
Other Tonnage at No Charge (inert/brush/slag)	13,119	10,468	2,651	20.21%	13,119
<b>Total Tonnage</b>	<b>218,465</b>	<b>213,457</b>	<b>5,008</b>	<b>2.29%</b>	<b>218,465</b>

Disposal Fee Revenue	FY 16 Budget	Actuals Through 6/30/2016	Budget Amount Remaining (A - B)	Budget % Remaining (C / A)	FY 17 Approved Budget
<b>From Member Jurisdictions</b>					
Lynchburg	\$ 1,113,971	\$ 1,028,797	\$ 85,174	7.65%	\$ 1,113,971
Campbell	\$ 581,374	\$ 667,406	\$ (86,032)	-14.80%	\$ 581,374
Nelson	\$ 253,109	\$ 282,566	\$ (29,457)	-11.64%	\$ 253,109
Appomattox	\$ 151,800	\$ 203,020	\$ (51,220)	-33.74%	\$ 151,800
<b>Subtotal Member Jurisdictions</b>	<b>\$ 2,100,254</b>	<b>\$ 2,181,788</b>	<b>\$ (81,535)</b>	<b>-3.88%</b>	<b>\$ 2,100,254</b>
Lynchburg Contracts & Other Waste	\$ 1,115,745	\$ 487,898	\$ 627,847	56.27%	\$ -
Market Rate Tonnage (+ Contract Tonnage for FY17)	\$ 3,988,634	\$ 4,430,738	\$ (442,104)	-11.08%	\$ 5,126,393
<b>Subtotal Contract and Market Rate</b>	<b>\$ 5,104,379</b>	<b>\$ 4,918,636</b>	<b>\$ 185,743</b>	<b>3.64%</b>	<b>\$ 5,126,393</b>
<b>Total</b>	<b>\$ 7,204,632</b>	<b>\$ 7,100,424</b>	<b>\$ 104,208</b>	<b>1.45%</b>	<b>\$ 7,226,646</b>

Per Ton Disposal Fees	FY 16 Budget	YTD Average Through 6/30/16	Budget Amount Remaining (A - B)	% Difference (C / A)	FY 17 Approved Budget
Member Disposal Fee	\$ 28.750	\$ 28.760	\$ (0.010)	-0.03%	\$ 28.750
Cost of Service (COS) Tipping Fee	\$ 28.750	\$ 29.311	\$ (0.560)	-1.95%	\$ 28.750
Avg. Rate-Lynchburg Contracts & Other Waste	\$ 38.000	\$ 38.152	\$ (0.152)	-0.40%	\$ 38.750
Market Rate (+Contract Tonnage for FY17)	\$ 38.750	\$ 38.751	\$ (0.001)	0.00%	\$ 38.750



**Region 2000 Services Authority**  
**FY 2016 Expenses - through 6/30/2016**  
**SUMMARY - Schedule 2**

Used \$342,321.97 from O and M reserve to reduce odor costs

Proposed FY2017 Rates \$28.75/\$38.75

Expenses	(A)	(B)	(C)	(D)	FY 17 Approved Budget	% Change FY16 to FY17 Budget
	FY 16 Budget	Actuals Through 6/30/2016	Budget Amount Remaining (A - B)	Budget % Remaining (C / A)		
Personnel (Schedule 3)	\$ 1,382,078	\$ 1,329,463	\$ 52,614	3.8%	\$ 1,511,987	9.40%
Landfill O & M (Schedule 4)	\$ 1,598,800	\$ 1,777,472	\$ (178,672)	-11.2%	\$ 1,399,020	-12.50%
Landfill Equipment Replacement Reserve	\$ 408,000	\$ 408,000	\$ -	0.0%	\$ 366,160	-10.25%
Closure and Post-Closure Reserve	\$ 704,905	\$ 704,905	\$ -	0.0%	\$ 649,511	-7.86%
Environmental Remediation	\$ 50,000	\$ 50,000	\$ -	0.0%	\$ 50,000	0.00%
Future Disposal Planning Reserve	\$ -	\$ -	\$ -	0.0%	\$ 50,000	0.00%
Annual Debt Service -2011 Bond Debt	\$ 955,852	\$ 955,852	\$ 0	0.0%	\$ 852,130	-10.85%
2015 Bond Debt	\$ 824,185	\$ 807,517	\$ 16,668	2.0%	\$ 1,111,235	34.83%
Internal Loan	\$ 304,462	\$ 304,462	\$ -	0.0%	\$ 109,409	-64.06%
Annual Debt Service Subtotal	\$ 2,084,499	\$ 2,067,831	\$ 16,668	0.8%	\$ 2,072,774	-0.56%
Operating Expenses	\$ 6,228,282	\$ 6,337,671	\$ (109,389)	-1.8%	\$ 6,099,452	-2.07%
Reimbursable Personnel Costs (Schedule 5)	\$ (107,163)	\$ (101,375)	\$ (5,788)	5.4%	\$ (113,752)	6.15%
Reimbursable O & M Costs (Schedule 5)	\$ (196,400)	\$ (274,008)	\$ 77,608	-39.5%	\$ (71,000)	-63.85%
Late Fee, Recycling & Int Income	\$ (21,000)	\$ (12,538)	\$ (8,462)	40.3%	\$ (11,000)	-47.62%

<b>Net Cost of Service Operating Expense Total</b>	<b>\$ 5,903,719</b>	<b>\$ 5,949,749</b>	<b>\$ (46,031)</b>	<b>-0.8%</b>	<b>\$ 5,903,700</b>	<b>0.00%</b>
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	FY 16 Budget	Actuals Through 6/30/2016	Budget Amount Remaining (A - B)	Budget % Remaining (C / A)	FY 17 Approved Budget	% Change FY16 to FY17 Budget
Airspace Reserve						
Lynchburg (Split is 30.6%)	\$ 398,071	\$ 364,894	\$ 33,177	8%	\$ 404,821	1.70%
Campbell (Split is 69.4%)	\$ 902,815	\$ 827,570	\$ 75,245	8%	\$ 918,123	1.70%
Airspace Reserve Subtotal	\$ 1,300,886	\$ 1,192,464	\$ 108,422	8%	\$ 1,322,944	1.70%
O & M Reserve Contribution	\$ (18)	\$ (41,789)	\$ 41,771		\$ 2	

<b>Total Expenses</b>	<b>\$ 7,204,588</b>	<b>\$ 7,100,424</b>	<b>\$ 104,164</b>	<b>1%</b>	<b>\$ 7,226,646</b>	<b>0.31%</b>
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<b>Total Revenue Generating Tonnage</b>	<b>205,346</b>	<b>202,989</b>	<b>2,357</b>	<b>1.1%</b>	<b>205,346</b>	<b>0.00%</b>
<b>Disposal Cost per Ton</b>	<b>\$ 28.7500</b>	<b>\$ 29.31063</b>	<b>\$ (0.561)</b>	<b>-1.9%</b>	<b>\$ 28.7500</b>	<b>0.00%</b>

**Personnel  
Schedule 3**

		(A)	(B)	(C)	(D)		
	Account	FY 16 Budget	Actuals Through 6/30/2016	Budget Amount Remaining (A - B)	Budget % Remaining (C / A)	FY 17 Approved Budget	% Change FY16 to FY17 Budget
	<b>Solid Waste Staff</b>						
	Salary	\$ 866,092	\$ 843,409	\$ 22,683	2.6%	\$ 928,207	7.17%
41100	Salaries&Wages-Potential 2% increase for FY17		\$ -	\$ -	0.0%	\$ 18,564	#DIV/0!
	Proposed Merit Increase	\$ 12,100	\$ -	\$ (12,100)	-100.0%	\$ 12,100	0.00%
	<b>Total Salaries</b>	\$ 878,191	\$ 843,409	\$ 22,683	2.6%	\$ 958,871	9.19%
	<b>Employee Benefits</b>						
42210	VRS-Retirement (7.52% ER + VLDP)	\$ 66,211	\$ 63,617	\$ 2,594	4%	\$ 72,638	9.71%
42220	VRS Life Insurance (1.19%)	\$ 10,450	\$ 10,010	\$ 441	4%	\$ 11,411	9.19%
42300	Employer Cost-Health Insurance (FY16 2% Inc) (+10% FY17 Est)	\$ 139,455	\$ 128,139	\$ 11,315	8%	\$ 166,587	19.46%
42700	Employer Cost-Worker's Comp	\$ 30,000	\$ 28,082	\$ 1,918	6%	\$ 30,000	0.00%
42100	Employer Cost-FICA	\$ 68,941	\$ 64,913	\$ 4,028	6%	\$ 75,496	9.51%
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%
	<b>Employee Benefits Subtotal</b>	\$ 323,057	\$ 294,761	\$ 28,297	8.8%	\$ 364,131	12.71%
	<b>Overtime</b>						
41200	Salaries and Wages - Overtime	\$ 23,000	\$ 36,297	\$ (13,297)	-58%	\$ 28,000	21.74%
41300	Part -time Salaries-Wages-Regul	\$ -	\$ -	\$ -	0%	\$ -	
41400	Part -time Salaries-Wages-Overt	\$ -	\$ -	\$ -	0%	\$ -	
	<b>Overtime Subtotal</b>	\$ 23,000	\$ 36,297	\$ (13,297)	-58%	\$ 28,000	21.74%
	<b>Total Personnel Costs-Services Authority Staff</b>	\$ 1,224,249	\$ 1,174,466	\$ 37,683	3.1%	\$ 1,351,002	10.35%
	<b>Local Government Council Staff</b>						
43131	Prof Services-LGC-Salaries	\$ 65,420	\$ 70,722	\$ (5,301)	-8.1%	\$ 66,728	2.00%
43132	Prof Services-LGC-Benefits	\$ 37,689	\$ 38,393	\$ (704)	-1.9%	\$ 38,442	2.00%
43133	Prof Services-LGC Overhead	\$ 54,720	\$ 45,883	\$ 8,837	16.2%	\$ 55,814	2.00%
	<b>Total Personnel Costs-Region 2000 Staff</b>	\$ 157,829	\$ 154,997	\$ 2,832	1.8%	\$ 160,985	2.00%
	<b>Total Personnel Costs</b>	\$ 1,382,078	\$ 1,329,463	\$ 52,614	3.8%	\$ 1,511,987	9.40%

Environmental Technician - Salary & Benefits \$ 56,342  
 Environmental Compliance Change To Supervisor Status \$ 2,930  
 Total \$ 59,272

Cost per ton \$ 0.28864

2% Proposed Salary Increase \$ 18,564  
 FICA \$ 1,420  
 VRS Ret \$ 1,396  
 VRS Life \$ 221  
 \$ 21,601

\$ 0.10519 Per Ton

Landfill Operator III - Salary & Benefits \$ 49,362

Cost per ton \$ 0.24038

Proposed Merit Increase \$ 12,100  
 FICA \$ 926  
 VRS Ret \$ 910  
 VRS Life \$ 144  
 \$ 14,080

\$ 0.06856 Per Ton

**Landfill Operating and Maintenance Expenses  
Schedule 4**

	(A)	(B)	(C)	(D)			
Account	Operations and Maintenance Cost Type	FY 16 Budget	Actuals Through 6/30/2016	Budget Amount Remaining (A - B)	Budget % Remaining (C / A)	FY 17 Approved Budget	% Change FY16 to FY17 Budget
	<b>Contractual Services</b>						
43166	Software support-Paradigm	\$ 10,000	\$ 6,353	\$ 3,647	36%	\$ 7,000	-30.00%
43321	Communications M&R Service/Radio	\$ 13,000	\$ 14,311	\$ (1,311)	-10%	\$ 13,000	0.00%
43313	Building M & R Services	\$ 2,000	\$ 6,421	\$ (4,421)	-221%	\$ 2,000	0.00%
43171	Site Maintenance-Lynchburg	\$ 5,000	\$ 4,496	\$ 504	10%	\$ -	-100.00%
43172	Site Maintenance-Campbell	\$ 35,000	\$ 28,773	\$ 6,227	18%	\$ 35,000	0.00%
43170	Sedimentation Basin Cleaning	\$ -	\$ -	\$ -	0%	\$ -	0.00%
43169	Janitorial Services	\$ 7,800	\$ 7,800	\$ -	0%	\$ 7,800	0.00%
43110	Med/Dental/Pharm/Lab Services	\$ -	\$ -	\$ -	0%	\$ -	0.00%
43150	Legal Services	\$ 30,000	\$ 30,000	\$ -	0%	\$ 30,000	0.00%
43120	Accounting and auditing service	\$ 8,000	\$ 9,599	\$ (1,599)	-20%	\$ 8,000	0.00%
43140	Engineering/Monitoring Services-Lynchburg	\$ 35,000	\$ 29,128	\$ 5,872	17%	\$ -	-100.00%
43140a	Engineering/Monitoring Services-Campbell	\$ 75,000	\$ 158,629	\$ (83,629)	-112%	\$ 75,000	0.00%
43141	Professional Consulting Service	\$ -	\$ -	\$ -	0%	\$ -	0.00%
43160	Environmental Lab Services-Lynchburg	\$ 15,000	\$ 7,657	\$ 7,343	49%	\$ -	-100.00%
43160a	Environmental Lab Services-Campbell	\$ 15,000	\$ 10,312	\$ 4,688	31%	\$ 15,000	0.00%
43200	Temporary Help Service Fees	\$ 20,000	\$ 42,079	\$ (22,079)	-110%	\$ 20,000	0.00%
43600	Advertising	\$ 10,000	\$ 5,839	\$ 4,161	42%	\$ 6,000	-40.00%
43176	Software Purchases-Other	\$ 5,000	\$ 2,650	\$ 2,350	47%	\$ 3,000	-40.00%
43167	Pest Control services	\$ 1,200	\$ 960	\$ 240	20%	\$ 1,200	0.00%
43168	Investigative Services	\$ 100	\$ 274	\$ (174)	-174%	\$ 100	0.00%
46011	Uniform Rental Services	\$ 13,000	\$ 14,730	\$ (1,730)	-13%	\$ 13,000	0.00%
43161	Tire Shredding Services	\$ 5,000	\$ 1,733	\$ 3,268	65%	\$ 5,000	0.00%
43165	Misc Contractual Services	\$ 1,000	\$ 425	\$ 575	58%	\$ 1,000	0.00%
43177	Website, Media & Public Communications	\$ 5,000	\$ 760	\$ 4,240	85%	\$ 5,000	0.00%
42850	Employee Med Exp-drug tests, ph	\$ 2,000	\$ 1,452	\$ 548	27%	\$ 1,900	-5.00%
46031	Heavy Equipment-Outside Repair	\$ 50,000	\$ 82,200	\$ (32,200)	-64%	\$ 50,000	0.00%
43173	Mechanical M&R Services	\$ 5,000	\$ 2,876	\$ 2,124	42%	\$ 4,680	-6.40%
43121	Payroll support services	\$ 12,000	\$ 10,000	\$ 2,000	17%	\$ 12,000	0.00%
46017	Software Maint Contract-Accounting	\$ 800	\$ 1,754	\$ (954)	-119%	\$ 800	0.00%
43162	HHW Disposal	\$ -	\$ (3,100)	\$ 3,100	0%	\$ -	0.00%
43163	Wood Waste Grinding	\$ 10,000	\$ 27,480	\$ (17,480)	-175%	\$ 10,000	0.00%
	<b>Contractual Services Subtotal</b>	<b>\$ 390,900</b>	<b>\$ 505,592</b>	<b>\$ (114,692)</b>	<b>-29%</b>	<b>\$ 326,480</b>	<b>-16.48%</b>
	<b>Supplies &amp; Materials</b>						
46001	Office Supplies/Audio Visual Supplies	\$ 8,400	\$ 5,541	\$ 2,859	34%	\$ 7,000	-16.67%
46002	Forms & Stationary	\$ 2,000	\$ 679	\$ 1,321	66%	\$ 2,000	0.00%
46005	Custodial Supplies	\$ 4,000	\$ 1,994	\$ 2,006	50%	\$ 3,000	-25.00%
46033	Apparel/Protective Wear/Personal Protective Equipment	\$ 5,000	\$ 3,818	\$ 1,182	24%	\$ 5,000	0.00%
46012	Books & Publications	\$ -	\$ -	\$ -	0%	\$ -	0.00%
46013	Subscriptions	\$ 1,000	\$ 125	\$ 875	88%	\$ 600	-40.00%
46018	Safety Supplies	\$ 5,000	\$ 586	\$ 4,414	88%	\$ 5,000	0.00%
46019	Awards & Recognitions	\$ 1,500	\$ -	\$ 1,500	100%	\$ 1,500	0.00%
46020	Grounds Maintenance Supplies	\$ 20,000	\$ 6,330	\$ 13,670	68%	\$ 20,000	0.00%
46026	Food & Dietary Supplies	\$ 1,000	\$ 2,604	\$ (1,604)	-160%	\$ 1,000	0.00%
46022	Minor Equipment-Tools	\$ 7,000	\$ 9,242	\$ (2,242)	-32%	\$ 7,000	0.00%
46021	Chemicals/gases	\$ 1,000	\$ 402	\$ 598	60%	\$ 500	-50.00%
43310	R & M- Office	\$ -	\$ 35	\$ (35)	0%	\$ -	0.00%
46009	Vehicle M&R Equipment Parts	\$ 150,000	\$ 129,041	\$ 20,959	14%	\$ 150,000	0.00%
46007	R&M Supplies-Building	\$ 5,000	\$ 181	\$ 4,819	96%	\$ 5,000	0.00%
43312	R & M-Mechanical-Materials	\$ 1,000	\$ -	\$ 1,000	100%	\$ 1,000	0.00%
46016	Odor Control Operations & Materials	\$ -	\$ -	\$ -	0%	\$ 75,000	0.00%
46032	Communications M & R Materials	\$ 2,500	\$ -	\$ 2,500	100%	\$ 2,500	0.00%
46025	Haul Road M&R Materials	\$ 110,000	\$ 235,783	\$ (125,783)	-114%	\$ 110,000	0.00%
46027	Daily Cover/Posi-Shell	\$ 110,000	\$ 133,741	\$ (23,741)	-22%	\$ 110,000	0.00%
45210	Postal Services	\$ 2,000	\$ 2,505	\$ (505)	-25%	\$ 2,000	0.00%
45220	Messenger Services	\$ 200	\$ 519	\$ (319)	-160%	\$ 200	0.00%
43500	Printing & Binding	\$ 1,000	\$ 1,691	\$ (691)	-69%	\$ 1,000	0.00%
46035	Shop Supplies	\$ 10,000	\$ 18,354	\$ (8,354)	-84%	\$ 10,000	0.00%
42820	Education-Tuition Assistance	\$ 5,000	\$ -	\$ 5,000	100%	\$ 5,000	0.00%
46023	Computer Materials & Repair	\$ 13,000	\$ 4,671	\$ 8,329	64%	\$ 13,000	0.00%
46024	Mechanical M&R Materials	\$ -	\$ -	\$ -	0%	\$ -	0.00%
	<b>Supplies &amp; Materials Subtotal</b>	<b>\$ 465,600</b>	<b>\$ 557,842</b>	<b>\$ (92,242)</b>	<b>-20%</b>	<b>\$ 537,300</b>	<b>15.40%</b>



**Landfill Operating and Maintenance Expenses  
Schedule 4**

	(A)	(B)	(C)	(D)			
Account	Operations and Maintenance Cost Type	FY 16 Budget	Actuals Through 6/30/2016	Budget Amount Remaining (A - B)	Budget % Remaining (C / A)	FY 17 Approved Budget	% Change FY16 to FY17 Budget
	Gas/Diesel Fuel/Oil & Grease Subtotal	\$ 350,000	\$ 181,313	\$ 168,687	48%	\$ 260,000	-25.71%
	<b>Rentals &amp; Leases</b>						
45410	Lease/Rent of Equipment-Office (Copier/postal meter)	\$ 7,000	\$ 5,231	\$ 1,769	25%	\$ 7,000	0.00%
45411	Lease/Rent of Equipment-Landfill	\$ 5,000	\$ 106,334	\$ (101,334)	-2027%	\$ 5,000	0.00%
45420	Lease/Rent of Buildings	\$ -	\$ 585	\$ (585)	0%	\$ 600	#DIV/0!
	Rentals & Leases Subtotal	\$ 12,000	\$ 112,149	\$ (100,149)	-835%	\$ 12,600	5.00%
	<b>Utilities &amp; Natural Gas</b>						
45230	Telephone/Internet	\$ 18,000	\$ 19,225	\$ (1,225)	-7%	\$ 20,000	11.11%
45110	Electrical Services	\$ 20,000	\$ 21,875	\$ (1,875)	-9%	\$ 20,000	0.00%
45130	Water & Sewer	\$ 6,000	\$ 1,340	\$ 4,660	78%	\$ 6,000	0.00%
45120	Utilities - Propane Gas	\$ -	\$ -	\$ -	0%	\$ -	0.00%
45231	Cellular Services & Pager	\$ 2,000	\$ 2,970	\$ (970)	-49%	\$ 2,500	25.00%
45121	Utilities - Natural Gas	\$ -	\$ -	\$ -	0%	\$ -	0.00%
	Utilities & Natural Gas Subtotal	\$ 46,000	\$ 45,410	\$ 590	1%	\$ 48,500	5.43%
	<b>Travel &amp; Training</b>						
45500	Travel & Training	\$ 5,000	\$ -	\$ 5,000	100%	\$ 5,000	0.00%
45510	Travel Mileage-Personal Vehicle	\$ -	\$ 810	\$ (810)	0%	\$ -	
45520	Travel-Public Carriers	\$ -	\$ -	\$ -	0%	\$ -	
45530	Travel-Subsistence & Lodging	\$ -	\$ 4,076	\$ (4,076)	0%	\$ -	
45540	Travel-Convention & Education	\$ -	\$ 2,714	\$ (2,714)	0%	\$ -	
46014	On-Site Training	\$ 5,000	\$ 2,430	\$ 2,570	51%	\$ 5,000	0.00%
	Travel & Training Subtotal	\$ 10,000	\$ 10,030	\$ (30)	0%	\$ 10,000	0.00%
	<b>Miscellaneous</b>						
45800	Miscellaneous	\$ 3,500	\$ -	\$ 3,500	100%	\$ 3,500	0.00%
45810	Dues and Assoc Membership-Misc	\$ 1,800	\$ 1,242	\$ 558	31%	\$ 1,800	0.00%
45801	Bank Service Charges	\$ 3,600	\$ 1,437	\$ 2,163	60%	\$ 3,600	0.00%
45802	Cash Overage and (Shortage)	\$ -	\$ (40)	\$ 40	0%	\$ -	0.00%
45803	Finance Charges paid to vendors	\$ -	\$ -	\$ -	0%	\$ -	0.00%
45804	Bad Debt Expense	\$ 3,000	\$ 9,868	\$ (6,868)	-229%	\$ 3,000	0.00%
45840	VDEQ landfill fee - Misc	\$ 38,000	\$ 29,641	\$ 8,359	22%	\$ 38,000	0.00%
	Misc Expenses Subtotal	\$ 49,900	\$ 42,148	\$ 7,752	16%	\$ 49,900	0.00%
	<b>Payments to Other Entities</b>						
43164	Leachate Treatment-Concord Turnpike	\$ 13,000	\$ -	\$ 13,000	100%	\$ 18,240	40.31%
43164a	Leachate Treatment-Campbell	\$ 15,000	\$ -	\$ 15,000	100%	\$ 15,000	0.00%
	Insurance	\$ -	\$ -	\$ -	0%	\$ -	
45308	General Liability Insurance	\$ 50,000	\$ 47,507	\$ 2,493	5%	\$ 50,000	0.00%
	Payments to Other Entities Subtotal	\$ 78,000	\$ 48,980	\$ 29,020	37%	\$ 83,240	6.72%
	<b>Sub-Total SA O &amp; M Expenses</b>	<b>\$ 1,402,400</b>	<b>\$ 1,503,464</b>	<b>\$ (101,064)</b>	<b>-7%</b>	<b>\$ 1,328,020</b>	<b>-5.30%</b>
	<b>Reimbursable O &amp; M Expenses (see Reimbursable Schedule for Detail)</b>	<b>\$ 196,400</b>	<b>\$ 274,008</b>	<b>\$ (77,608)</b>	<b>-40%</b>	<b>\$ 71,000</b>	<b>-63.85%</b>
	<b>Grand Total Operations and Maintenance Cost</b>	<b>\$ 1,598,800</b>	<b>\$ 1,777,472</b>	<b>\$ (178,672)</b>	<b>-11%</b>	<b>\$ 1,399,020</b>	<b>-12.50%</b>



Reimbursable Landfill Operating and Maintenance Expenses and Personnel Costs  
Schedule 5

Account	Operations and Maintenance Cost Type	(A)	(B)	(C)	(D)	FY 17 Approved Budget	% Change FY16 to FY17 Budget
		FY 16 Budget	Actuals Through 6/30/2016	Budget Amount Remaining (A - B)	Budget % Remaining (C / A)		
<b>Reimbursable Landfill O &amp; M Expenses</b>							
<b>City of Lynchburg</b>							
43140	Engineering/Monitoring Services	\$ 55,000	\$ 175,536	\$ (120,536)	-219.2%	\$ -	-100.00%
43160	Environmental Lab Services	\$ 15,400	\$ 10,434	\$ 4,966	32.2%	\$ -	-100.00%
43161	Tire shredding	\$ -	\$ -	\$ -	0.0%	\$ -	0.00%
43162	HHW Disposal	\$ 27,500	\$ 28,254	\$ (754)	-2.7%	\$ 27,500	0.00%
43163	Wood Waste Grinding	\$ 40,000	\$ -	\$ 40,000	100.0%	\$ -	-100.00%
43164	Leachate Treatment	\$ -	\$ -	\$ -	0.0%	\$ -	0.00%
City of Lynchburg Subtotal		\$ 137,900	\$ 214,224	\$ (76,324)	-55.3%	\$ 27,500	-80.06%
<b>Amherst County</b>							
43162	HHW Disposal	\$ -	\$ 29,114	\$ (29,114)	0.0%	\$ -	0.00%
<b>Nelson County</b>							
43162	HHW Disposal	\$ -	\$ 497	\$ (497)	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	\$ 22,876	\$ (876)	-4.0%	\$ 22,000	0.00%
43160a	Environmental Lab Services	\$ 11,000	\$ 2,515	\$ 8,485	77.1%	\$ 11,000	0.00%
43161	Tire shredding	\$ -	\$ -	\$ -	0.0%	\$ -	0.00%
43162	HHW Disposal	\$ 5,500	\$ 4,782	\$ 718	13.1%	\$ 5,500	0.00%
43163	Wood Waste Grinding	\$ 15,000	\$ -	\$ 15,000	100.0%	\$ -	-100.00%
43164a	Leachate Treatment	\$ 5,000	\$ -	\$ 5,000	100.0%	\$ 5,000	0.00%
Campbell County Subtotal		\$ 58,500	\$ 30,173	\$ 28,327	48.4%	\$ 43,500	-25.64%
<b>Reimbursable Landfill O &amp; M Expenses</b>		<b>\$ 196,400</b>	<b>\$ 274,008</b>	<b>\$ (77,608)</b>	<b>-39.5%</b>	<b>\$ 71,000</b>	<b>-63.85%</b>
<b>Reimbursable Landfill Personnel Costs</b>							
<b>City of Lynchburg</b>							
Concord Turnpike Personnel Costs		\$ 32,843	\$ 42,000	\$ (9,157)	-27.9%	\$ 39,090	19.02%
Recycling Program Manager Salary & Benefits		\$ 27,160	\$ 26,853	\$ 307	1.1%	\$ 27,331	0.63%
City of Lynchburg Subtotal		\$ 60,003	\$ 68,853	\$ (8,850)	-14.7%	\$ 66,421	10.70%
<b>Campbell County</b>							
Environmental Compliance & Safety		\$ 20,000	\$ 5,669	\$ 14,331	71.7%	\$ 20,000	0.00%
Recycling Program Manager Salary & Benefits		\$ 27,160	\$ 26,853	\$ 307	1.1%	\$ 27,331	0.63%
Campbell County Subtotal		\$ 47,160	\$ 32,522	\$ 14,638	31.0%	\$ 47,331	0.36%
<b>Reimbursable Landfill Personnel Costs</b>		<b>\$ 107,163</b>	<b>\$ 101,375</b>	<b>\$ 5,788</b>	<b>5.4%</b>	<b>\$ 113,752</b>	<b>6.15%</b>

## Region 2000 Services Authority Balance Sheet

Assets	6/30/2016		
<b>Cash - 2015 Bond Funds</b>			
Cash-US Bank-Bond Balance	\$	7,144,535.23	
Cash-US Bank-Bond Fund Payments	\$	642,709.03	
Total 2015 Bond Funds	\$	<u>7,787,244.26</u>	
<b>Cash - 2011 Bond Funds</b>			
Cash-US Bank-Bond Fund Payments	\$	649,858.47	
Total 2011 Bond Funds	\$	<u>649,858.47</u>	
Total Closure/PC Cash- Concord Tpk - SunTrust & LGIP	\$	<u>2,499,006.57</u>	
LGIP-Livestock Road - Purchased Contribution C/PC	\$	938,532.43	
LGIP-Livestock Road - SA Contribution C/PC thru FY16	\$	2,986,186.33	
Total Closure/PC - Livestock Rd	\$	<u>3,924,718.76</u>	
Total Closure/Post Closure	\$	6,423,725.33	
<b>Cash-SunTrust Operating Account</b>			
SunTrust Operating Account-Unrestricted	\$	17,769.64	0.6%
Internal Loan Payoff (FY16 pymt sent to LGIP)	\$	-	0.0%
Excess Revenue (FY2016 )	\$	1,192,464.00	39.1%
Environmental Rem Reserve Cash (sent to LGIP)	\$	-	0.0%
Equip Replace Reserve Cash (Since inception)	\$	1,028,784.44	33.7%
Close/Post-Close Res Cur Year Cash (sent to LGIP)	\$	-	0.0%
O & M Reserve Cash (FY2012 + FY2013 + FY2014 + FY2015+FY2016)	\$	812,327.00	26.6%
Total SunTrust Operating Account	\$	<u>3,051,345.08</u>	100.0%
LGIP-Environmental Remediation & Future Planning Reserves - FY2009 thru FY2016	\$	554,885.43	
Total Cash and LGIP	\$	<u>18,467,058.57</u>	
All Receivables for Operations	\$	741,637.09	
Receivable from City-Concord Turnpike C/PC	\$	473,950.76	
Internal Loan Receivable	\$	1,660,544.19	
GASB 68 Deferred Pension Outflow	\$	62,251.00	
Prepaid Expenses	\$	54,825.83	
All Fixed Assets in service-less depreciation	\$	8,854,510.78	
Construction in Progress - LR projects	\$	3,277,151.33	
Total Assets	\$	<u><u>33,591,929.55</u></u>	
<b>Liabilities</b>			
Accounts Payable	\$	1,639,865.14	
Accrued OPEB Liabilities	\$	290,139.59	
GASB 68 Deferred Pension Inflow	\$	56,546.00	
Net Pension Liability	\$	(308,487.00)	
Accrued Interest Payable	\$	141,723.96	
Accrued Vacation Pay	\$	98,501.38	
Total Current Liabilities	\$	<u>1,918,289.07</u>	
Accrued Closure-P/C Cost-Concord Tpk - City of Lynchburg 71.6%	\$	2,080,043.51	
Accrued Closure-P/C Cost-Concord Tpk - SA 28.4%	\$	847,791.50	
Accrued Closure-P/C Cost-Livestock Road	\$	6,262,268.80	
Total Closure/Post-Closure	\$	<u>9,190,103.81</u>	
<b>Debt</b>			
Internal Loan Payable	\$	1,660,544.19	
2015 Bond Payable	\$	9,000,000.00	
2011 Bond Payable	\$	6,305,000.00	
Total Liabilities	\$	<u><u>28,073,937.07</u></u>	
<b>Reserves</b>			
Restricted - Environmental Remediation Reserve	\$	350,000.00	
Restricted - Equipment Replacement Reserve	\$	513,182.31	
Restricted - Future Disposal Planning Reserve	\$	132,726.60	
Restricted - O & M Reserve	\$	1,270,416.70	
Total Reserves	\$	<u>2,266,325.61</u>	
Fund Balance		\$3,251,666.87	
Total Liabilities & Equity	\$	<u><u>33,591,929.55</u></u>	

# Region 2000 Services Authority

3/31/2016

Schedule 7

## Capital Equipment Fund

FY2017 Capital Equipment Items-Preliminary	Average Cost Estimate	Fund Balance
Balance @ 6/30/2015		\$ 513,182
Transfer from Operating Fund for FY2016		\$ 408,000
Estimated proceeds from sale of surplus items-FY2016		\$ 300,000
Approved FY16 Capital Items remaining to be purchased	\$ 103,000	
Transfer from Operating Fund for FY2017		\$ 366,160
Off-Road Dump Truck	\$ 310,000	
GPS system upgrade	\$ 70,000	
Rebuild Compactor Wheels	\$ 60,000	
Undercarriage replacement for two loaders	\$ 60,000	
Utility Task Vehicle (to replace a pick up)	\$ 20,000	
Radio Replacements	\$ 12,000	
Salt Spreader	\$ 10,000	
Trailer to haul UTV to and from Concord Turnpike	\$ 5,000	
Recycling Bins	\$ 5,000	
Subtotal	\$ 655,000	
Estimated Balance @ 6/30/2017		\$ 932,342

Cost of LFG Control and Phase IV

	Use of Bond Funds	FY16 Operating Expenses	O & M Balance and Use
O & M Reserve Balance			\$ 1,311,162.00
LFG Pilot Costs authorized from O&M Reserve			\$ (114,724.00)
90 Days estimated reserve ( Can be used If Board Approves)			\$ (925,404.00)
Available O & M Reserve			<b>\$ 271,034.00</b>
<b>Costs</b>			
<b>Operations</b>			
Vapor System		<u>As of 4/20/16</u>	<u>As of 6/30/2016</u>
Odor Materials through February 2016		\$ -	
Byers Scientific Odor Chemical		\$ 28,875.00	\$ 55,761.90
PO Dust Control Tech - Odor Boss 60G Chemical		\$ -	\$ 8,375.88
		<u>\$ 28,875.00</u>	<u>\$ 64,137.78</u>
Misting System			
Equipment Rental-Trials		\$ 64,900.00	\$ 64,900.00
Odor Materials - trials		\$ 23,437.17	\$ 18,033.93
Misc		\$ -	\$ 729.19
Temporary generator		\$ -	\$ 6,150.00
		<u>\$ 88,337.17</u>	<u>\$ 89,813.12</u>
Landfill Gas System			
LFG Engineering Costs FY16 Through 2/29/16		\$ 93,496.13	\$ 113,979.15
4 months maintenance for Pilot system-March/June		\$ 15,000.00	\$ -
		<u>\$ 108,496.13</u>	<u>\$ 113,979.15</u>
Posi-Shell Temporary Slope Seal		<u>\$ 70,000.00</u>	<u>\$ 74,391.92</u>
Operating Expenses for FY16 for Odor Control		<u>\$ 295,708.30</u>	<u>\$ 342,321.97</u>
<b>Capital</b>			
Vapor System	Estimated	Actual	
PO Byers scientific odor vapor machine	\$ 43,704.00	\$ 43,954.00	
PO Byers Scientific - pipe support	\$ 9,650.00	\$ 13,083.16	
SCS HDPE Welding and Installation Service	\$ 10,700.00	\$ 4,326.99	
PO ISCO Industries - 6" pipe	\$ 4,838.37	\$ 4,838.37	
Boom Rental	\$ -	\$ 2,216.65	
Misc Fittings & connectors	\$ -	\$ 78.62	
Electrical Installation	\$ 6,000.00	\$ 9,161.97	
	<b>\$ 74,892.37</b>	<b>\$ 77,659.76</b>	
Misting System-Actual @ 6/30/2016	Estimated	Actual	
Misting Cannon	\$ 66,700.00	\$ 66,700.00	
Misting Cannon generator	\$ 35,000.00	\$ 34,676.01	
Electrical service for misting cannon	\$ 6,000.00	\$ 2,941.07	
Freight	\$ 3,000.00	\$ 3,000.00	
	<b>\$ 110,700.00</b>	<b>\$ 107,317.08</b>	
Landfill Gas System			
Estimated Capital Cost For Gas Collection System	\$ 957,280.00		
Electical System for Gas Collection System	\$ 8,000.00		
	<b>\$ 965,280.00</b>		
<b>May 2015 borrowing</b>			
Phase IV construction(From 1/20/16 and forward)	\$ 6,775,667.00		
Borrowing Costs	\$ 137,500.00		
Expended Through 2/10/16	\$ 491,621.10		
Capital Costs for Vapor Machines	<b>\$ 77,659.76</b>		
Capital costs for Misting Cannons	<b>\$ 107,317.08</b>		
Estimated Capital costs for gas collection system	<b>\$ 965,280.00</b>		
Storage Building	\$ 200,000.00		
Truck Wash	\$ 150,000.00		
Total Projected use of Bond Funds	\$ 8,905,044.94		
Bond funds received	\$ 9,000,000.00		
Available bond proceeds	<b>\$ 94,955.06</b>		

## Request for Refund for Appomattox County

Appomattox County respectively requests reimbursement of the tornado-related tipping fees of \$52,642.12 minus the expense of \$1,667 for special services be refunded to us. There are additional associated costs during the months of May and June that we will not be calculating or seeking reimbursement which contributes to Appomattox County's overage costs. The Regional Landfill collected additional tipping fees from Contractors who were providing services to the impacted citizens.

### Background

On 2/24/16 an EF3 tornado struck Appomattox County. As a result of the clean-up efforts, a separate landfill customer account (498) was opened to isolate debris related to this event. A chart identifying the waste characteristics is below:

	Tonnage			Total Dollars
	10- Loose/Compacted Waste - tons	20- Construction Debris - tons	Total Tonnage	
February 2016	259.98	-	259.98	\$ 7,474.47
March 2016	481.40	880.55	1,361.95	\$ 39,156.29
April 2016	102.67	106.42	209.09	\$ 6,011.36
Total	844.05	986.97	1,831.02	\$ 52,642.12

We project that Appomattox County will supply 7,036 in debris in FY 16, of which 1,831 came from the tornado event, or 33% greater than the budgeted amount for Appomattox County.

The 1,831 is 0.8% of the Authority's total waste stream this year.

### Special Services Provided

The Landfill did open on two Sundays to help with the Appomattox storm debris at a direct cost of salaries and fuel of \$1,667. The Authority did not bill the County for these costs.

## **Precedents**

On 6/29/12, the City of Lynchburg experienced a derecho which generated significant storm debris. However, their storm tonnage was not segregated into a single account, nor did this extra debris cause the City's overall tonnage to be greater than what was budgeted for FY2013.

In September 2012, Liberty University was given a refund that represented 25% of the tonnage received for a single month. The refund pertained to inert material that could be used for road construction and daily cover. The total amount of that refund was \$94,804.97.

In 2012-2013, our cost of service was below our budget and there was no detrimental impact to the Authority as a result of this refund. In fact, we were able to fund most of our existing O&M reserve fund balance because of this overage.

**FY16 Excess Revenue****Comparison of Region 2000 Services Authority FY16 Actual  
to all Odor Costs Paid by O & M Reserve**

	<u>Actual</u>	<u>All Odor Costs (\$342,232) Paid from O &amp; M Reserve</u>	<u>All Odor Costs (\$342,232) Paid from O &amp; M Reserve and Appomattox Request</u>
Member Tonnage	75,862.00	75,862.00	74,089.00
Contract and Market tonnage	127,127.00	127,127.00	127,127.00
Total Revenue Generating Tonnage	202,989.00	202,989.00	201,216.00
Member Revenue	2,181,788.00	2,181,788.00	2,130,813.00
Contract and Market Revenue	4,918,636.00	4,918,636.00	4,918,636.00
Total Revenue	7,100,424.00	7,100,424.00	7,049,449.00
Operating Expense	6,292,071.00	5,949,749.00	5,949,749.00
Cost of Service	\$ 30.997	\$ 29.311	\$ 29.569
Cost Per Ton for Odor Operating Costs		\$ 1.686	
Excess Revenue payout			
Lynchburg – budget \$398,071	299,292.00	364,894.00	354,847.00
Campbell – budget \$902,815	678,785.00	827,570.00	804,784.00
Funds to (from) O & M Reserve	(169,724.00)	(41,789.00)	(59,931.00)
<b>O &amp; M Reserve Balance</b>	<b>\$1,026,714.00</b>	<b>\$812,327</b>	<b>794,185</b>

## **Excess Revenue continued**

### **Overview**

During FY 16 we spent \$342,232 to help alleviate odors raising our cost per ton by \$1.87. We focused on three areas

- Building the pilot scale gas extraction
- Installing a vapor phase odor neutralizing system around the perimeter of the cell.
- Purchasing a portable odor neutralizing device that can be used at the working face of the landfill cell

Staff recommends that the \$342,232 come from our Operation and Maintenance Reserve even though it will take us below the \$925,404 three month reserve that we have tried to maintain. We will address restoring some or all of the differential in future budgets.

### **Recommended Action**

The above chart shows the impact to excess Revenue if the \$342,232 comes from our O & M reserve and if we provide a one-time refund to Appomattox County for tornado debris. The Authority is asked to:

- Approve the use of the Operation and Maintenance Fund for all of the FY 16 odor control spending, \$342,232
- Discuss and take action related to the refund to Appomattox County related to tornado debris.
- Approve Excess Revenue payments to Lynchburg and Campbell County based on those decisions according to the chart.



**Salary range for the Working Field Supervisor**

A question at the last meeting pertained to the salary range for the recently approved Working Field Supervisor. The range for that position is \$48,003-\$74,405 and is expected to start between \$48,003 and \$55,000.

## **5. Appointment of a Citizens Representative and an Alternate to the Authority**

In April we reviewed an outline for a policy related to a Citizen Representative serving on the Services Authority.

Please review the changes and let's clarify adopt the policy either in August or at an upcoming meeting.

# **Region 2000 Services Authority Citizen Advisory Representative**

**Draft version 4-14-16, revised 8-24-16**

### **Description**

The Citizen Advisory Representative is selected by the Services Authority from suggestions provided by the Landfill Concerned Citizens Group and any other community or individual suggestion to advise the Region 2000 Services Authority on issues of importance to the neighboring community and communicate back to the community the actions, conversations and reasoning of the Services Authority.

### **Eligibility**

1. A resident of nearby neighborhoods.
2. Membership:

**Staff presents two options:**

- a. Appointed by the Authority and limited to three consecutive terms of two years per term. There should be a two year period to elapse, from the expiration date of a third consecutive term before consideration may be given for reappointment.
- b. Position appointed by the Authority and serves at the pleasure of the Authority

**Staff offers that you can include, or not include, items 4 & 5**

4. Commitment to collaborative engagement to improve solid waste disposal services in the Region. Selection may be based upon other criteria, including (but not limited to) familiarity with public sector finance, business finance, solid waste operations, regulatory governance, community volunteerism, and demonstrated commitment to serve the public interest.
5. Individuals being considered for appointment by the Region 2000 Services Authority should have demonstrated participation in community volunteer efforts and be in good standing in the community.

### **Positions Qualifications; Duties and Responsibilities**

1. Working knowledge of the Campbell County area surrounding the landfill.
2. Active interest in attending and participating in the Services Authority meetings and communicating with the Services Authority and to the neighboring community.
3. Active interest to participate, in discussions related to how the landfill impacts the local community and neighborhood where it operates.
4. Work with Services Authority on special projects or special committees as requested.
5. The Citizen Advisory Representative is encouraged and expected to provide feedback to both the Community and the Authority.
6. The Citizens Advisory Representative is encouraged to identify people to include in Authority communications or who are interested in learning more about the Service Authority services, operations and capital improvements.
7. The Citizen Advisory Representative is not a legal member of the Authority, has no vote, and can attend closed sessions only with the invitation of the Authority.

## **6. Property Protection Plan**

Although we've been working on the Plan, it's not likely going to be ready for the August meeting.

## **7. Strategic Planning Update**

**An update on the committee's work will be given at the meeting.**

### **Background and Overview**

The Working Group: Solid Waste Management 2030 is tasked with providing the Authority a recommendation for identifying and analyzing options and recommending the best solution for regional solid waste management beyond the current site's life cycle.

At this time the existing Livestock Road Landfill permitted cells are expected to be filled by 2030. Permitting and development of waste management facilities can take up to ten years to accomplish. The Service Authority must determine its next approach waste management approach in the near future to ensure it's prepared for the existing facility's closure.

The following principles were identified to guide the process:

- Open-Minded: to options and to diverse perspectives
- Responsible: to our regional community, to our environment, and to our future
- Transparency: in approach and in decision-making

The initial phase of this effort, currently underway, involves accomplishing the following two tasks:

Task 1: Determine the solid waste management options available to the Service Authority beyond the current facility's capacity

- The waste management options hierarchy must include consideration of recycling, reuse, resource recovery (waste to energy), incineration, and landfilling, or combinations thereof

Task 2: Beyond cost, determine the benefits criteria needed to be taken into account as part of the options' evaluation

- Relative weighting must also be identified

This initial phase will be complete by December.

### **Budget and costs**

For Phase I & 2, there will be a \$10,000 charge for administrative services. Draper Aden charges will be \$68,100. The total \$78,100 will come from the Future Disposal Planning Reserve account.

August 5, 2016  
File No. 02195001.07-5

## MEMORANDUM

**TO:** Clarke Gibson and Robert Arthur, Region 2000 Services Authority

**FROM:** Ryan Duckett, SCS Engineers  
Bob Dick, SCS Engineers

**SUBJECT:** Second Update Report on Odor Complaint Records 9/1/15 – 8/4/16  
Region 2000 Regional Landfill - Livestock Road Facility – Rustburg,  
Virginia

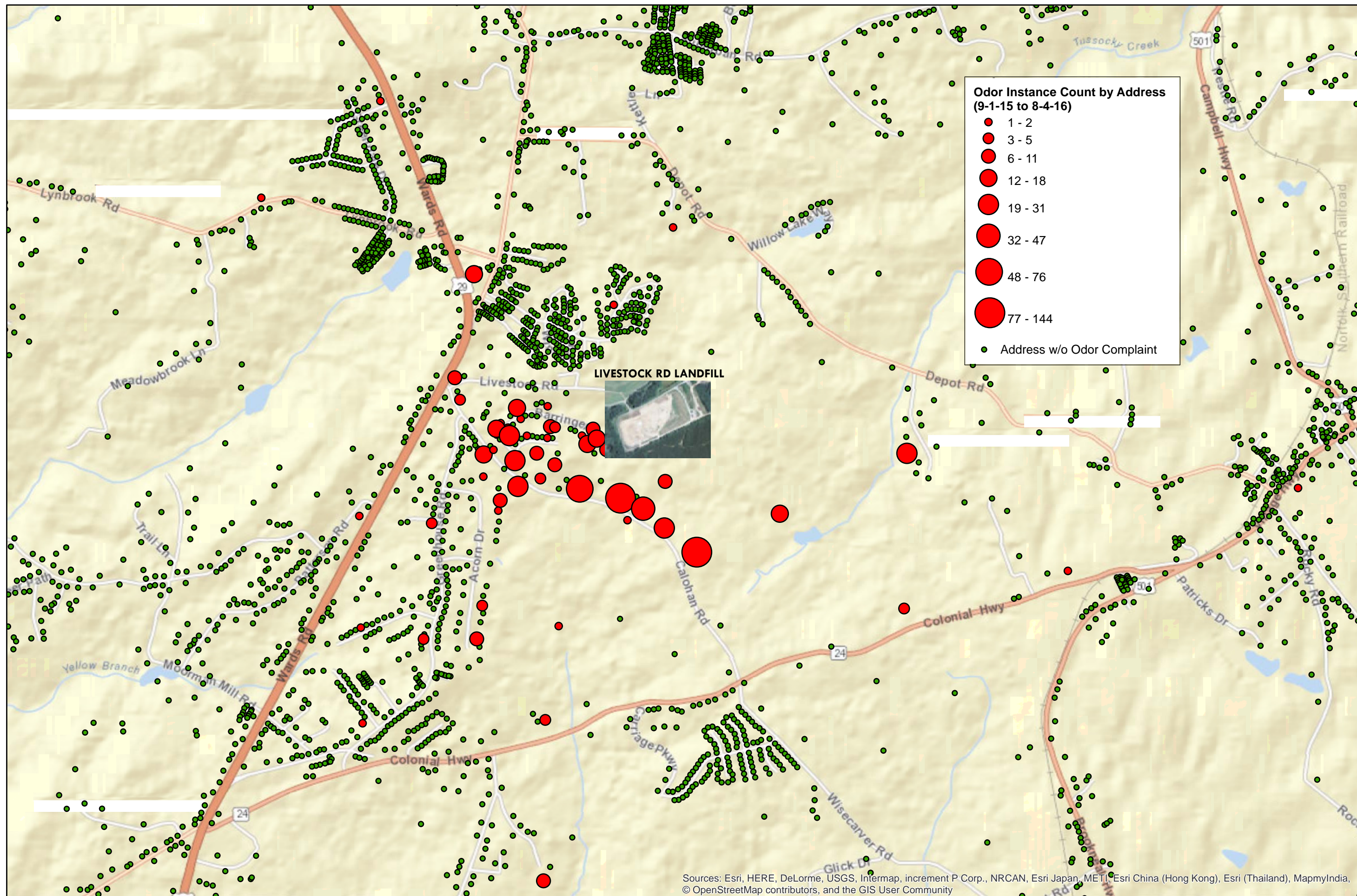
As requested, SCS Engineers (SCS) has compiled the Odor Complaint Records provided by the Region 2000 Services Authority (Authority) that document the odor complaints concerning the Region 2000 Regional Landfill - Livestock Road Facility (Landfill). Our analysis includes complaints received during the period of 9/1/15 through 8/4/16 and serves as an update to the Report presented on 3/12/16 and the Update Report presented 6/3/16 which included analysis of complaints received during the period of 9/1/15 through 3/16/16.

No. of Odor Complaints Received (Odor Complaint is a unique verbal or written communication)	= 692
No. of Time-Specific, Location-Specific Instances of Odors Detected by Complainants (Some Odor Complaints include multiple instances of detecting odors, sometimes in varying locations)	= 885
No. of Time-Specific, Location-Specific Instances from the Most Frequent Complainant	= 247 (28%)
No. of Time-Specific and Location-Specific Instances from the Seven (7) Most Frequent Complainants	= 541 (61%)
No. of Time-Specific and Location-Specific Instances from a Location on Calohan Road, Barringer Drive, or Holland Court	= 675 (76%)
No. of Unique Complainants Reporting an Odor Complaint	= 92
No. of Unique Locations identified in Odor Complaints	= 91

No. of Time-Specific and Location-Specific Instances  
from the Top 12 Most-Reported Locations = 544 (61%)

See attached updated map for a visualization of the distribution of addresses in the vicinity of Livestock Road Regional Landfill. See also attached charts depicting the distribution of reported odor instances by complainant last name.





Sources: Esri, HERE, DeLorme, USGS, Intermap, increment P Corp., NRCAN, Esri Japan, METI, Esri China (Hong Kong), Esri (Thailand), MapmyIndia, © OpenStreetMap contributors, and the GIS User Community