



Region 2000 Services Authority

Location

Haberer Bldg.
47 Courthouse Lane
Rustburg, VA 24588

Date | Time

November 28, 2018
2:00 p.m.

AGENDA

1. **Welcome** Bonnie Svrcek, Chair
2. **Approval of September 26, 2018 Meeting Minutes** Bonnie Svrcek, Chair
3. **Public Comments**..... Bonnie Svrcek, Chair
Individual citizens are requested to limit their remarks to three (3) minutes each and to those matters that are within the scope and authority of the Services Authority. The Authority may elect to extend this time period with approval of a majority of its members.
4. **Financial Update**..... Rosalie Majerus
5. **Responding to Changing Market Conditions**..... Gary Christie
6. **Awarding a Contract for the Phase III Partial Closure Project**..... Clarke Gibson
7. **Director’s Report**..... Clarke Gibson
8. **Proposed Meeting Schedule for 2019 – 2:00 p.m. Meetings, Haberer Building**
9. **Adjourn - Next Meeting, 2 p.m. January 30, Haberer Building, Rustburg**



Region 2000 Services Authority

Location
Haberer Bldg.
47 Courthouse Lane
Rustburg, VA 24588

Date | Time
November 28, 2018
2:00 p.m.

Executive Summary

AGENDA

1. **Welcome**..... Bonnie Svrcek, Chair
2. **Public Comment**..... Bonnie Svrcek, Chair
3. **Approval of September 26 Meeting Minutes**..... Bonnie Svrcek, Chair
(Attached)
4. **Financial Update** Rosalie Majerus
 - 1) Year to Date Financials *(Attached)*
 - 2) FY 2020 Budget Schedule
 - a. January – Initial Presentation
 - b. March – Budget Work Session
 - c. May - Approval
5. **Responding to Changing Market Conditions**
 - 1) Report on Campbell County Board of Supervisors actions.....Frank Rogers
 - 2) Ideas for responding to changing solid waste market condition.....Gary Christie, Clarke Gibson
6. **Awarding a Contract for the Phase III Partial Closure Project**..... Clarke Gibson
(Attached)

We received three bids and the apparent low bid is Counts and Dobyns at \$3,431,245.69. Draper Aden has reviewed and certified the bid.

Recommended Action: Accept the low bid and issue a Notice of Intent to Award Contract to Counts & Dobyns
7. **Director’s Report**..... Clarke Gibson
 - 1) Report on hazardous household waste collection
 - 2) Tonnage Report *(Attached)*

8. Proposed Meeting schedule for 2019 – 2 p.m. meetings, Haberer Building.....
..... Gary Christie

- January 30th
- March 27th
- May 29th
- July 31st

9. Adjourn - Next Meeting, 2 p.m. January 30, Haberer Building, Rustburg



Region 2000 Services Authority

Location

Haberer Bldg.
47 Courthouse Lane
Rustburg, VA 24588

Date | Time

September 26, 2018
2:00 p.m.

Draft Minutes

Board Members Present

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

1. Welcome

Bonnie Svrcek welcomed everyone and called the meeting to order at 2:00 p.m.

2. Public Comment

June McKown asked Authority members why they did not agree to let Mr. Hardie participate in the closed session. She noted that without Mr. Hardie, the community would have nothing. Don Barnett suggested that every district should have a representative on the Services Authority. He noted that the Authority had only taken one-half measures regarding the sound barrier and the earthen berm

3. Approval of the August 22, 2018 Meeting Minutes

Upon a motion by Susan Adams, seconded by Frank Rogers, the minutes were unanimously approved as presented.

4. Financial Update

Rosalie Majerus reviewed the first two months of the fiscal year and noted no unusual spending. She noted that tonnage was higher than budgeted which may indicate an increase in economic activity in the community.

Excess Revenue: Upon a motion by Frank Rogers, seconded by Bonnie Svrcek the Authority approved the distribution of Excess Revenue with Steve Carter opposed:

Lynchburg - \$369,507
Campbell - \$838,033

Litter Fencing: Upon a motion by Frank Rogers, seconded by Steve Carter, the Authority approved the use of up to \$50,000 from Bond funds for an additional 240 feet of litter fencing.

Impact of County Waste development of a Landfill in Cumberland County and a Transfer Station in Botetourt County:

Staff distributed a pro-forma which estimated an increase of \$11 per ton if County Waste diverts its solid waste from our landfill to its own in Cumberland County. Staff noted that it would increase the life of the Livestock Road landfill to 2033-2034 and reduce excess revenue payments by as much as 43%.

The Authority asked staff to come back with ideas to respond to the changing solid waste market condition:

- a) Bringing in other solid waste
 - a. More commercial customers?
 - b. More public customers?
 - c. What are we doing to keep customers?
 - d. How do we know our customers are satisfied? How we can better communicate with our customers?
- b) How to use our existing landfill more efficiently
 - a. Coal ash berm
- c) How the County Waste changes impact our 2030 plan – develop a set of assumptions related to county waste implementation
- d) Examination of collection services
- e) Comparison to other prices in 2030 or after County Waste
- f) Drop off station to keep customers off of the fill face
- g) What are time lines for developing the Bennett site, a transfer station on our property and a greenfield site

Clarke Gibson noted that the Authority has plans to repave sections of the primary road to the fill face, built a wheel washing system to wash the vehicles as they leave the fill face, removed four speed bumps and will have a customer appreciation cookout in the fall for the truck drivers.

Steve Carter asked about the coal ash berm as a way to expand the life of the landfill. Clarke reported that that option still exists and that it would likely not cost the Authority since the Authority could charge for the disposal of the coal ash which would be used in the construction of the berm.

5. Closed Session

Frank Rogers made the motion, with a motion by Steve Carter that the Board go into closed session pursuant to Section 2.2-3711(a)(1) of the Code of Virginia for the discussion of the resignation and/or salary of the current director and the discussion of candidates for employment as Acting Director.

The motion was made by Bonnie Svrcek and seconded by Steve Carter that the Board 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.

Roll Call vote:

Susan Adams – Aye
Steve Carter – Aye
Frank Rogers – Aye
Bonnie Svrcek – Aye

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

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

Next meeting November 28, 2:00 p.m.

**Region 2000 Services Authority
FY 2019 Actuals
As of 10/31/18**

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Region 2000 Services Authority
 FY 2019 Disposal Fee Revenue through 10/31/18

Schedule 1

FY2019 Rates
 \$30.25/\$40.25

	(A)	(B)	(C)	(D)
Tonnage	FY 2019 Approved Budget	Actuals Though 10/31/18	Budget Amount Remaining (A - B)	Budget % Remaining (C / A)
Tonnage From Member Jurisdictions				
Lynchburg	35,160	11,630	23,530	66.92%
Campbell	20,412	7,195	13,217	64.75%
Nelson	9,984	3,676	6,308	63.18%
Appomattox	5,354	1,798	3,556	66.41%
Subtotal Member Jurisdictions	70,910	24,300	46,610	65.73%
Market Rate Tonnage	116,976	45,362	71,614	61.22%
Subtotal Contract and Market Rate	116,976	45,362	71,614	61.22%
Subtotal Revenue Generating Tonnage	187,886	69,662	118,224	62.92%
Other Tonnage at No Charge (inert/brush/slag)	12,176	2,295	9,881	81.15%
Total Tonnage	200,062	71,957	128,105	64.03%

	FY 2019 Approved Budget	Actuals Though 10/31/18	Budget Amount Remaining (A - B)	Budget % Remaining (C / A)
Disposal Fee Revenue				
From Member Jurisdictions				
Lynchburg	\$ 1,063,590	\$ 351,795	\$ 711,795	66.92%
Campbell	\$ 617,463	\$ 217,659	\$ 399,804	64.75%
Nelson	\$ 302,016	\$ 111,193	\$ 190,823	63.18%
Appomattox	\$ 161,959	\$ 54,403	\$ 107,555	66.41%
Subtotal Member Jurisdictions	\$ 2,145,028	\$ 735,051	\$ 1,409,977	65.73%
Market Rate Tonnage	\$ 4,708,284	\$ 1,829,239	\$ 2,879,045	61.15%
Subtotal Contract and Market Rate	\$ 4,708,284	\$ 1,829,239	\$ 2,879,045	61.15%
Total	\$ 6,853,312	\$ 2,564,290	\$ 4,289,022	62.58%

	FY 2019 Approved Budget	YTD Average Through 10/31/2018	Budget Amount Remaining (A - B)	% Difference (C / A)
Per Ton Disposal Fees				
Member Disposal Fee	\$ 30.250	\$ 30.249	\$ 0.001	0.00%
Cost of Service (COS) Tipping Fee	\$ 30.250	\$ 28.820	\$ 1.430	4.73%
Market Rate	\$ 40.250	\$ 40.325	\$ (0.075)	-0.19%

Schedule 1

11/19/2018 10:45 AM

Region 2000 Services Authority
 FY 2019 Expenses through 10/31/2018
 Schedule 2

FY2019 Rates
 \$30.25/\$40.25

	(A)	(B)	(C)	(D)
Expenses	FY 2019 Approved Budget	Actuals Though 10/31/18	Budget Amount Remaining (A - B)	Budget % Remaining (C / A)
Personnel (Schedule 3)	\$ 1,619,703	\$ 523,833	\$ 1,095,870	67.7%
Landfill O & M (Schedule 4)	\$ 1,421,200	\$ 572,467	\$ 848,733	59.7%
Landfill Equipment Replacement Reserve	\$ 438,049	\$ 146,016	\$ 292,033	66.7%
Closure and Post-Closure Reserve	\$ 389,567	\$ 129,856	\$ 259,712	66.7%
Future Disposal Planning Reserve	\$ 36,278	\$ 12,093	\$ 24,185	66.7%
O & M Reserve	\$ 73,324	\$ 24,441	\$ 48,883	66.7%
Annual Debt Service -2011 Bond Debt	\$ 853,015	\$ 282,673	\$ 570,342	66.9%
2015 Bond Debt	\$ 1,111,976	\$ 370,623	\$ 741,353	66.7%
Internal Loan	\$ -	\$ -	\$ -	0.0%
Annual Debt Service Subtotal	\$ 1,964,991	\$ 653,296	\$ 1,311,695	66.8%
Operating Expenses	\$ 5,943,113	\$ 2,062,002	\$ 3,881,110	65.3%
Reimbursable Personnel Costs (Schedule 5)	\$ (117,062)	\$ (13,165)	\$ (103,897)	88.8%
Reimbursable O & M Costs (Schedule 5)	\$ (121,500)	\$ (37,250)	\$ (84,250)	69.3%
Late Fee, Recycling & Int Income	\$ (21,000)	\$ (3,914)	\$ (17,086)	81.4%

Net Cost of Service Operating Expense Total	\$ 5,683,551	\$ 2,007,674	\$ 3,675,877	64.7%
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	FY 2019 Approved Budget	Actuals Though 10/31/18	Budget Amount Remaining (A - B)	Budget % Remaining (C / A)
Airspace Reserve				
Lynchburg (Split is 30.6%)	\$ 357,947	\$ 159,697	\$ 198,250	55%
Campbell (Split is 69.4%)	\$ 811,814	\$ 362,189	\$ 449,626	55%
Airspace Reserve Subtotal	\$ 1,169,761	\$ 521,886	\$ 647,875	55%
O & M Reserve Contribution	\$ -	\$ 34,730	\$ (34,730)	

Total Expenses	\$ 6,853,312	\$ 2,564,290	\$ 4,289,022	63%
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Total Revenue Generating Tonnage	187,886	69,662	118,224	62.9%
Disposal Cost per Ton	\$ 30.2500	\$ 28.820	\$ 1.430	4.7%

Schedule 2

11/19/2018 10:48 AM

Personnel
Schedule 3

		(A)	(B)	(C)	(D)
	Account	FY 2019 Approved Budget	Actuals Though 10/31/18	Budget Amount Remaining (A - B)	Budget % Remaining (C / A)
	Solid Waste Staff				
	Total Salaries	\$ 989,791	\$ 309,882	\$ 660,620	66.7%
	Employee Benefits				
42210	VRS-Retirement (6.49% ER + VLDP)(fy19=4.71%+VLDP)	\$ 52,459	\$ 15,223	\$ 37,236	71.0%
42220	VRS Life Insurance (1.31%)	\$ 12,966	\$ 4,061	\$ 8,905	68.7%
42300	Employer Cost-Health Insurance (+6% FY18 Est)	\$ 233,446	\$ 65,710	\$ 167,736	71.9%
42700	Employer Cost-Worker's Comp	\$ 36,773	\$ 40,922	\$ (4,149)	-11.3%
42100	Employer Cost-FICA	\$ 78,779	\$ 23,347	\$ 55,432	70.4%
42600	Unemployment Insurance	\$ 8,000	\$ -	\$ 8,000	100.0%
	Employee Benefits Subtotal	\$ 422,423	\$ 149,263	\$ 273,160	64.7%
	Overtime				
41200	Salaries and Wages - Overtime	\$ 40,000	\$ 10,443	\$ 29,557	73.9%
	Overtime Subtotal	\$ 40,000	\$ 10,443	\$ 29,557	73.9%
	Total Personnel Costs-Services Authority Staff	\$ 1,452,215	\$ 469,588	\$ 963,337	66.3%
	Local Government Council Staff				
43131	Prof Services-LGC-Salaries	\$ 69,424	\$ 25,583	\$ 43,841	63.1%
43132	Prof Services-LGC-Benefits	\$ 39,995	\$ 14,142	\$ 25,853	64.6%
43133	Prof Services-LGC Overhead	\$ 58,069	\$ 14,520	\$ 43,549	75.0%
	Total Personnel Costs-Region 2000 Staff	\$ 167,488	\$ 54,245	\$ 113,243	67.6%
	Total Personnel Costs	\$ 1,619,703	\$ 523,833	\$ 1,095,870	67.7%

Schedule 3

11/19/2018 10:51 AM

Landfill Operating and Maintenance Expenses

Schedule 4

		(A)	(B)	(C)	(D)
Account	Operations and Maintenance Cost Type	FY 2019 Approved Budget	Actuals Though 10/31/18	Budget Amount Remaining (A - B)	Budget % Remaining (C / A)
	Contractual Services				
43166	Software support-Paradigm	\$ 7,000	6,636	\$ 364	5%
43321	Communications M&R Service/Radio	\$ 13,000	12,762	\$ 238	2%
43313	Building M & R Services	\$ 6,000	978	\$ 5,022	84%
43171	Site Maintenance-Lynchburg	\$ -	422	\$ (422)	0%
43172	Site Maintenance-Campbell	\$ 35,000	16,468	\$ 18,532	53%
43170	Sedimentation Basin Cleaning	\$ -	-	\$ -	0%
43169	Janitorial Services	\$ 7,800	2,600	\$ 5,200	67%
43110	Med/Dental/Pharm/Lab Services	\$ -	-	\$ -	0%
43150	Legal Services	\$ 30,000	10,000	\$ 20,000	67%
43120	Accounting and auditing service	\$ 9,000	-	\$ 9,000	100%
43140	Engineering/Monitoring Services-Lynchburg	\$ -	-	\$ -	0%
43140a	Engineering/Monitoring Services-Campbell	\$ 80,000	22,892	\$ 57,108	71%
43141	Professional Consulting Service	\$ -	-	\$ -	0%
43160	Environmental Lab Services-Lynchburg	\$ -	-	\$ -	0%
43160a	Environmental Lab Services-Campbell	\$ 8,000	2,044	\$ 5,956	74%
43200	Temporary Help Service Fees	\$ 30,000	7,296	\$ 22,704	76%
43600	Advertising	\$ 6,000	1,023	\$ 4,978	83%
43176	Software Purchases-Other	\$ 3,000	-	\$ 3,000	100%
43167	Pest Control services	\$ 1,000	320	\$ 680	68%
43168	Investigative Services	\$ 100	25	\$ 75	75%
46011	Uniform Rental Services / Clothing Allowance	\$ 10,000	10,975	\$ (975)	-10%
43161	Tire Shredding Services	\$ 5,000	636	\$ 4,364	87%
43165	Misc Contractual Services	\$ 1,000	-	\$ 1,000	100%
43177	Website, Media & Public Communications	\$ 2,500	1,068	\$ 1,433	57%
42850	Employee Med Exp-drug tests, ph	\$ 1,500	697	\$ 803	54%
43174	Equip Parts Supplier Admin	\$ -	-	\$ -	0%
46031	Heavy Equipment-Outside Repair	\$ 70,000	9,097	\$ 60,903	87%
43173	Mechanical M&R Services	\$ 4,000	198	\$ 3,802	95%
43121	Payroll support services	\$ 12,000	-	\$ 12,000	100%
46017	Software Maint Contract-Accounting	\$ 800	-	\$ 800	100%
43162	HHW Disposal	\$ -	6,836	\$ (6,836)	0%
43163	Wood Waste Grinding	\$ 10,000	-	\$ 10,000	100%
	Contractual Services Subtotal	\$ 352,700	112,973	\$ 239,727	68%
	Supplies & Materials				
46001	Office Supplies/Audio Visual Supplies	\$ 6,000	736	\$ 5,264	88%
46002	Forms & Stationary	\$ 1,500	-	\$ 1,500	100%
46005	Custodial Supplies	\$ 2,500	676	\$ 1,824	73%
46033	Apparel/Protective Wear/Personal Protective Equipment	\$ 3,000	329	\$ 2,671	89%
46012	Books & Publications	\$ -	-	\$ -	0%
46013	Subscriptions	\$ -	-	\$ -	0%
46018	Safety Supplies	\$ 3,000	1,174	\$ 1,826	61%
46019	Awards & Recognitions	\$ -	-	\$ -	0%
46020	Grounds Maintenance Supplies	\$ 3,000	-	\$ 3,000	100%
46026	Food & Dietary Supplies	\$ -	274	\$ (274)	0%
46022	Minor Equipment-Tools	\$ 7,000	736	\$ 6,264	89%
46021	Chemicals/gases	\$ 500	-	\$ 500	100%
43310	R & M- Office	\$ -	-	\$ -	0%
46009	Vehicle M&R Equipment Parts	\$ 150,000	66,553	\$ 83,447	56%
46007	R&M Supplies-Building	\$ 5,000	24	\$ 4,976	100%
43312	R & M-Mechanical-Materials	\$ -	-	\$ -	0%
46016	Odor Control Operations & Materials	\$ 100,000	35,475	\$ 64,525	65%
46032	Communications M & R Materials	\$ 2,000	-	\$ 2,000	100%

Landfill Operating and Maintenance Expenses

Schedule 4

Account	Operations and Maintenance Cost Type	FY 2019 Approved Budget	Actuals Though 10/31/18	Budget Amount Remaining (A - B)	Budget % Remaining (C / A)
46025	Haul Road M&R Materials	\$ 140,000	82,981	\$ 57,019	41%
46027	Daily Cover/Posi-Shell	\$ 110,000	32,023	\$ 77,977	71%
45210	Postal Services	\$ 2,000	1,259	\$ 741	37%
45220	Messenger Services	\$ -	-	\$ -	0%
43500	Printing & Binding	\$ 1,000	-	\$ 1,000	100%
46035	Shop Supplies	\$ 15,000	7,361	\$ 7,639	51%
42820	Education-Tuition Assistance	\$ -	-	\$ -	0%
46023	Computer Materials & Repair	\$ 10,000	929	\$ 9,071	91%
46024	Mechanical M&R Materials	\$ -	-	\$ -	0%
	Supplies & Materials Subtotal	\$ 561,500	230,529	\$ 330,971	59%

Landfill Operating and Maintenance Expenses

Schedule 4

Account	Operations and Maintenance Cost Type	FY 2019 Approved Budget	Actuals Though 10/31/18	Budget Amount Remaining (A - B)	Budget % Remaining (C / A)
	Gas/Diesel Fuel/Oil & Grease	\$ 200,000		\$ 200,000	100%
46008	Vehicle & Equipt Fuel-Diesel	\$ -	81,283	\$ (81,283)	0%
46028	Vehicle & Equipt Fuel-Gasoline	\$ -	1,646	\$ (1,646)	0%
46029	Vehicle & Equipt/Oil & Grease	\$ -	6,707	\$ (6,707)	0%
	Gas/Diesel Fuel/Oil & Grease Subtotal	\$ 200,000	89,636	\$ 110,364	55%
	Rentals & Leases				
45410	Lease/Rent of Equipment-Office (Copier/postal meter)	\$ 5,500	1,520	\$ 3,980	72%
45411	Lease/Rent of Equipment-Landfill	\$ 10,000	-	\$ 10,000	100%
45420	Lease/Rent of Buildings	\$ 600	90	\$ 510	85%
	Rentals & Leases Subtotal	\$ 16,100	1,610	\$ 14,490	90%
	Utilities & Natural Gas				
45230	Telephone/Internet	\$ 20,000	6,564	\$ 13,436	67%
45110	Electrical Services	\$ 35,000	11,198	\$ 23,802	68%
45130	Water & Sewer	\$ 1,500	409	\$ 1,091	73%
45231	Cellular Services & Pager	\$ 3,000	240	\$ 2,760	92%
45121	Utilities - Natural Gas	\$ -	-	\$ -	0%
	Utilities & Natural Gas Subtotal	\$ 59,500	18,411	\$ 41,089	69%
	Travel & Training-Includes Continuing Education	\$ 4,000		\$ 4,000	100%
45510	Travel Mileage-Personal Vehicle	\$ -	81	\$ (81)	0%
45530	Travel-Subsistence & Lodging	\$ -	269	\$ (269)	0%
45540	Off-Site Training	\$ -	-	\$ -	0%
46014	On-Site Training	\$ 4,000	750	\$ 3,250	81%
	Travel & Training Subtotal	\$ 8,000	1,100	\$ 6,900	86%
	Miscellaneous				
45800	Miscellaneous	\$ 3,500	-	\$ 3,500	100%
45810	Dues and Assoc Membership-Misc	\$ 1,800	570	\$ 1,230	68%
45801	Bank Service Charges	\$ 3,600	2,431	\$ 1,169	32%
45802	Cash Overage and (Shortage)	\$ -	(4)	\$ 4	0%
45803	Finance Charges paid to vendors	\$ -	-	\$ -	0%
45804	Bad Debt Expense	\$ 3,000	-	\$ 3,000	100%
45840	VDEQ landfill fee - Misc	\$ 28,000	27,674	\$ 326	1%
	Misc Expenses Subtotal	\$ 39,900	30,671	\$ 9,229	23%
	Payments to Other Entities				
43164a	Leachate Treatment-LR facility	\$ 20,000	8,971	\$ 11,029	55%
45308	General Liability insurance	\$ 42,000	41,318	\$ 682	2%
	Payments to Other Entities Subtotal	\$ 62,000	50,289	\$ 11,711	19%
	Sub-Total SA O & M Expenses	\$ 1,299,700	535,217	\$ 764,483	59%
	Reimbursable O & M Expenses (see Reimbursable Schedule for Detail)	\$ 121,500	37,250	\$ 84,250	69%
	Grand Total Operations and Maintenance Cost	\$ 1,421,200	\$ 572,467	\$ 848,733	60%

Reimbursable Landfill Operating and maintenance Expenses Personnel Costs

Schedule 5

		(A)	(B)	(C)	(D)
Account	Operations and Maintenance Cost Type	FY 2019 Approved Budget	Actuals Though 10/31/18	Budget Amount Remaining (A - B)	Budget % Remaining (C / A)
	Reimbursable Landfill O & M Expenses				
	City of Lynchburg				
43140	Engineering/Monitoring Services	\$ 60,000	\$ 27,488	\$ 32,512	54.2%
43160	Environmental Lab Services	\$ -	\$ 920	\$ (920)	0.0%
43162	HHW Disposal	\$ 28,050	\$ -	\$ 28,050	100.0%
	City of Lynchburg Subtotal	\$ 88,050	\$ 28,408	\$ 59,642	67.7%
	Amherst County				
43162	HHW Disposal	\$ -	\$ -	\$ -	0.0%
	Nelson County				
43162	HHW Disposal	\$ -	\$ -	\$ -	0.0%
	Appomattox County				
43162	HHW Disposal	\$ -	\$ -	\$ -	0.0%
	Campbell County				
43140a	Engineering/Monitoring/Remediation Services	\$ 22,840	\$ 8,123	\$ 14,717	64.4%
43160a	Environmental Lab Services	\$ 5,000	\$ 718	\$ 4,282	85.6%
43162	HHW Disposal	\$ 5,610	\$ -	\$ 5,610	100.0%
43164a	Leachate Treatment	\$ -	\$ -	\$ -	0.0%
	Campbell County Subtotal	\$ 33,450	\$ 8,842	\$ 24,608	73.6%
	Reimbursable Landfill O & M Expenses	\$ 121,500	\$ 37,250	\$ 84,250	69.3%
	Reimbursable Landfill Personnel Costs				
	City of Lynchburg				
	Concord Turnpike Personnel Costs	\$ 39,000	\$ 13,165	\$ 25,835	66.2%
	Recycling Program Manager Salary & Benefits	\$ 29,031	\$ -	\$ 29,031	100.0%
	City of Lynchburg Subtotal	\$ 68,031	\$ 13,165	\$ 54,866	80.6%
	Campbell County				
	Environmental Compliance & Safety	\$ 20,000	\$ -	\$ 20,000	100.0%
	Recycling Program Manager Salary & Benefits	\$ 29,031	\$ -	\$ 29,031	100.0%
	Campbell County Subtotal	\$ 49,031	\$ -	\$ 49,031	100.0%
	Reimbursable Landfill Personnel Costs	\$ 117,062	\$ 13,165	\$ 103,897	88.8%

Schedule 5-Reimb

11/19/2018 10:51 AM

Region 2000 Services Authority Balance Sheet

Assets	10/31/2018	
Cash - 2015 Bond Funds		
Cash-US Bank-Bond Balance	\$	350,734.28
Cash-US Bank-Bond Fund Payments	\$	1,039,155.97
Total 2015 Bond Funds	\$	<u>1,389,890.25</u>
Cash - 2011 Bond Funds		
Cash-US Bank-Bond Fund Payments	\$	214,969.96
Total 2011 Bond Funds	\$	<u>214,969.96</u>
Cash - Closure/Post-Closure		
Cash -SunTrust Closure/Post-Closure	\$	81,599.72
Total C/PC Concord Tpk	\$	<u>81,599.72</u>
LGIP-Concord Tpk - C/PC	\$	2,507,303.85
Total Closure/PC - Concord Tpk	\$	<u>2,588,903.57</u>
LGIP-Livestock Road - Purchased Contribution C/PC		
LGIP-Livestock Road - SA Contribution C/PC thru FY18	\$	1,078,613.91
Total Closure/PC - Livestock Rd	\$	<u>3,986,541.26</u>
Total Closure/Post Closure	\$	7,654,058.74
Cash-SunTrust Operating Account		
Total SunTrust Operating Account	\$	2,521,823.71 100.0%
LGIP-Environmental Remediation - FY2009 thru FY2017		
Total Cash and LGIP	\$	<u>469,702.56</u>
Total Cash and LGIP	\$	<u>12,250,445.22</u>
All Receivables for Operations		
Receivable from City for CT Post Closure Care	\$	694,613.96
Internal Loan Receivable	\$	726,508.33
GASB 68 Deferred Pension Outflow & OPEB GLI	\$	1,551,135.19
Prepaid Expenses	\$	63,821.00
All Fixed Assets in service-less depreciation	\$	2,440.00
Total Assets	\$	<u>15,675,608.83</u>
Total Assets	\$	<u>30,964,572.53</u>
Liabilities		
Accounts Payable	\$	378,502.19
Accrued OPEB Liabilities	\$	339,216.55
GASB 68 Deferred Pension & OPEB Liabilities	\$	200,062.00
Net Pension Liability	\$	(496,106.00)
Accrued Interest Payable	\$	114,165.83
Accrued Vacation Pay	\$	74,404.55
Accrued Other Liabilities	\$	23,000.00
Total Current Liabilities	\$	<u>633,245.12</u>
Accrued P/C Cost-Concord Tpk - City of Lynchburg (71.6%)		
Accrued P/C Cost-Concord Tpk - SA (28.4%)	\$	2,143,450.26
Accrued Closure-P/C Cost-Livestock Road	\$	850,195.36
Total Closure/Post-Closure	\$	<u>7,939,127.59</u>
Total Closure/Post-Closure	\$	<u>10,932,773.21</u>
Debt		
Internal Loan Payable	\$	1,551,135.19
2015 Bond Payable	\$	7,150,000.00
2011 Bond Payable	\$	4,459,000.00
Total Liabilities	\$	<u>24,726,153.52</u>
Reserves		
Restricted - Environmental Remediation Reserve	\$	450,000.00
Restricted - Equipment Replacement Reserve	\$	874,875.34
Restricted - Future Disposal Planning Reserve	\$	176,433.25
Restricted - O & M Reserve	\$	658,248.03
Total Reserves	\$	<u>2,159,556.62</u>
Fund Balance		\$4,078,862.39
Total Liabilities & Equity	\$	<u>30,964,572.53</u>

Region 2000 Services Authority

10/31/2018

Schedule 7

Capital Equipment Fund

FY2018 Capital Equipment Items	Average Cost Estimate	Fund Balance
Balance @ 6/30/2017		\$ 885,805
FY 2018 Budgeted Purchases		
Posi-shell applicator-actual	\$ 40,757	
Litter Fence-actual	\$ 49,451	
D-6 Dozer-actual	\$ 284,985	
Mobile Vapor Unit-approved at 9/27/17 meeting-actual	\$ 51,825	
Replacement undercarriage-actual	\$ 28,971	
New Engine for 2016 Polaris UTV	\$ 5,548	
Gain from insurance proceeds for radios	\$ (607)	
Subtotal	\$ 460,930	
Transfer from Operating Fund for FY2018		\$ 450,000
Balance @ 6/30/2018		\$ 874,875

FY2019 Approved Capital Equipment Items	Average Cost Estimate	Fund Balance
Balance @ 6/30/2018		\$ 874,875
FY 2019 Approved Purchases		
Remanufactured Compactor	\$ 400,000	
963 Track Loader-actual	\$ 320,854	
Gain on sale of salvage equipment	\$ (26,000)	
Rubber Tire Loader	\$ 120,000	
Subtotal	\$ 814,854	
Estimated Transfer from Operating Fund for FY2019		\$ 438,049
Estimated Balance @ 6/30/2019		\$ 498,070

FY 2018 & FY 2019 Estimated Post-Closure Costs for Concord Turnpike Facility	Average Cost Estimate per Year
Estimated Cost of Contracted Services per year	\$ 125,000

Region 2000 Services Authority

Agenda Item: 5

November 28, 2018

Responding to Changing Market Conditions

Staff has been asked to bring to the Authority ideas and possibilities that will better position the Authority to address market changes and to plan next best steps for infrastructure development.

Staff met with the Working Group of Authority Member Alternates on 11-7 to discuss a draft list of ideas. Included in the meeting were Gaynelle Hart, City of Lynchburg, John Spencer, Appomattox County, and Clif Tweedy, Campbell County.

1. Adding new customers

a. Adding a political jurisdiction at 25,000 tons/year to join as a Member

Pros:

1. Reduces the cost of service by an average of \$3.00 per ton over the remaining life of the landfill, which would be from FY 2022 thru FY 2030. Currently, the landfill is estimated to reach permitted capacity between FY 2031 and FY 2032.

Cons:

1. 25,000 tons per year reduces the landfill life by 1.5 years.
2. Assuming a start date of FY 2022, the landfill would have a remaining capacity of about 8-9 years with the additional tonnage, reducing the total excess revenue payments to Campbell County for about 1.5 years.
3. Requires unanimous consent.

b. Giving a \$5 discount on the excess revenue (market) rate to a new customer bringing 25,000 tons/year.

Pros:

1. Reduces the cost of service by an average of \$3.00 per ton over the remaining life of the landfill, which would be from FY 2022 thru FY 2030. Currently, the landfill is estimated to reach permitted capacity between FY 2031 and FY 2032.
2. Would add \$125,000 per year to excess revenue receipts.

Cons:

1. 25,000 tons per year reduces the landfill life by 1.5 years.
2. Assuming a start date of FY 2022, the landfill would have a remaining capacity of about 8-9 years with the additional tonnage, reducing the total excess revenue payments to Campbell County for about 1.5 years, however, the total savings from a cost of service reduction and the additional excess revenue could offset this.

3. Question may arise as to whether member owned and operated transfer stations should charge more for commercial waste at their gate.

2. Retaining current customers

a. Discounts for existing large volume (10,000 tons or more) customers

Pros:

1. Discount to market rate for existing larger customers may help retain customers if another solid waste disposal options becomes available.

Cons:

1. Reduction in excess revenue, may need to consider a way to offset loss of excess revenue, this would increase cost of service
2. Unclear as to whether this would drive all region businesses to the discounted haulers be creating a competitive advantage to the large volume haulers.

Note: Providing a \$2.00 discount off of the excess revenue surcharge to the three eligible customers for a large hauler discounted commercial rate of \$38.25 would result in a loss of excess revenue of \$196,032.

b. Market to commercial haulers that we will receive solid waste from jurisdictions within or contiguous to the Region 2000 Services Authority landfill.

The Authority may be able to capture additional solid waste stream if we let commercial haulers know that we will accept solid waste from adjacent localities who are not members. In certain areas, commercial haulers may find our landfill more convenient with a shorter hauling distance and/or less expensive.

We can get a better sense of the quantity of waste that may be diverted to our landfill and the impact to landfill capacity by conducting a “Waste Shed” study.

Areas that may appeal to private haulers who may be interested:

- Forest, currently haul 21 miles to Bedford County landfill @ \$41.00 per ton, Region 2000 Livestock Road landfill is 11 miles.
- New London/Goode, currently haul 17 miles to Bedford County landfill @ \$41.00 per ton, Region 2000 Livestock Road landfill is 11 miles.
- Hurt, currently haul 30 miles to Pittsylvania County Landfill @ \$41.00 per ton, Region 2000 Livestock Road landfill is 19 miles.
- Gretna, currently haul 18 miles to Pittsylvania County Landfill @ \$41.00 per ton, Region 2000 Livestock Road landfill is 29 miles.
- Madison Heights, currently haul 10 miles to Amherst County landfill @ \$44.00 per ton, Region 2000 Livestock Road landfill is 14 miles.

c. Solid Waste Flow Control

Concept that jurisdictions would require commercial carriers to dispose of all solid waste collected in a jurisdiction in the Region 2000 landfill. It would stabilize rates and allow better planning for transitions. Flow control would require action by Lynchburg and Campbell County at a minimum to be effective.

Pros: Stabilizes waste stream and retains current commercial customers

Cons: Controversial, may not be approved by jurisdictions

d. Establish a drop off center to keep trucks off of the fill face

Establish a drop-off center/internal transfer center independent of the fill face for haulers to unload solid waste rather than unloading on the fill face.

Pros:

- Would allow haulers to get in and out more quickly without getting their equipment muddy from the fill face.
- Could be designed to convert/expand to a transfer station if needed in the future.

Cons:

- Would cost the authority an additional building, manpower and equipment to shuttle the trash to the fill face:
 - Capital cost of transfer station construction.....\$4-5 million
 - Capitol cost of additional equipment needed.....\$2 million
 - Annual additional personnel cost.....\$300,000
 - There would also be additional fuel cost.

3. Additional Revenue Generating Ideas:

a. Examination of establishing a collection/hauling system – The private market appears to be handling this adequately.

b. Consider Waste to Energy

Recent conversations with a waste to energy consultant may show promise for a 100-200 ton per day solid waste to energy project with the capability of expansion. A PPEA may be submitted for our consideration soon. The proposal may include mining the existing closed Campbell County landfill and diverting solid waste to 100 ton per day waste to energy mobile units on the Region 2000 property.

c. Beneficial use of Landfill Gas

A landfill gas-to-energy company has expressed interest in an energy project utilizing the landfill gas generated at the Livestock Road landfill and may submit a PPEA proposal to the

Authority. The Authority also has the option of developing a RFP for beneficial use of landfill gas that is currently burned off. This could prove to be an additional revenue stream.

d. Solar Energy

The Authority could consider a “solar energy farm” to create an additional source of revenue.

Other Items of interest/information

1. Time Lines for post 2030 disposal options.

- Development of a Greenfield Site: 9-10 years
- Development of the Bennett Property: 8 years or less
- Development of a Transfer Station: 6 years, shorter time is site is identified and zoned properly.
- Coal Ash Berm: The subtitle D liner for the coal ash berm could be constructed in about two years including the permitting and the berm would be constructed simultaneous with the filling operation

2. Activities to underway to enhance customer service

- Planning for annual meetings/communications with larger customers/carriers
- Annual meet/greet/picnic for drivers at the landfill.
- Average unloading in 17 minutes as determined by time study
- Customer truck/wheel wash system
- Customer appreciation cookout
- Remove speed bumps on haul road
- Stop Light for safety
- Low frequency FM Radio broadcast system for traffic control
- Road paving improvements
- Offered to attend hauler’s safety meetings at their place of business.

3. Summary of the impact of the loss of County Waste 50,000 tons annually

Staff estimates that there will be an increased cost of service during the first year of tonnage loss of about \$10 per ton, then an average increase in COS of about \$8 per ton for the next several years. The loss of the County Waste tonnage would lengthen the life of Livestock Road landfill by 3 to 4 years.

4. Current Charges at neighboring landfills

	Member Rate	Commercial Rate
Region 2000	\$30.25	\$40.25
Roanoke/Smith Gap	\$51.50	\$61.50
New River Valley	\$32.00	
Carroll- Grayson-Galax		\$50.00
Augusta Regional (Staunton, Augusta		\$45.00
Blue Ridge (Lexington, Rockbridge)	\$51.00	\$53.00

5. Pro forma budget summary of several tonnage scenarios

- Baseline** Existing tonnage levels
Scenario 1 No market tonnage starting in FY 2022
Scenario 2 No market tonnage starting in FY 2022, add Public Jurisdiction at 25,000 tons per year
Scenario 3 Reduction of 50,000 market tons starting in FY 2022
Scenario 4 Baseline plus new Public Jurisdiction at 25,000 tons per year

Fiscal Year	Cost of Service	Cost of Service Scenarios			
	Baseline	Scenario 4	Scenario 3	Scenario 2	Scenario 1
2019	\$30.25	\$30.25	\$30.25	\$30.25	\$30.25
2020	\$30.77	\$30.51	\$31.28	\$31.14	\$28.98
2021	\$30.23	\$30.45	\$29.15	\$29.01	\$28.92
2022	\$30.06	\$28.60	\$40.22	\$56.50	\$76.18
2023	\$30.05	\$28.02	\$39.35	\$56.82	\$76.61
2024	\$29.92	\$28.33	\$39.80	\$57.51	\$77.55
2025	\$30.26	\$28.21	\$38.30	\$42.31	\$63.11
2026	\$30.37	\$26.78	\$37.81	\$44.00	\$57.86
2027	\$31.38	\$27.20	\$38.37	\$44.77	\$58.86
2028	\$31.56	\$27.68	\$38.95	\$47.29	\$59.89
2029	\$31.82	\$27.31	\$39.54	\$54.18	\$60.94
2030	\$31.15	\$27.22	\$40.14	\$54.99	\$61.99
2031	\$30.83		\$40.52	\$55.99	\$65.58
2032	\$18.22		\$40.75	\$56.66	\$73.52
2033			\$40.06	\$57.87	\$74.65
2034			\$39.27	\$58.21	\$76.06
2035			\$39.56	\$60.00	\$77.24
2036				\$59.98	\$78.70
2037				\$61.73	\$79.93
2038				\$61.06	\$81.19
2039				\$61.26	\$82.47
2040				\$59.09	\$83.52
2041				\$60.62	\$84.85
2042					\$85.94
2043					\$87.32
2044					\$88.02
2045					\$89.10
2046					\$87.64
2047					\$87.02
2048					\$87.92

Additional ideas to consider

1. Begin dialogue with Roanoke Valley Resource Authority to explore opportunities to work together. The Smith Gap Landfill in Catawba, Virginia may prove to be a viable future solid waste disposal option for transfer. Staff will meet with RVRA and the New River Resource Authority on November 27 to open up this dialogue and discuss the changing solid waste market conditions.
2. Re-examine possibilities for a greenfield site through a PPEA

2206 South Main Street
Blacksburg, Virginia 24060
(540) 552-0444 • Fax (540) 552-0291
www.daa.com

November 20, 2018

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

Re: **Livestock Road Facility Permit 610**
Phase III Partial Closure with gas system improvements
Bid review and recommendation
DAA #B09107-129BI

Dear Mr. Gibson:

As requested, Draper Aden Associates has reviewed the bids received on November 13, 2018 for the Phase III Partial Closure which included various gas system improvements. The project generally consists of the following elements: the placement of a partial geomembrane cap on a portion of Phase III at the Livestock Road Landfill (approximately 13 acres), interim soil cover on approximately 9 acres of Phase III, drainage improvements, and improvements to the active gas collection system including installation of additional piping, condensate sumps, pumps, modifications to cleanout connections and modification of existing well heads. The landfill cap consists of subgrade preparation, 18-inch thick infiltration layer (1×10^{-5} cm/sec soil), 40 mil LLDPE geomembrane, geocomposite drainage net, and cover soil. On-site soils will be used for the project.

The closure and interim cover design was completed by Draper Aden Associates. The major gas system improvements were completed by SCS Engineers.

The bids received are summarized below. A detail tabulation of bids is attached.

TABLE 1 – BID SUMMARY

CONTRACTOR/ LICENSE NO.	TOTAL BID (lump sum)
Counts and Dobyns, Inc. Rustburg, VA 24588 VA 2701014388 A (Expiration date 4/30/19)	\$3,431,245.69
Sargent Corporation Stillwater, ME 04489 VA 2705104156 (Expiration date 4/30/20)	\$3,492,000.00
D. H. Griffin Infrastructure, Inc. Greensboro, NC 27407 VA 2705124396 (Expiration date 9/30/20)	\$4,189,853.00

The engineer's opinion of probable construction cost for the project was \$3,400,000 for the landfill closure construction (Draper Aden Associates) and \$300,000 for the gas system improvements (SCS Engineers) for a total estimated cost of \$3,700,000.

All of the bidders appear to have completed the bid form properly, with acknowledgement of the addenda, Virginia contractor's license number, bid bond, qualification statement and list of subcontractors included. We asked Counts and Dobyns to update their Bidders Qualification Statement as there were discrepancies in the Gas System Improvement information as provided by their Subcontractor. They provided the information in a timely manner.

The apparent low bid, received from Counts and Dobyns, appears to be responsive and complete. Our review included:

- Review of bid form;
- Review of Contractor's Qualification Statement;
- Review of Subcontractor list;
- Review of previous performance by contractor on landfill projects; and
- Review of information on Virginia DPOR website regarding contractor license and enforcement cases.

Our review did not indicate reason to disqualify Counts and Dobyns as a responsive or qualified bidder. The firm has completed landfill closure projects, including several

with Draper Aden Associates as the design engineer and they appear qualified to perform the work.

We recommend that the Region 2000 Services Authority award the contract for the Livestock Road Facility – Phase III Partial Closure including gas system improvements to Counts and Dobyns. If approved, we will provide the Authority with the completed Notice of Award for signature.

If you have any questions, or need additional information, please contact us.


Sincerely,
DRAPER ADEN ASSOCIATES



Lynn P. Klappich, Program Manager

Attachment: Bid Tabulation

cc: Mr. Bob Dick, P.E., SCS Engineers
Mr. William Salomone P.E. Draper Aden Associates
Mr. Nick Hassler, Draper Aden Associates

TABLE 1											
REGION 2000 SERVICES AUTHORITY											
BID TABULATION - Overall Project											
PHASE III PARTIAL CLOSURE AND GAS SYSTEM IMPROVEMENTS											
Bid opening: Tuesday, November 13, 2018											
 Draper Aden Associates <i>Engineering • Surveying • Environmental Services</i>			COUNTS AND DOBYNS			SARGENT CORPORATION			D.H. GRIFFIN INFRASTRUCTURE		
Acknowledged Addenda 1			Yes			Yes			Yes		
Provided 5% Bid Bond			Yes			Yes			Yes		
Contractor License Number			Yes			Yes			Yes		
Qualification Statement			Yes			Yes			Yes		
Bid Form:											
Item No.	Description	Units	Bid Quantity	Bid Unit Cost	Extended Cost	Bid Quantity	Bid Unit Cost	Extended Cost	Bid Quantity	Bid Unit Cost	Extended Cost
1	Mobilization	lump sum	1	\$33,509.00	\$33,509.00	1	\$50,000.00	\$50,000.00	1	\$67,000.00	\$67,000.00
2	Preliminary (Phase 1) Erosion and Sediment Control	lump sum	1	\$134,094.00	\$134,094.00	1	\$187,090.00	\$187,090.00	1	\$370,000.00	\$370,000.00
3	All other erosion control	lump sum	1	\$220,646.00	\$220,646.00	1	\$300,000.00	\$300,000.00	1	\$225,000.00	\$225,000.00
4	Borrow Area Development	lump sum	1	\$75,783.00	\$75,783.00	1	\$100,000.00	\$100,000.00	1	\$150,000.00	\$150,000.00
5	Clearing and grubbing Phase III	lump sum	1	\$61,517.00	\$61,517.00	1	\$100,000.00	\$100,000.00	1	\$20,000.00	\$20,000.00
6	Subgrade preparation for landfill cap and interim cover	acres	3	\$9,165.00	\$27,495.00	23	\$10,000.00	\$230,000.00	24	\$4,500.00	\$108,000.00
7	Placement of stone column	linear feet	3,647	\$42.00	\$153,174.00	2,100	\$30.00	\$63,000.00	3,700	\$18.00	\$66,600.00
8	Placement of minimum 18-inch thick (in place) compacted soil cap	cubic yards	37,464	\$5.57	\$208,674.48	33,000	\$9.00	\$297,000.00	40,000	\$7.00	\$280,000.00
9	Placement of 40 mil textured (both sides) LLDPE geomembrane	square yards	67,973	\$3.94	\$267,813.62	65,000	\$5.00	\$325,000.00	65,230	\$4.50	\$293,535.00
10A	Placement of geocomposite drainage	square yards	67,973	\$5.03	\$341,904.19	65,000	\$6.00	\$390,000.00	68,520	\$6.15	\$421,398.00
10B	Installation of drainage piping in anchor trench	linear feet	3,640	\$26.44	\$96,241.60	2,100	\$5.00	\$10,500.00	3,700	\$25.00	\$92,500.00
10C	Installation of discharge piping from anchor trench	linear feet	515	\$60.82	\$31,322.30	250	\$12.00	\$3,000.00	800	\$15.00	\$12,000.00
11	Placement of 18-inch thick erosion layer	cubic yards	42,405	\$5.47	\$231,955.35	33,000	\$9.00	\$297,000.00	40,000	\$7.00	\$280,000.00
12	Placement of 6-inch vegetative support layer on landfill cap area	cubic yards	14,135	\$5.47	\$77,318.45	11,000	\$10.00	\$110,000.00	11,000	\$8.00	\$88,000.00
13	Placement of 6-inch vegetative support layer of interim closure area	square yards	7,670	\$5.47	\$41,954.90	7,390	\$9.00	\$66,510.00	8,000	\$8.00	\$64,000.00
14	Mixing and placing compost in accordance with Section 02209	square yards	6,200	\$49.36	\$306,032.00	1,000	\$30.00	\$30,000.00	6,270	\$65.00	\$407,550.00
15	Installation of diversion berms as indicated on Drawings	linear feet	2,809	\$16.30	\$45,786.70	2,800	\$20.00	\$56,000.00	2,700	\$5.00	\$13,500.00
16	Installation of final cover downchutes as indicated on Drawings.	linear feet	615	\$77.32	\$47,551.80	650	\$80.00	\$52,000.00	620	\$100.00	\$62,000.00
17	Installation of rip-rap channels SCC 5 and SCC 7	linear feet	630	\$101.35	\$63,850.50	700	\$70.00	\$49,000.00	630	\$105.00	\$66,150.00
18	Gas well adjustments in final closure	lump sum	1	\$50,092.00	\$50,092.00	1	\$45,000.00	\$45,000.00	1	\$50,000.00	\$50,000.00
19	Placement of pavement	lump sum	1	\$125,173.00	\$125,173.00	1	\$120,000.00	\$120,000.00	1	\$130,000.00	\$130,000.00
20	SW Improvements around Culvert C-1 and wheel wash area	lump sum	1	\$45,211.00	\$45,211.00	1	\$80,000.00	\$80,000.00	1	\$32,000.00	\$32,000.00
21	Phase IV storm pipe removal membrane liner replacement	lump sum	1	\$840.00	\$840.00	1	\$1,000.00	\$1,000.00	1	\$1,000.00	\$1,000.00
21	Temporary seeding and mulching	lump sum	1	\$33,354.00	\$33,354.00	1	\$20,000.00	\$20,000.00	1	\$58,000.00	\$58,000.00
22	Permanent seeding and mulching at landfil	lump sum	1	\$81,047.00	\$81,047.00	1	\$80,000.00	\$80,000.00	1	\$79,000.00	\$79,000.00
23	Allowance: Additional erosion and sediment control or storm water activities	lump sum	1	\$50,000.00	\$50,000.00	1	\$50,000.00	\$50,000.00	1	\$50,000.00	\$50,000.00
24	Gas system improvements	unit price	1	\$467,866.80	\$467,866.80	1	\$259,900.00	\$259,900.00	1	\$312,620.00	\$312,620.00
25	Miscellaneous Items	lump sum	1	\$111,038.00	\$111,038.00	1	\$120,000.00	\$120,000.00	1	\$390,000.00	\$390,000.00
Base Bid Total					\$3,431,245.69			\$3,492,000.00			\$4,189,853.00

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

