



Region 2000 Services Authority
828 Main Street, 12th Floor
Lynchburg, VA 24504
July 29, 2013
2:00 p.m.

Agenda

1. Welcome and Approval of the April 24th Meeting Minutes Kim Payne, Chairman
2. Financial Report Rosalie Majerus
3. Sound Barrier Wall at Livestock Road Update Clarke Gibson
4. Closed session to discuss real estate and a prospective business where no previous announcement has been made.....Clarke Gibson, Gary Christie
5. Salary Study Gary Christie
6. Report from Attorney..... Bill Hefty
7. Engineering Services Clarke Gibson
8. Report from Director..... Clarke Gibson
9. Concord Turnpike Landfill Scale House Renovation/Replacement..... Clarke Gibson
10. Adjourn

Next Meeting: October 23, 2013, 2:00 p.m. in the Region 2000 Partnership Conference Room



Region 2000 Services Authority

July 29, 2013

2:00 p.m.

Working Agenda

1. Welcome and approval of the April 24th meeting minutes Kim Payne, Chairman
2. Financial Report Rosalie Majerus
 - a. FY 13 Year to Date Financial Report (*Attachment 2a*)
 - b. Haul Road Improvement – The following options are available to pay for haul road improvements, which are estimated to be no more than \$147,000.

Staff suggests using the following funds for payment:

- 2011 Bond remaining balance – approximate balance is \$200,000

Other alternatives include:

- Remaining cash from City of Lynchburg Concord Turnpike asset revaluation – balance remaining is \$156,171.80
- O & M Reserve Fund

3. Sound Barrier Wall at Livestock Road Update Clarke Gibson (*Attachment 3*)
4. Closed Session to discuss Real Estate and a prospective business where no previous announcement has been made Clarke Gibson, Gary Christie

5. Salary Study Gary Christie
The Local Government Council has authorized a market salary study for LGC and non-profit employees. Staff requests that the Services Authority join with the Local Government Council and seek proposals to conduct a market salary study for the positions of the Services Authority. It is helpful to periodically review how our salaries compare to the market. The Services Authority has 12 position classifications which would be reviewed.

We created the position classifications in 2008 in-house and they have not been reviewed since. A review would verify our initial work and ensure that we are in step with the market for these positions.

We estimate that the project would not exceed \$7,500 for the Service Authority’s portion.

Staff has asked the Local Government Council to have one member of the Council participate in the selection of the consultant firm and in reviewing the recommendations with staff. A Services Authority member would also be welcome to participate.

6. Report from Attorney..... Bill Hefty
 - a. Bedford City Reversion Update
 - b. Transfer of the Concord Turnpike Operations Building back to Lynchburg

7. Engineering Services
(Attachment 7)

Action requested: contract approval for the following:

- Engineering Services
- Landfill Gas Management and Monitoring Services
- Groundwater Monitoring Services

8. Report from Director..... Clarke Gibson
 - a. Tonnage Trends (Attachment 8a)

9. Concord Turnpike Landfill Scale House Renovation/Replacement Clarke Gibson
Attachment (9)

The structure is over 20 years old and has exceeded its useful life. Limited improvements have been made to the structure to extend the life. Staff has continued to keep it functional and keeps it clean; however listed below are several reasons why the scale house should be upgraded:

1. There is no hot water in the scale house bathroom.
2. The heating and air conditioning system is not energy efficient. The blower blows to one side which make it too cool if sitting on that side because it blows directly on you and too warm on the other. The AC condenser drain has taped up pipes that drain into the bathroom sink.
3. Birds have built a nest in the ceiling above the bathroom; another section of the roof is leaking during heavy rains.
4. The window/drawer allows dirt from the landfill into the scale house.
5. The scale house has a mouse problem in the winter.
6. There is a lack of proper spacing in the scale house; for example the small refrigerator is located on the floor.

Action Requested: Discussion on replacement of the building.

10. Adjourn

Next Meeting: October 23, 2013, 2:00 p.m. in the Region 2000 Partnership Conference Room

Region 2000 Services Authority

Region 2000 Services Authority Meeting
Region 2000 Partnership Large Conference Room
April 24, 2013
2:00 p.m.

Draft Minutes

Board Members

Present

Steve Carter Nelson County
Charles Kolakowski City of Bedford
David Laurrell Campbell County
Kim Payne City of Lynchburg

Others

Emmie Boley Region 2000
Gary Christie Region 2000
Susan Cook Region 2000
Clarke Gibson Region 2000
Bill Hefty Hefty & Wiley
Katrina Koerting News and Advance
Rosalie Majerus Region 2000
Jim Swartz Republic Services
Clif Tweedy Campbell County
Felicia West Region 2000

1. Welcome

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

2. Approval of the January 23, 2013 Minutes

A motion was made by Steve Carter and seconded by David Laurrell to accept the minutes as written. The motion carried unanimously.

3. Public Hearing on Market Rate

Kim Payne opened the Public Hearing for comments at 2:02 p.m. Jim Swartz, with Republic Services, spoke to the Authority, stating that he would prefer to see a larger increase in the future, rather than a \$1.00 increase over the next several years. He explained that one increase would be easier to pass on to customers.

There being no others wishing to speak, Kim Payne closed the Public Hearing at 2:04 p.m.

4. Sound Barrier at the Livestock Road Landfill Update

Clarke Gibson described some of the measures implemented to help mitigate the sound and odors from the landfill.

- A sound wall measuring 15 ft. high by 320 ft. long was built around the scale house area. However, this wall is approximately 270 ft. shorter than the wall previously drawn on a map for Mr. Barnett. Mr. Gibson stated that this was merely a conceptual drawing. An estimate to extend this wall an additional 270 ft. would be approximately \$200,000.
- A berm was built along the entrance road from the gate.
- An 8 ft. tall wooden fence was also built behind the office to try to screen the area visually from the neighborhood.
- Two large signs were installed to instruct truck drivers to refrain from using engine brakes and horns. Speed limit signs were also installed.
- A berm was instructed in the landfill cell, and is complete except for vegetating.
- In response to complaints about odors, the Services Authority will be purchasing a chemical odor control agent to spray on odiferous waste.
- Weather monitoring equipment is being used to monitor wind direction.

Mr. Gibson also reported that he has taken sound decibel readings in the Barringer Road area, and these readings usually measure from 55 to 65 decibels.

Following discussion regarding a sound barrier, a motion was made by David Laurrell to authorize staff to obtain an engineering study and recommendation as to the most effective solution, whether it be extending the sound wall or planting vegetation. The motion was seconded by Charles Kolakowski, and it passed unanimously. Mr. Gibson will bring results to the next Services Authority meeting.

Kim Payne allowed a brief session for residents of the Barringer Drive subdivision to say a few words in regards to their concerns and expectations.

5. Financial Report

- a) FY13 Year to Date Financial Report – Rosalie Majerus reviewed the financial report, and advised that overall revenue was tracking better than budget, due to the Liberty project, and that excess revenue will be paid out to Campbell County and the City of Lynchburg at budget. Excess funds due to the Liberty project were put into the O & M Reserve.
- b) Livestock Road Landfill Haul Road Improvements – Clarke Gibson reported that the road from the scale house to the landfill has taken a beating with about 250 trucks going in and out every day. He proposes to use some of the money from the Liberty University project for repairing and reconstructing some portions of the haul road. The total cost to do this would be about \$150,000.

A motion was made by David Laurrell, and seconded by Steve Carter, to authorize repairs to the haul road up to the amount of \$147,000, taking funds out of the O & M funds. The motion passed unanimously.

David Laurrell stated that he wanted to wait until the end of the year before committing to using the O & M funds for this work.

6. Proposal to retire the 2008 Bond three years early

Gary Christie explained that since Lynchburg has settled the true-up the Services Authority now has more money in cash than needed, and there would be \$150,000 left over if the 2008 bond was paid off. The motion was made by David Laurrell, and seconded by Steve Carter, to authorize prepayment of the 2008 bond, using the proceeds from the Lynchburg true-up settlement. The motion was approved unanimously.

7. Consideration of the FY 14 Budget

Clarke Gibson explained that the proposed budget included in the meeting packet had a member rate of \$29.00 per ton, and a market rate of \$39.00 per ton. The contract rate increases in \$2.00 increments until it catches up to the market rate. It also removes Bedford City tonnage and gives a conservative tonnage projection. This budget is contingent upon approval to retire the 2008 bond.

Mr. Gibson continued to report that he had an alternative to consider. Paying off the bond allows for some flexibility and options. He also had a proposed budget that would keep the member rate at \$28.00 per ton, and the market rate at \$38.00 per ton. He advised that he felt comfortable with the budget being approved with these rates remaining the same.

David Laurrell made a motion to keep rates as they are. The motion was seconded by Steve Carter. The motion carried with two in favor and one opposed.

Steve Carter made the motion to adopt the 2014 budget amount of \$6,955,196., with rates remaining the same. David Laurrell seconded the motion. The motion carried unanimously.

There also was discussion examining whether or not to decrease hours of operation at the landfill, possibly on Saturday.

8. Discussion on Bedford City Membership after July 1

Charles Kolakowski reported that the City of Bedford formally requests to exit membership from the Region 2000 Services Authority. Bedford would offer payment of \$100,000 to the Authority over a two year period. Bill Hefty advised that the Authority would need to draw up an Agreement of Withdrawal, which would be taken to each of the localities for approval.

David Laurrell made the motion that the Services Authority accept the City of Bedford's reversion to town status and request to withdraw from the Authority; to authorize staff to work with the Authority's attorney to draft the appropriate document to circulate to the governing bodies, and to advise that they also accept Bedford City's request to withdraw from the Authority. Steve Carter seconded the motion. The motion carried with three in favor and one abstention.

Bill Hefty advised that they would still be required to participate in the DEQ Financial Assurance.

9. Financial Policies

Gary Christie presented two policies for the Authority's consideration.

1. Discount policy for Inert Material

The motion was made by Steve Carter, and seconded by David Laurrell, to approve the discount policy. The motion carried unanimously.

2. Write-off Delinquent Accounts, Insufficient Funds Customers Account Balances, Finance Charges and Penalties of account balances up to \$4,000

The motion was made by Steve Carter, and seconded by David Laurrell, to approve the write-off policy as amended to limit write-offs of account balances up to \$1500.00. Write-offs will be reported to the Authority annually. The motion carried unanimously.

10. Transfer of the Concord Turnpike Operations Building back to Lynchburg

Bill Hefty reported that he is ready to write up a deed for the Concord Turnpike Operations Building. Clarke Gibson added that the Lynchburg City Planning Department is requiring road frontage, and that this will be worked out.

A motion was made by David Laurrell, and seconded by Steve Carter, to proceed with the transfer. The motion carried with three in favor, and one abstention.

11. Director's Report

- a) The Board gave consent to order a heavy duty commercial grade mower. The cost is \$8,800, which is the state contract price.
- b) Mr. Gibson reported that tonnage is trending at the lowest level since operation began.
- c) The template for the website is complete and content is being added.
- d) Engineering contract - most improvement and upgrade projects at Livestock Road have been wrapped up. The procurement process for a new contract engineer will begin and Mr. Gibson stated that he hopes to have a recommendation at the next meeting.
- e) Concord Turnpike Landfill Master Planning
 - Mr. Gibson reported that residential use at the Concord Turnpike runs about 18 to 20 tons per day. Originally, 8 to 11 tons per day had been anticipated. His

recommendation is to leave the Concord Turnpike location open for about one more year, and then closing 100%.

- f) Mr. Gibson previewed the master plan for Livestock Road, showing the remaining phases of the Livestock Road Landfill. This was put together for information purposes to help with developing this year's budget, and also projecting debt service for the proforma.
- g) Livestock Road Landfill Haul Road Improvements – Clarke Gibson reported that the road from the scale house to the landfill has taken a beating with about 250 trucks going in and out every day. He proposes to use some of the money from the Liberty University project for repairing and reconstructing some portions of the haul road. The total cost to do this would be about \$150,000.

A motion was made by David Laurrell, and seconded by Steve Carter, to authorize repairs to the haul road up to the amount of \$147,000, taking funds out of the O & M funds. The motion passed unanimously.

After further discussion, David Laurrell stated that he wanted to wait until the end of the year before committing to using the O & M funds for this work.

12. Election of Officers

David Laurrell made a motion to accept the slate of officers listed on the agenda for a second year term. The motion was seconded by Steve Carter and approved unanimously.

Officers for the next year are:

Kim Payne – Chair
David Laurrell – Vice Chair
Steve Carter – Treasurer
Gary Christie – Secretary

There being no further business, the meeting adjourned at 4:10 p.m.



July 22, 2013

To Region 2000 Services Authority
From Gary Christie

Re Staff summary of measurements at the Sound Barrier Wall at the Livestock Road Landfill

Attached you will find an analysis that Solid Waste Director Clarke Gibson has made using a digital sound meter and a computer model provided by the sound wall vendor.

The measurements were taken during an hour along Barringer Drive. During that hour 20 refuse trucks entered and exited the landfill. Measurements were taken of refuse trucks, passing airplanes, automobiles on Barringer Drive as well as background noise.

Below are some observations for your consideration:

- 1) The highest level noise generated from truck traffic using the landfill is approaching and leaving the scale house. The current sound barrier system captures the majority of this noise and effectively reduces the total noise radiated by approximately 5.1 dBA.
- 2) The noise level at the end of the existing barrier wall averages approximately 45.7 dBA at the receiving property. HUD standards recommend noise levels be below 65 dBA during the day and 55 dBA at night. Even though the landfill facility is exempt, Campbell County noise levels require noise levels to be below 65 dBA during the day and 52 dBA at night on properties with residential dwellings.
- 3) During the test period no noise levels exceeded either the HUD or Campbell County prescribed levels. The highest noise level was from overhead aircraft and the highest level recorded from trucks entering and exiting the landfill were 9 dBA lower than the prescribed levels.
- 4) The sound attenuation resulting from distance to equal the same sound attenuation achieved by the current sound barrier wall is approximately 400 feet past the end of the existing sound barrier.
- 5) While the extension of the current sound barrier wall will achieve a sound reduction of approximately 5.1 dBA along its length, the highest sound levels are achieved within the length of the existing structure. It does not appear that extension of the sound barrier wall by 265' will achieve any significant results beyond its current length. In order to achieve the same sound attenuation as the current structure the wall would need to be extended beyond the additional 265' to a point where the natural attenuation falls below 45.5 dBA. However, that sound level is below what is considered normal background and significantly below what is prescribed by both HUD and the Campbell County ordinance.
- 6) While the conceptual drawing may have established an expectation on the length of the sound wall, the actual results from that extension would only marginally improve the sound at the point of testing. This would decrease the noise levels by an additional 5.1 dBA for a length of 265', or effectively reduce noise levels from 9 dBA below prescribed levels to 14 dBA below prescribed levels.

In his memorandum, Clarke estimates that 100' extension of the wall will cost \$80,000 and a 265' extension would cost \$212,000.

Memorandum

To: REGION 2000 SERVICES AUTHORITY

From: CLARKE W. GIBSON, P.E. *Clay*

Date: 7/22/2013

Re: Sound Barrier Wall Extension Analysis

Noise Propagation Analysis

Three attached noise level propagation analysis scenarios were developed using a computer model provided by the Sound Fighter® sound barrier wall distributor. The data used in the analysis was provided by Authority staff.

Chart 1 is the noise level predicted at a resident's home located across Barringer Drive when a truck is at the end of the existing sound barrier wall; the Chart 2 is the noise level at the home when a truck is at the end of a sound barrier wall extended 100 feet. The Chart 3 is the noise levels at the home when a truck is the end of a sound barrier wall extended 265 feet (total wall length = 600 feet as shown on conceptual drawing). A summary of the Charts 1 – 3 is as follows:

	Noise Level without Barrier (db.)	Noise Level with Barrier (db.)	Noise Level Reduction (db.)
Chart 1 - End of Existing Wall	45.7	40.6	5.1
Chart 2 - Wall Extended 100 Feet	45.3	40.2	5.1
Chart 3 - Wall Extended 265 Feet	44.0	38.8	5.2

The noise level decreases as the truck moves farther away from the home and the presence of a 15' tall sound barrier wall will reduce the truck noise by about 5 db.

Field Sound Level Observations

On 7/16/2013, Authority staff performed a 60 minute sound study at 367 Barringer Drive, the home of one of the landfill neighbors that has filed a complaint about the truck noise emanating from the landfill. The observation point was in driveway immediately adjacent to the home. A tripod mounted Radio Shack digital sound meter located about three feet above grade was used to measure actual sound levels. Staff observed the meter as the noise source was passing the observation point and recorded the highest instantaneous reading on the meter. The data collected is included a Chart 4. A summary of the data collected on Chart 4 is as follows:

1. 20 refuse trucks entered and/or exited the landfill during the observation period.
2. No horns or engine brakes were observed.
3. Highest instantaneous sound level from a refuse truck was 56 db.
4. The highest instantaneous sound level recorded was 67 db. from a plane passing directly overhead. Six planes passed overhead during the observation period.
5. Three cars drove down Barringer Drive during the observation period generating 48 – 50 db.
6. The background noise level ranged from 38 db. to 41 db. included birds, insects, rustling leaves from occasional light breeze and a weedeater a neighbor was using three lots up Barringer Drive, The weedeater noise was mostly intermittent but occasionally measured as high as 48 db.
7. Background noise also included the landfill compactor and occasional back up alarm.
8. Actual field sound level measurements are consistent with computer model output.

Cost Estimate for Sound Barrier Wall Extension:

15' tall, 100' long extension.....\$80,000

15' tall, 265' long extension.....\$212,000

CHART 1

Noise Barrier Reduction
 End of Wall
 Across Barringer Drive
 Elevations 951 / 992
 Distance 695

- Notes:
1. Use this spreadsheet only for omnidirectional / tri-directional point sources (i.e., they have spherical divergence)
 2. This spreadsheet is only accurate for distances where high wind and temperature gradients are not a factor.
 3. Ground effects have been neglected. They can be significant at times.
 4. Enter information only in the yellow cells.
 5. This worksheet only works if the barrier breaks the line of sight between the listener and noise source. Verify that $H_{barrier}$ is greater than H_{LOS} .
 6. The answer is the Delta A-wt at the bottom in the pink cell.

Geometry in feet		$\delta = a+b-c = 0.0$	
H_{source}	= 966.14	Elevation of the source	(elevation 951.14 + 15 VF for truck exhaust stack height)
$H_{receiver}$	= 1002	Elevation of the receiver	(elevation is the average of the residential front yards across Barringer Drive 992 plus 10 VF at f
$H_{barrier}$	= 967.14	Elevation of the top of the barrier	(elevation 951.14 + 15 VF of wall)
H_{LOS}	= 966.9	Elevation of barrier if it just breaks the line of sight.	(Note: Top of barrier elevation to break line of site requires a 16 to 14
$D_{receiver-source}$	= 695	If your elevation of top of barrier is less than this, the IL will be zero.	
$D_{barrier-source}$	= 15	Distance between receiver and source	
a	= 15.0	Distance between barrier and source	
b	= 680.9		
c	= 695.9		

f(Hz)	L_w (dB re 1 pW)	Air Absorption (dB/1000 ft) [*]	L_p at $D_{receiver}$ w/o Barrier (dB re 1µPa)	Fresnel Number, N	$IL_{barrier}$ (dB)	L_p at $D_{receiver}$ Over Barrier (dB)	TL Barrier (dB)	L_p at $D_{receiver}$ Thru Barrier (dB)	L_p at $D_{receiver}$ Total (dB)
63	99	0.03	41.4	0.0	5	36.4	10	31.4	37.6
125	99	0.10	41.4	0.0	5	36.4	15	26.4	36.8
250	99	0.31	41.2	0.0	5	36.2	20	21.2	36.4
500	99	0.75	40.9	0.0	5	35.9	25	15.9	35.9
1000	99	1.34	40.5	0.0	5	35.5	30	10.5	35.5
2000	99	2.68	39.6	0.0	5	34.5	35	4.6	34.5
4000	99	7.56	36.2	0.0	5	17.6	40	-3.8	31.0
8000	99	26.40	23.1	0.0	5	17.6	45	-21.9	17.6
A-wt	106.0		45.7			40.6		18.2	40.6

* p = 1.00 atm
 T = 59° F
 h = 70 %

Delta A-wt = 5.1

db Level at Homes across Barringer Drive
 *Federal HUD guideline 55dBA Night / 65 dBA Day
 Reduction

Noise Barrier Reduction
 Extended (100LF)
 Across Barringer Drive
 Elevations 951 / 992
 Distance 720

CHART 2

- Notes:
1. Use this spreadsheet only for omnidirectional / tri-directional point sources (i.e., they have spherical divergence)
 2. This spreadsheet is only accurate for distances where high wind and temperature gradients are not a factor.
 3. Ground effects have been neglected. They can be significant at times.
 4. Enter information only in the yellow cells.
 5. This worksheet only works if the barrier breaks the line of sight between the listener and noise source. Verify that H_{barrier} is greater than H_{LOS} .
 6. The answer is the Delta A-wt at the bottom in the pink cell.

f(Hz)	L_w (dB re 1 pW)	Air Absorption (dB/1000 ft)*	L_p at D_{receiver} w/o Barrier (db re 1µPa)	Geometry in feet			L_p at D_{receiver} Over Barrier (dB)	TL Barrier (dB)	L_p at D_{receiver} Thru Barrier (dB)	L_p at D_{receiver} Total (dB)
				Fresnel Number N	$\delta = a+b-c = 0.0$	IL_{barrier} (dB)				
63	99	0.03	41.1	0.0	0.0	5	10	31.1	37.3	
125	99	0.10	41.1	0.0	5	5	15	26.1	36.5	
250	99	0.31	40.9	0.0	5	5	20	20.9	36.0	
500	99	0.75	40.6	0.0	5	5	25	15.6	35.6	
1000	99	1.34	40.2	0.0	5	5	30	10.2	35.1	
2000	99	2.68	39.2	0.0	5	5	35	4.2	34.1	
4000	99	7.56	35.7	0.0	5	5	40	-4.3	30.4	
8000	99	26.40	22.1	0.0	6	6	45	-22.9	16.6	
A-wt	106.0		45.3				40.2	17.9	40.2	

* p = 1.00 atm
 T = 59° F
 h = 70 %

Delta A-wt= 5.1

db Level at Homes across Barringer Drive
 *Federal HUD guideline 55dBA Night / 65 dBA Day
 Reduction

Noise Barrier Reduction
 Extended (265LF)
 Across Barringer Drive
 Elevations 951 / 992
 Distance 815

CHART 3

- Notes:
1. Use this spreadsheet only for omnidirectional / Vr-directional point sources (i.e. they have spherical divergence)
 2. This spreadsheet is only accurate for distances where high wind and temperature gradients are not a factor.
 3. Ground effects have been neglected. They can be significant at times.
 4. Enter information only in the yellow cells.
 5. This worksheet only works if the barrier breaks the line of sight between the listener and noise source. Verify that H_{listener} is greater than H_{LOS} .
 6. The answer is the Delta A-wt at the bottom in the pink cell.

Geometry in feet		Geometry in feet			
$H_{\text{source}} = 966.14$	Elevation of the source (elevation 951.14 + 15 VF for truck exhaust stack height)	$H_{\text{receiver}} = 1002$	Elevation of the receiver (elevation is the average of the residential front yards across Barringer Drive 992 plus 10 VF at 1		
$H_{\text{barrier}} = 967.14$	Elevation of the top of the barrier	$H_{\text{LOS}} = 966.8$	Elevation of barrier if it just breaks the line of sight. (Note: Top of barrier elevation to break line of site requires a 16 to 11		
$D_{\text{receiver-source}} = 815$	If your elevation of top of barrier is less than this, the IL will be zero.	$D_{\text{barrier-source}} = 15$	Distance between receiver and source		
$a = 15.0$	Distance between barrier and source	$b = 800.8$			
$c = 815.8$					
$\delta = a+b-c = 0.0$					
Fresnel Number, N	L_p at D_{receiver} w/o Barrier (db re 1µPa)	L_p at D_{receiver} Over Barrier (db)	TL Barrier (db)	L_p at D_{receiver} Thru Barrier (db)	L_p at D_{receiver} Total (db)
0.0	40.0	35.0	10	30.0	36.2
0.0	40.0	35.0	15	25.0	35.4
0.0	39.8	34.8	20	19.8	34.9
0.0	39.5	34.4	25	14.5	34.4
0.0	39.0	33.8	30	9.0	33.9
0.0	37.9	32.6	35	2.9	32.6
0.0	33.9	28.4	40	-6.1	28.4
0.1	18.5	12.6	45	-26.5	12.6
	44.0				38.8

* p = 1.00 atm
 T = 59° F
 h = 70 %

Delta A-wt= **5.2**

db Level at Homes across Barringer Drive
 *Federal HUD guideline 55dBA Night / 65 dBA Day
 Reduction

Field Sound Level Observation

Date: 07/16/2013

Time: 10:36 AM - 11:36 AM

Location: 367 Barringer Drive

Weather: Sunny, 85, light and variable breeze.

CHART 4

Column1	Column2	Column3
TIME	db. READING	NOTES
10:36 AM	39	Background
10:38 AM	40	Refuse Truck
10:40 AM	45	Refuse Truck
10:43 AM	45	Dogs barking
10:44 AM	53	Refuse Truck
10:45 AM	39	Background
10:47 AM	47	Refuse Truck
10:51 AM	47	Refuse Truck
10:52 AM	50	Mail Carrier
10:53 AM	39	Background
10:54 AM	42	Plane
10:55 AM	46	Refuse Truck
10:56 AM	48	Car
10:58 AM	55	Refuse truck + plane
10:59 AM	56	Refuse truck
11:00 AM	44	Weedeater
11:01 AM	51	Plane
11:05 AM	50	Refuse truck
11:06 AM	67	Plane
11:07 AM	45	Refuse truck
11:08 AM	48	Motorcycle on Rt. 29
11:11 AM	42	Weedeater
11:11 AM	45	Refuse truck
11:13 AM	44	Refuse truck
11:14 AM	41	Weedeater
11:16 AM	50	Refuse truck
11:17 AM	48	Weedeater
11:18 AM	50	Car
11:19 AM	48	Car
11:19 AM	56	Refuse truck
11:23 AM	57	Plane
11:24 AM	48	Refuse truck
11:25 AM	47	Refuse truck
11:27 AM	47	Plane
11:29 AM	46	Refuse truck
11:30 AM	38	Background
11:33 AM	48	Refuse truck
11:34 AM	49	Refuse truck
11:36 AM	41	Background

Memorandum

To: REGION 2000 SERVICES AUTHORITY

From: CLARKE W. GIBSON, P.E. 

Date: 7/22/2013

Re: Engineering and Environmental Compliance Monitoring Contract Recommendations

Engineering Services:

Authority staff issued an RFP for Engineering Services on June 9, 2013. The RFP was advertised in the News and Advance and posted on the Authority website. The proposals were due on July 1, 2013. Six firms were mailed a copy of the RFP and one firm, Draper Aden Associates responded with a proposal.

Based on the experience and qualifications of the personnel of the firm and prior positive experience with this firm, staff recommends the Authority enter into the contract for Engineering Services with Draper Aden Associates. The contract term is three years and can be renewed an additional two-one year terms.

Landfill Gas Management and Monitoring Services:

Authority staff issued an RFP for Landfill Gas Management and Monitoring Services on June 9, 2013. The RFP was advertised in the News and Advance and posted on the Authority website. The proposals were due on July 1, 2013. Six firms were mailed a copy of the RFP and one firm, SCS, responded with a proposal.

Based on the experience and qualifications of the personnel of the firm and prior positive experience with this firm, staff recommends the Authority enter into the contract for Landfill Gas Management and Monitoring Services with SCS. The contract term is three years and can be renewed an additional two-one year terms.

Groundwater Monitoring Services:

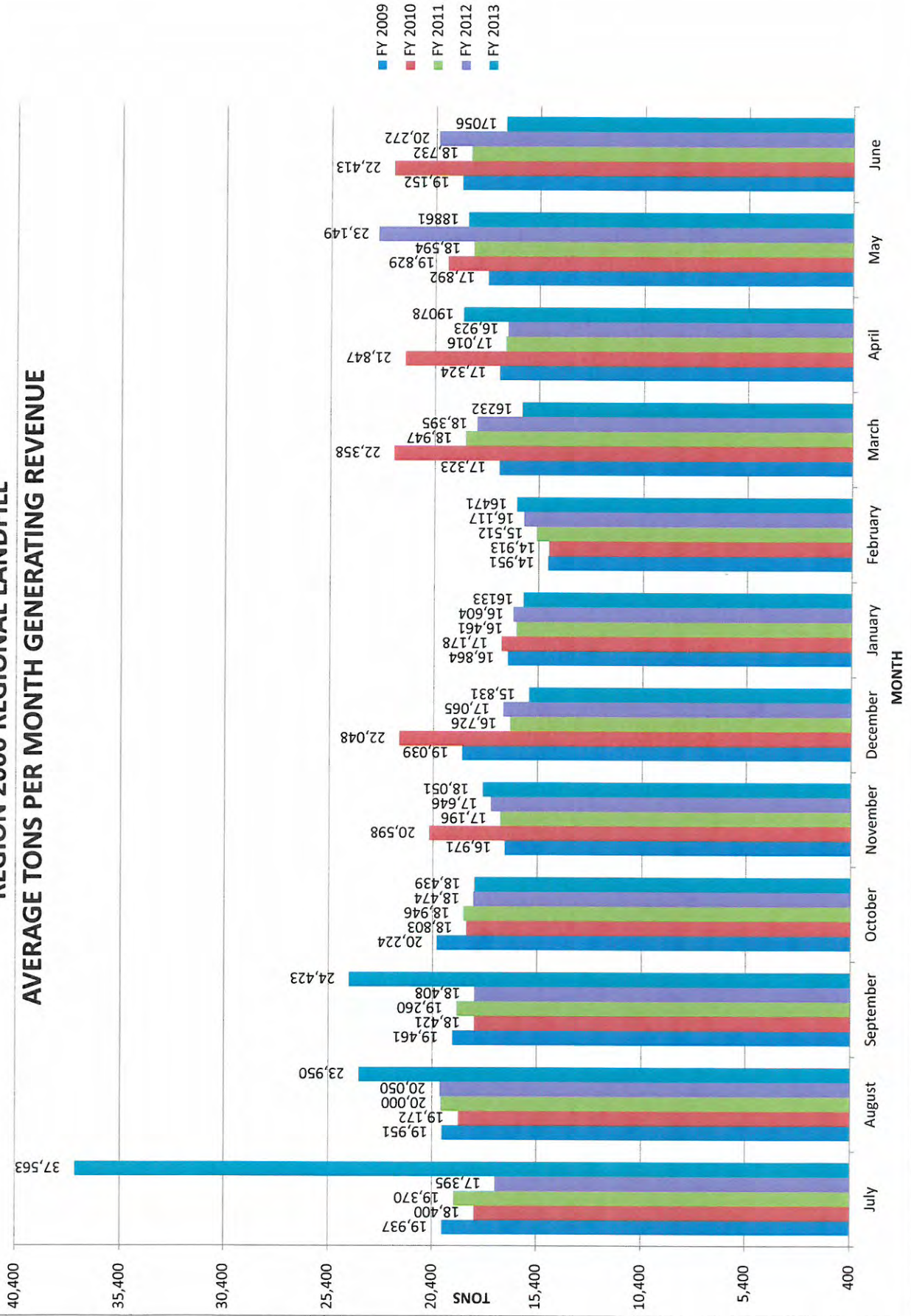
Authority staff issued an RFP for Groundwater Monitoring Services on June 9, 2013. The RFP was advertised in the News and Advance and posted on the Authority website. The proposals were due on July 1, 2013. Six firms were mailed a copy of the RFP and two firms, Draper Aden Associates and PSI, Inc. responded with a proposal.

Draper Aden has worked with the City of Lynchburg Landfill for 25 (1984) years and performed groundwater monitoring for the Region 2000 Services Authority Concord Turnpike Landfill since the Region 2000 Services Authority began operations. Draper Aden is currently performing groundwater monitoring and reporting at the Livestock Road Landfill. Draper Aden has been involved in all aspects of landfill operations including permitting, construction, and compliance. They are familiar with the history of the groundwater monitoring program at both landfill operations and have demonstrated a good working relationship with the Virginia Department of Environmental Quality.

Based the information in the proposal, PSI, Inc. has limited experience with landfill groundwater monitoring programs and was not selected for an interview.

Based on the experience and qualifications of the personnel of the firm and prior positive experience with this firm, staff recommends the Authority enter into the contract for Groundwater Monitoring Services with Draper Aden Associates. The contract term is three years and can be renewed an additional two-one year terms.

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



**Region 2000 Services Authority
FY13 Actuals
As of 6/30/2013**

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Region 2000 Services Authority
FY 2013 Disposal Fee Revenue - through 6/30/2013

Attachment No. 2a

Schedule 1

Increase in Contract Rate to \$34/Other rates \$28/\$38

Tonnage	FY 13 Budget	Actuals Through 6/30/13	Diff Between Budget & Actual-FY 13	% Budget Remaining-FY 13	FY 14 Approved Budget
Tonnage From Member Jurisdictions					
Lynchburg	51,145	39,540	11,605	22.69%	38,747
Campbell	22,558	20,534	2,024	8.97%	20,222
Nelson	10,481	8,840	1,641	15.66%	8,804
Appomattox	6,371	5,353	1,018	15.97%	5,280
Bedford	4,766	3,389	1,377	28.89%	-
Subtotal Member Jurisdictions	95,321	77,656	17,665	18.53%	73,052
Lynchburg Contracts & Other Waste	28,000	28,137	(137)	-0.49%	29,362
Market Rate Tonnage	108,267	136,263	(27,996)	-25.86%	102,932
Subtotal Contract and Market Rate	136,267	164,400	(28,133)	-20.65%	132,294
Subtotal Revenue Generating Tonnage	231,588	242,056	(10,468)	-4.52%	205,346
Other Tonnage at No Charge (inert/brush/slag)	9,391	24,303	(14,912)	-158.79%	13,119
Total Tonnage	240,979	266,359	(25,380)	-10.53%	218,465

Disposal Fee Revenue	FY 13 Budget	Actuals Through 6/30/13	Diff Between Budget & Actual-FY 13	% Budget Remaining-FY 13	FY 14 Approved Budget
From Member Jurisdictions					
Lynchburg	\$ 1,432,060	\$ 1,108,045	\$ 324,015	22.6%	\$ 1,084,910
Campbell	\$ 631,624	\$ 576,434	\$ 55,190	8.7%	\$ 566,208
Nelson	\$ 293,468	\$ 247,516	\$ 45,952	15.7%	\$ 246,506
Appomattox	\$ 178,388	\$ 149,876	\$ 28,512	16.0%	\$ 147,840
Bedford	\$ 133,448	\$ 94,859	\$ 38,589	28.9%	\$ -
Subtotal Member Jurisdictions	\$ 2,668,988	\$ 2,176,730	\$ 492,258	18.4%	\$ 2,045,464
Lynchburg Contracts & Other Waste	\$ 896,000	\$ 887,293	\$ 8,707	1.0%	\$ 998,298
Outside Tonnage-Market Rate	\$ 4,114,146	\$ 5,162,917	\$ (1,048,771)	-25.5%	\$ 3,911,435
Subtotal Contract and Market Rate	\$ 5,010,146	\$ 6,050,210	\$ (1,040,064)	-20.8%	\$ 4,909,732
Total	\$ 7,679,134	\$ 8,226,941	\$ (547,807)	-7.1%	\$ 6,955,197

Per Ton Disposal Fees	FY 13 Budget	YTD Average Through 6/30/13	Diff Between Budget & Actual-FY 13	% Difference	FY 14 Approved Budget
Member Disposal Fee	\$ 28.000	\$ 28.0304305	\$ (0.030)	-0.11%	\$ 28.000
Cost of Service (COS) Tipping Fee	\$ 28.054	\$ 25.9752362	\$ 2.079	7.41%	\$ 28.000
Avg. Rate-Lynchburg Contracts & Other Waste	\$ 32.000	\$ 31.5347695	\$ 0.465	1.45%	\$ 34.000
Market Rate	\$ 38.000	\$ 37.8894046	\$ 0.111	0.29%	\$ 38.000

Region 2000 Services Authority
 FY 2013 Expenses - through 6/30/13
 SUMMARY - Schedule 2

Increase in Contract Rate to \$34/Other rates \$28/\$38

Expenses	FY 13 Budget	Actuals Through 6/30/13	Diff Between Budget & Actual-FY 13	% Budget Remaining-FY 13	FY 14 Approved Budget	% Change FY13 to FY14 Budget
Personnel Subtotal	\$ 1,273,143	\$ 1,260,128	\$ 13,015	1%	\$ 1,349,034	5.96%
Landfill O & M Subtotal	\$ 1,574,340	\$ 1,335,570	\$ 238,770	15%	\$ 1,470,900	-6.57%
Landfill Equipment Replacement Reserve Subtotal	\$ 307,941	\$ 307,941	\$ -	0%	\$ 300,000	-2.58%
Closure and Post-Closure Reserve Subtotal	\$ 985,000	\$ 985,000	\$ -	0%	\$ 781,111	-20.70%
Environmental Remediation	\$ 50,000	\$ 50,000	\$ -	0%	\$ 50,000	0.00%
O & M Reserve	\$ 200,000	\$ 200,000	\$ -	0%	\$ 141,716	-29.14%
Debt Service Reserve	\$ 67,000	\$ 67,000	\$ -	0%	\$ -	-100.00%
Annual Debt Service Subtotal	\$ 2,366,960	\$ 2,366,960	\$ (0)	0%	\$ 1,979,303	-16.38%
Operating Expenses	\$ 6,824,384	\$ 6,572,599	\$ 251,784	4%	\$ 6,072,064	-11.02%
Reimbursable Expenses Subtotal	\$ (306,411)	\$ (243,041)	\$ (63,370)	21%	\$ (301,344)	-1.65%
Late Fee & Other Income Subtotal	\$ (21,000)	\$ (42,102)	\$ 21,102	-100%	\$ (21,000)	0.00%
Other Income Total	\$ (327,411)	\$ (285,144)	\$ (42,267)	13%	\$ (322,344)	-1.55%

Net Cost of Service Operating Expense Total	\$ 6,496,973	\$ 6,287,456	\$ 209,517	3.2%	\$ 5,749,720	-11.50%
Total Revenue Generating Tonnage	231,588	242,056	(10,468)	-4.5%	205,346	-11.33%
Disposal Cost per Ton	\$ 28,0540	\$ 25,975	\$ 2,079	7.4%	\$ 28,0001	-0.19%

Airspace Reserve Authority	FY 13 Budget	Actuals Through 6/30/13	Diff Between Budget & Actual-FY 13	% Budget Remaining-FY 13	FY 14 Approved Budget	% Change FY13 to FY14 Budget
**Lynchburg (Newly Revised Split is 30.6%)	\$ 363,317	\$ 363,317	\$ (0)	0%	\$ 368,878	1.53%
Campbell (Newly Revised Split is 69.4%)	\$ 823,993	\$ 823,993	\$ (0)	0%	\$ 836,605	1.53%
Airspace Reserve Subtotal	\$ 1,187,310	\$ 1,187,310	\$ (0)	0%	\$ 1,205,483	1.53%
O & M Reserve Contribution	\$ (5,149)	\$ 752,174	\$ (757,323)	14709%	\$ (7)	-99.87%

Total Expenses	\$ 7,679,134	\$ 8,226,941	\$ (547,807)	-7%	\$ 6,955,197	-9.43%
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**Personnel
Schedule 3**

Attachment No. 2a

	Account	FY 13 Budget	Actuals Through 6/30/13	Diff Between Budget & Actual-FY 13	% Budget Remaining-FY 13	FY 14 Approved Budget	% Change FY13 to FY14 Budget
	Solid Waste Staff Management						
41111	Salaries - Solid Waste Director	\$ 101,948	\$ 102,698	\$ (750)	-0.7%	\$ 105,007	3.00%
41112	Salaries-Environ Compl & Safety	\$ 46,013	\$ 46,763	\$ (750)	-1.6%	\$ 47,393	3.00%
41113	Salaries-Business Manager	\$ 56,817	\$ 57,567	\$ (750)	-1.3%	\$ 58,522	3.00%
41114	Salaries-Finance Associate	\$ 40,744	\$ 41,494	\$ (750)	-1.8%	\$ 41,966	3.00%
	Subtotal-Management	\$ 245,522	\$ 248,522	\$ (3,000)	-1.2%	\$ 252,888	3.00%
	Salaries & Wages-Operations						
41121	Salaries & Wages-Operations Mgr	\$ 55,987	\$ 56,737	\$ (750)	-1.3%	\$ 57,667	3.00%
41122	Salaries-Recycling Program Mgr	\$ 46,288	\$ 47,038	\$ (750)	-1.6%	\$ 47,676	3.00%
41123	Salaries&Wages-Scale Operator	\$ 82,505	\$ 83,321	\$ (816)	-1.0%	\$ 83,484	1.19%
41124	Salaries&Wages-Operator IV	\$ 75,293	\$ 76,793	\$ (1,500)	-2.0%	\$ 77,551	3.00%
41125	Salaries&Wages-Operator III	\$ 65,755	\$ 69,727	\$ (3,972)	-6.0%	\$ 67,728	3.00%
41126	Salaries&Wages-Operator II	\$ 163,067	\$ 163,430	\$ (363)	-0.2%	\$ 167,959	3.00%
41127	Salaries&Wages-Operator I	\$ 23,662	\$ 23,240	\$ 422	1.8%	\$ 23,079	-2.46%
41128	Salaries&Wages-Mechanic	\$ 30,720	\$ 31,264	\$ (544)	-1.8%	\$ 54,503	77.42%
41100	Salaries&Wages-Other	\$ -	\$ -	\$ -	0.0%	\$ -	0.00%
	Subtotal-Operations	\$ 543,276	\$ 551,550	\$ (8,274)	-1.5%	\$ 579,647	6.69%
	Total	\$ 788,798	\$ 800,072	\$ (11,274)	-1.4%	\$ 832,535	5.54%
	Employee Benefits						
42210	VRS-Retirement (10.92% ER + 5.0% EE)	\$ 86,137	\$ 85,058	\$ 1,079	1%	\$ 90,913	5.54%
42220	VRS Life Insurance (1.19%)	\$ 9,387	\$ 9,351	\$ 36	0%	\$ 9,907	5.54%
42300	Employer Cost-Health Insurance	\$ 117,803	\$ 122,704	\$ (4,900)	-4%	\$ 135,236	14.80%
42700	Employer Cost-Worker's Comp	\$ 30,858	\$ 21,986	\$ 8,872	29%	\$ 31,784	3.00%
42100	Employer Cost-FICA	\$ 61,873	\$ 59,726	\$ 2,147	3%	\$ 65,265	5.48%
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%
	Payroll Administration-moved to Contractual Services						
	Employee Benefits Subtotal	\$ 314,058	\$ 298,824	\$ 15,234	4.9%	\$ 341,104	8.61%
	Overtime						
41200	Salaries and Wages - Overtime	\$ 20,000	\$ 18,817	\$ 1,183	6%	\$ 20,600	3.00%
41300	Part -time Salaries-Wages-Regul	\$ -	\$ -	\$ -	0%	\$ -	
41400	Part -time Salaries-Wages-Overt	\$ -	\$ -	\$ -	0%	\$ -	
	Overtime Subtotal	\$ 20,000	\$ 18,817	\$ 1,183	6%	\$ 20,600	3.00%
	Total Personnel Costs-Services Authority Staff	\$ 1,122,856	\$ 1,117,713	\$ 5,143	0.5%	\$ 1,194,239	6.36%
	Local Government Council Staff						
43131	Prof Services-LGC-Salaries	\$ 62,294	\$ 61,788	\$ 506	0.8%	\$ 64,163	3.00%
43132	Prof Services-LGC-Benefits	\$ 35,888	\$ 37,328	\$ (1,440)	-4.0%	\$ 36,964	3.00%
43133	Prof Services-LGC Overhead	\$ 52,105	\$ 43,299	\$ 8,806	16.9%	\$ 53,668	3.00%
	Total Personnel Costs-Region 2000 Staff	\$ 150,287	\$ 142,415	\$ 7,872	5.2%	\$ 154,796	3.00%
	Total Personnel Costs	\$ 1,273,143	\$ 1,260,128	\$ 13,015	1.0%	\$ 1,349,034	5.96%

**Landfill Operating and Maintenance Expenses
Schedule 4**

Attachment No. 2a

Account	Operations and Maintenance Cost Type	FY 13 Budget	Actuals Through 6/30/13	Diff Between Budget & Actual-FY 13	% Budget Remaining-FY 13	FY 14 Approved Budget	% Change FY13 to FY14 Budget
	Contractual Services						
43166	Software support-Paradigm	\$ 15,000	\$ 6,142	\$ 8,858	59%	\$ 10,000	-33.33%
43321	Communications M&R Service/Radio	\$ 1,100	\$ 7,571	\$ (6,471)	-588%	\$ 8,000	627.27%
43313	Building M & R Services	\$ 1,000	\$ 6,219	\$ (5,219)	-522%	\$ 2,000	100.00%
43171	Site Maintenance-Lynchburg	\$ 5,000	\$ 9,306	\$ (4,306)	-86%	\$ 5,000	0.00%
43172	Site Maintenance-Campbell	\$ 5,000	\$ 12,656	\$ (7,656)	-153%	\$ 10,000	100.00%
43170	Sedimentation Basin Cleaning	\$ -	\$ -	\$ -	0%	\$ -	0.00%
43169	Janitorial Services	\$ 7,800	\$ 7,617	\$ 183	2%	\$ 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	\$ 7,000	\$ 6,500	\$ 500	7%	\$ 7,000	0.00%
43140	Engineering/Monitoring Services-Lynchburg	\$ 50,000	\$ 35,966	\$ 14,034	28%	\$ 50,000	0.00%
43140a	Engineering/Monitoring Services-Campbell	\$ 70,000	\$ 93,780	\$ (23,780)	-34%	\$ 50,000	-28.57%
43141	Professional Consulting Service	\$ -	\$ -	\$ -	0%	\$ -	0.00%
43160	Environmental Lab Services-Lynchburg	\$ 15,000	\$ 4,609	\$ 10,391	69%	\$ 15,000	0.00%
43160a	Environmental Lab Services-Campbell	\$ 15,000	\$ 4,140	\$ 10,860	72%	\$ 15,000	0.00%
43200	Temporary Help Service Fees	\$ 20,000	\$ 12,740	\$ 7,260	36%	\$ 20,000	0.00%
43600	Advertising	\$ 5,000	\$ 2,368	\$ 2,632	53%	\$ 5,000	0.00%
43176	Software Purchases-Other	\$ 5,000	\$ 398	\$ 4,602	92%	\$ 5,000	0.00%
43167	Pest Control services	\$ 1,200	\$ 520	\$ 680	57%	\$ 1,200	0.00%
43168	Investigative Services	\$ 500	\$ 49	\$ 452	90%	\$ 500	0.00%
46011	Uniform Rental Services	\$ 7,000	\$ 14,633	\$ (7,633)	-109%	\$ 11,000	57.14%
43161	Tire Shredding Services	\$ 7,000	\$ 2,827	\$ 4,173	60%	\$ 7,000	0.00%
43165	Misc Contractual Services	\$ 1,000	\$ 7,056	\$ (6,056)	-606%	\$ 1,000	0.00%
43177	Creation and Maintenance of a web site	\$ 1,000	\$ 1,622	\$ (622)	-62%	\$ 1,000	0.00%
42850	Employee Med Exp-drug tests, ph	\$ 2,000	\$ 1,526	\$ 474	24%	\$ 2,000	0.00%
43174	Equip Parts Supplier Admin	\$ -	\$ 1,290	\$ (1,290)	0%	\$ -	0.00%
46031	Heavy Equipment-Outside Repair	\$ 130,000	\$ 107,559	\$ 22,441	17%	\$ 70,000	-46.15%
43173	Mechanical M&R Services	\$ 5,000	\$ 1,349	\$ 3,651	73%	\$ 5,000	0.00%
43175	Software support-City of Lynchb	\$ 5,100	\$ -	\$ 5,100	100%	\$ -	-100.00%
43121	Payroll support services	\$ 12,000	\$ 10,500	\$ 1,500	13%	\$ 12,000	0.00%
46017	Software Maint Contract-Accounting	\$ 800	\$ 226	\$ 574	72%	\$ 800	0.00%
43162	HHW Disposal	\$ -	\$ 517	\$ (517)	0%	\$ -	0.00%
43163	Wood Waste Grinding	\$ -	\$ 1,628	\$ (1,628)	0%	\$ 10,000	0.00%
	Contractual Services Subtotal	\$ 424,500	\$ 391,313	\$ 33,187	8%	\$ 361,300	-14.89%
	Supplies & Materials						
46001	Office Supplies/Audio Visual Supplies	\$ 8,400	\$ 11,621	\$ (3,221)	-38%	\$ 8,400	0.00%
46002	Forms & Stationary	\$ 1,500	\$ 585	\$ 915	61%	\$ 1,500	0.00%
46005	Custodial Supplies	\$ 2,500	\$ 3,976	\$ (1,476)	-59%	\$ 4,000	60.00%
46033	Apparel/Protective Wear/Personal Protective Equipment	\$ 5,000	\$ (821)	\$ 5,821	116%	\$ 5,000	0.00%
46012	Books & Publications	\$ -	\$ -	\$ -	0%	\$ -	0.00%
46013	Subscriptions	\$ 1,000	\$ 629	\$ 371	37%	\$ 1,000	0.00%
46018	Safety Supplies	\$ 5,000	\$ (7,108)	\$ 12,108	242%	\$ 5,000	0.00%
46019	Awards & Recognitions	\$ 1,500	\$ -	\$ 1,500	100%	\$ 1,500	0.00%
46020	Grounds Maintenance Supplies	\$ 5,000	\$ 6,379	\$ (1,379)	-28%	\$ 5,000	0.00%
46026	Food & Dietary Supplies	\$ 1,000	\$ 566	\$ 434	43%	\$ 1,000	0.00%
46022	Minor Equipment-Tools	\$ 2,500	\$ 12,344	\$ (9,844)	-394%	\$ 2,500	0.00%
46021	Chemicals/gases	\$ 1,000	\$ 147	\$ 853	85%	\$ 1,000	0.00%
43310	R & M- Office	\$ -	\$ 24	\$ (24)	0%	\$ -	0.00%
46009	Vehicle M&R Equipment Parts	\$ 100,000	\$ 100,158	\$ (158)	0%	\$ 130,000	30.00%
46007	R&M Supplies-Building	\$ 1,000	\$ 792	\$ 208	21%	\$ 5,000	400.00%
43312	R & M-Mechanical-Materials	\$ 1,000	\$ 896	\$ 104	10%	\$ 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	\$ 135,037	\$ (25,037)	-23%	\$ 110,000	0.00%
46027	Daily Cover/Posi-Shell	\$ 110,000	\$ 25,591	\$ 84,409	77%	\$ 110,000	0.00%
46034	Side Slope Soil Cover	\$ 5,000	\$ 3,218	\$ 1,783	36%	\$ 5,000	0.00%
45210	Postal Services	\$ 2,000	\$ 1,567	\$ 433	22%	\$ 2,000	0.00%
45220	Messenger Services	\$ 100	\$ 261	\$ (161)	-161%	\$ 200	100.00%
43500	Printing & Binding	\$ -	\$ 705	\$ (705)	0%	\$ 1,000	0.00%
42810	Clothing Allowance	\$ -	\$ -	\$ -	0%	\$ -	0.00%
42820	Education-Tuition Assistance	\$ 5,000	\$ -	\$ 5,000	100%	\$ 5,000	0.00%
46006	Linen Supplies	\$ -	\$ -	\$ -	0%	\$ -	0.00%
46023	Computer Materials & Repair	\$ 10,000	\$ 12,125	\$ (2,125)	-21%	\$ 10,000	0.00%
46024	Mechanical M&R Materials	\$ -	\$ -	\$ -	0%	\$ -	0.00%
	Supplies & Materials Subtotal	\$ 381,000	\$ 308,689	\$ 72,311	19%	\$ 417,600	9.61%

**Landfill Operating and Maintenance Expenses
Schedule 4**

Attachment No. 2a

Account	Operations and Maintenance Cost Type	FY 13 Budget	Actuals Through 6/30/13	Diff Between Budget & Actual-FY 13	% Budget Remaining-FY 13	FY 14 Approved Budget	% Change FY13 to FY14 Budget
	Gas/Diesel Fuel/Oil & Grease	\$ 350,000		\$ 350,000		\$ 350,000	
46008	Vehicle & Equipt Fuel-Diesel	\$ -	\$ 290,022	\$ (290,022)	0%	\$ -	
46028	Vehicle & Equipt Fuel-Gasoline	\$ -	\$ 14,235	\$ (14,235)	0%	\$ -	
46029	Vehicle & Equipt/Oil & Grease	\$ -	\$ 19,441	\$ (19,441)	0%	\$ -	
	Gas/Diesel Fuel/Oil & Grease Subtotal	\$ 350,000	\$ 323,697	\$ 26,303	8%	\$ 350,000	0.00%
	Rentals & Leases			\$ -	0%		
45410	Lease/Rent of Equipment-Office (Copier/postal meter)	\$ 7,000	\$ 5,022	\$ 1,978	28%	\$ 7,000	0.00%
45411	Lease/Rent of Equipment-Landfill	\$ 3,000	\$ (369)	\$ 3,369	112%	\$ 5,000	66.67%
45420	Lease/Rent of Buildings	\$ 2,000	\$ 550	\$ 1,450	73%	\$ -	-100.00%
	Rentals & Leases Subtotal	\$ 12,000	\$ 5,203	\$ 6,797	57%	\$ 12,000	0.00%
	Utilities & Natural Gas						
45230	Telephone/Internet	\$ 4,800	\$ 17,054	\$ (12,254)	-255%	\$ 18,000	275.00%
45110	Electrical Services	\$ 36,000	\$ 19,024	\$ 16,976	47%	\$ 15,000	-58.33%
45130	Water & Sewer	\$ 12,000	\$ (10,599)	\$ 22,599	188%	\$ 3,500	-70.83%
45120	Utilities - Propane Gas	\$ 7,000	\$ 46	\$ 6,954	99%	\$ -	-100.00%
45231	Cellular Services & Pager	\$ 1,440	\$ 1,920	\$ (480)	-33%	\$ 2,000	38.89%
45121	Utilities - Natural Gas	\$ -	\$ -	\$ -	0%	\$ -	0.00%
	Utilities & Natural Gas Subtotal	\$ 61,240	\$ 27,444	\$ 33,796	55%	\$ 38,500	-37.13%
	Travel & Training						
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	\$ -	\$ 3,855	\$ (3,855)	0%	\$ -	
45540	Travel-Convention & Education	\$ -	\$ 3,104	\$ (3,104)	0%	\$ -	
46014	On-Site Training	\$ 5,000	\$ 4,388	\$ 612	12%	\$ 5,000	0.00%
	Travel & Training Subtotal	\$ 10,000	\$ 11,676	\$ (1,676)	-17%	\$ 10,000	0.00%
	Miscellaneous						
45800	Miscellaneous	\$ 3,500	\$ -	\$ 3,500	100%	\$ 3,500	0.00%
45810	Dues and Assoc Membership-Misc	\$ 1,000	\$ 1,770	\$ (770)	-77%	\$ 1,000	0.00%
45801	Bank Service Charges	\$ 3,000	\$ 5,278	\$ (2,278)	-76%	\$ 3,600	20.00%
45802	Cash Overage and Shortage	\$ -	\$ 0	\$ (0)	0%	\$ -	0.00%
45803	Finance Charges paid to vendors	\$ -	\$ 52	\$ (52)	0%	\$ -	0.00%
45804	Bad Debt Expense	\$ -	\$ -	\$ -	0%	\$ -	0.00%
46030	Fleet Services Internal Charges-Mgt	\$ 12,700	\$ -	\$ 12,700	100%	\$ -	-100.00%
45840	VDEQ landfill fee - Misc	\$ 75,000	\$ 25,493	\$ 49,507	66%	\$ 30,000	-60.00%
	Misc Expenses Subtotal	\$ 95,200	\$ 32,593	\$ 62,607	66%	\$ 38,100	-59.98%
	Payments to Other Entities						
43164	Leachate Treatment-Concord Turnpike	\$ 15,000	\$ 11,126	\$ 3,874	26%	\$ 13,000	-13.33%
43164a	Leachate Treatment-Campbell	\$ -	\$ 4,718	\$ (4,718)	0%	\$ 15,000	0.00%
	Insurance	\$ -	\$ -	\$ -	0%	\$ -	
45308	General Liability insurance	\$ 50,000	\$ 40,758	\$ 9,242	18%	\$ 50,000	0.00%
	Payments to Other Entities Subtotal	\$ 65,000	\$ 56,603	\$ 8,397	13%	\$ 78,000	20.00%
	Sub-Total SA O&M Expenses	\$ 1,398,940	\$ 1,157,217	\$ 241,723	17%	\$ 1,305,500	-6.68%

**Landfill Operating and Maintenance Expenses
Schedule 4**

Attachment No. 2a

Account	Operations and Maintenance Cost Type	FY 13 Budget	Actuals Through 6/30/13	Diff Between Budget & Actual-FY 13	% Budget Remaining-FY 13	FY 14 Approved Budget	% Change FY13 to FY14 Budget
	Reimbursable Landfill O & M Expenses						
	City of Lynchburg						
43140	Engineering/Monitoring Services	\$ 80,000	\$ 112,164	\$ (32,164)	-40%	\$ 50,000	-37.50%
43160	Environmental Lab Services	\$ 14,000	\$ 9,210	\$ 4,790	34%	\$ 14,000	0.00%
43161	Tire shredding	\$ 8,200	\$ -	\$ 8,200	100%	\$ 8,200	0.00%
43162	HHW Disposal	\$ 25,000	\$ 16,259	\$ 8,741	35%	\$ 25,000	0.00%
43163	Wood Waste Grinding	\$ -	\$ 17,578	\$ (17,578)	0%	\$ 20,000	0.00%
43164	Leachate Treatment	\$ -	\$ -	\$ -	0%	\$ -	0.00%
	Amherst County						
43162	HHW Disposal	\$ -	\$ 610	\$ (610)	0%	\$ -	0.00%
	Nelson County						
43162	HHW Disposal	\$ -	\$ 337	\$ (337)	0%	\$ -	0.00%
	Appomattox County						
43162	HHW Disposal	\$ -	\$ -	\$ -	0%	\$ -	0.00%
	Campbell County						
43140a	Engineering/Monitoring/Remediation Services	\$ 30,000	\$ 17,832	\$ 12,168	41%	\$ 20,000	-33.33%
43160	Environmental Lab Services	\$ 5,000	\$ 907	\$ 4,093	82%	\$ 10,000	100.00%
43161	Tire shredding	\$ 8,200	\$ -	\$ 8,200	100%	\$ 8,200	0.00%
43162	HHW Disposal	\$ 5,000	\$ 2,913	\$ 2,087	42%	\$ 5,000	0.00%
43163	Wood Waste Grinding	\$ -	\$ 545	\$ (545)	0%	\$ -	0.00%
43164a	Leachate Treatment	\$ -	\$ -	\$ -	0%	\$ 5,000	0.00%
	Reimbursable Landfill O & M Expenses Subtotal	\$ 175,400	\$ 178,353	\$ (2,953)	-2%	\$ 165,400	-5.70%
	GrandTotal	\$ 1,574,340	\$ 1,335,570	\$ 238,770	15%	\$ 1,470,900	-6.57%

Region 2000 Services Authority Balance Sheet

Assets	6/30/2013	
Cash - 2011 Bond Funds		
Cash-US Bank-Bond Balance	\$	208,800.70
Cash-US Bank-Bond Fund Payments	\$	386,500.05
Total 2011 Bond Funds	\$	595,300.75
Cash - Closure/Post-Closure		
Cash -SunTrust Closure/Post-Closure	\$	27,008.62 0.9%
Certificates of Deposit Total	\$	3,052,143.44 99.1%
Total Lynchburg Contribution C/PC Concord Tpk	\$	3,079,152.06
LGIP-Concord Tpk - SA Contribution C/PC	\$	2,606,602.58
Total Closure/PC - Concord Tpk	\$	5,685,754.64
LGIP-Livestock Road - Purchased Contribution C/PC	\$	2,592,825.77
LGIP-Livestock Road - SA Contribution C/PC thru 4Q FY13	\$	700,295.22
Total Closure/PC - Livestock Rd	\$	3,293,120.99
Total Closure/Post Closure	\$	8,978,875.63
Cash-SunTrust Operating Account		
SunTrust Operating Account-Unrestricted	\$	93,610.73 2.9%
City of Lynchburg Asset Reduction Payment Amount	\$	156,171.80 4.8%
Excess Revenue (FY2013)	\$	1,187,310.00 36.3%
Equip Replace Reserve Cash (Since inception)	\$	692,510.79 21.2%
O & M Reserve Cash (FY2012 + FY2013)	\$	1,141,024.00 34.9%
Total SunTrust Operating Account	\$	3,270,627.32 100.0%
LGIP-Environmental Remediation & Future Planning Reserves - FY2009 thru 4Q FY2013	\$	402,345.02
Total Cash and CDs & LGIP	\$	13,247,148.72
All Receivables for Operations	\$	692,311.79
Receivable from City for True-up-Reduced by FY12 ExcRev	\$	1,283,962.00
Prepaid Expenses	\$	48,879.42
All Fixed Assets	\$	11,727,563.78
2011 Bond Issue Costs	\$	150,984.00
Total Assets	\$	27,150,849.71
Liabilities		
Accounts Payable	\$	80,266.94
Accrued OPEB Liabilities	\$	109,445.00
Accrued Interest Payable	\$	172,916.66
Accrued Vacation Pay	\$	78,078.61
Accrued Other Liabilities	\$	34,201.73
Total Current Liabilities	\$	474,908.94
Accrued Closure-P/C Cost-Concord Tpk	\$	6,614,739.85
Accrued Closure-P/C Cost-Livestock Road	\$	3,357,396.96
Total Closure/Post-Closure	\$	9,972,136.81
Debt		
2008 Bond Payable	\$	-
2011 Bond Payable	\$	10,000,000.00
Total Liabilities	\$	20,447,045.75
Reserves		
Restricted - O & M Reserve	\$	188,850.00
Restricted - Environmental Remediation Reserve	\$	200,000.00
Restricted - Future Disposal Planning Reserve	\$	132,726.60
Restricted - Equipment Replacement Reserve	\$	1,320,214.83
Total Reserves	\$	1,841,791.43
Fund Balance		\$4,862,012.53
Total Liabilities & Equity	\$	27,150,849.71

Region 2000 Services Authority

6/30/2013

Schedule 6

2011 Bond Fund

Anticipated Current/Future 2011 Bond Expenditures	Bond Balance
Original Bond Amt	\$ 10,000,000.00
Interest Earned to date	\$ 12,654.80
2011 Bond funds spent to date	\$ (9,803,854.10)
Estimated Remaining Bond Balance	\$ 208,800.70
Possible Uses	
Haul Road Improvements	\$ (147,000.00)
Purchase of Poplar Ridge adjacent lots	\$ (87,500.00)
Total	\$ (234,500.00)

Capital (Equipment) Fund

FY14 Capital (Equipment) Items

	Average Cost Estimate	Fund Balance
Estimated Balance @ 6/30/2013		\$ 692,510.79
Transfer from Operating Fund for FY14		\$ 300,000.00
973 Track Loader	\$ 500,000	
Posi-Shell/Hydroseeder Application equipment	\$ 50,000	
Tires for Pan	\$ 40,000	
4 X 4 Pick Up-not to be purchased-included in FY13	\$ (28,200)	
Utility/Service Truck	\$ 48,200	
Subtotal	\$ 610,000	
Estimated Balance @ 6/30/2014		\$ 382,510.79