



Rivanna Pump Station and Tunnel Project Charlottesville, Virginia

Adopted May 24, 2016

Fiscal Year 2016 – 2017 Budget

RIVANNA WATER & SEWER AUTHORITY FY 2017 Adopted Budget

Prepared: March 8, 2016 Adopted: May 24, 2016

Table of Contents Page **Budget Highlights** Narrative i-viii Summary of Rates and Revenues - Urban Rate Centers ix Summary of Rates and Revenues - Rural Rate Centers Х Historical Revenue Collections - Urban Rate Centers xi **Departmental Summary of Revenues and Expenses** 1 **Summary of Itemized Rates** 2 Urban Water: Summary Sheet 5 **Expense** Detail 6 Summary Sheet 9 Crozet Water: **Expense** Detail 10 Scottsville Water: Summary Sheet 13 **Expense** Detail 14 Wastewater: Urban Wastewater: Summary Sheet 19 **Expense** Detail 20 Glenmore Wastewater: Summary Sheet 23 **Expense** Detail 24 Scottsville Wastewater: Summary Sheet 27 **Expense** Detail 28 **Support Departments:** Administration 33 Maintenance 37 Lab 41 45 Engineering **Appendices: 1** - Flow Projections 51 2 - Urban Water Debt Service Rates 52 **3** - Urban Wastewater Debt Service Rates 53 4 - Rural Rate Centers Debt Service Rates 54 5 - Debt Summary 55 6 - Stone Robinson School WWTP Estimated Charges 56 7 - Detailed Summary of Revenues 57 **8** - Detailed Summary of Expenses 58 9 - Staffing by Department 60 10 - Data for ACSA 62 11 - Urban Water Rate Revenue Analysis 63 12 - Urban Wastewater Rate Revenue Analysis 64

Budget Highlights

- Executive Summary Narrative Pages i - viii

- Summary Information Tables ix-xi

Overall Summary

The Rivanna Water and Sewer Authority budget is summarized in this narrative to highlight the major factors that impact the budget and the rates. **Flows** are the most significant element in the calculation of the Urban area operations rates and unfortunately flows are as difficult to predict as the weather. Flow estimates are usually based on 90% to 95% of the ten-year average flow for each rate center; however, this year the estimated total flows were left at FY 2016 levels for the budget for both Urban Water and Wastewater.

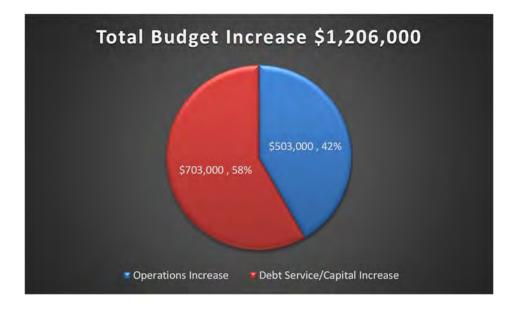
Another impact on the rate calculation is the allocation of Rivanna's water and wastewater flows between the City and ACSA for the Urban areas. The allocation for Urban water flows shifted 1 percentage point between the two customers and Urban wastewater flows shifted by 2 percentage points from the City to the ACSA for the coming fiscal year as shown below. This shift affects some of the debt service costs allocations.

Allocation of flows (based on retail flows):

	<u>FY 2016</u>	<u>FY 2017</u>
City Water	53%	52%
ACSA Water	47%	48%
City Wastewater	54%	52%
ACSA Wastewater	46%	48%

The above flow allocation between the ACSA and the City is based on the overall retail flows reported to Rivanna for FY 2015 by the two customers, which has been a consistent practice for all past budgets (**see Appendix 1 in the budget detail**). The flow allocations no longer affect the rate charged per 1,000 gallons. It does however affect the monthly debt service charges. Total flows, which affect the rate per 1,000 gallons, will remain the same as last year.

The estimated operating expenses for FY 2017 are increasing by \$503,000 or 3.37% (page 1 of detailed budget) over the current fiscal year budget while the debt service expenses will increase by \$703,000 or 5.50%. The estimated total budget increase for FY 2017 is roughly \$1,206,000 or 4.35%.



There has been a small reorganization that has moved some personnel and costs between departments. Last year, staff initiated a review of the SCADA (supervisory control and data acquisition) systems functioning and resources that support the IT and SCADA infrastructure. The resulting recommendation was to transfer most of the SCADA maintenance and support resources (one SCADA Technician position et al) from the Maintenance Department to the IT section which is in Administration Department. SCADA is heavily driven by information technology related services, such as software installations, programming changes, upgrades and backups. SCADA is heavily reliant on networking communications and has major hardware components needs. Therefore, the budget for FY 2017 shows a shifting of costs between the Administration and Maintenance support departments – see page 1 of the detailed budget.

The SCADA system and infrastructure has grown, more than doubling in recent years as the upgrades to the Moores Creek AWRRF were completed. New systems are being installed, resulting from the GAC and water treatment plant upgrades, continuing SCADA and related IT systems growth. The overall system at a glance is shown below:

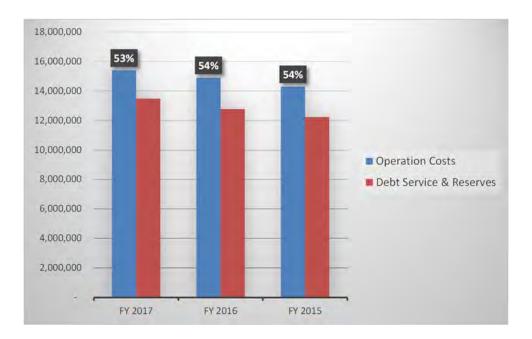
20 locations with 12 separate networks	26 servers at 8 locations
70 Programmable Logic Controllers (PLC)	23 Gigabit backbone switches
Over 10 service connections for T1, DSL and Fiber	138 desktop computers & multiple mobile CPUs and handheld units
Multiple DVR, Video & security control units/lock out	21 Internet and wireless routers
systems	

Currently, there are 3 staff members devoted to maintaining all SCADA, business and accounting systems, administrative system, phone, cell, data services, and video security systems. The review of our SCADA system and means to support it identified the need to increase our staffing resources and make the organizational changes mentioned before. As a

result, the Administration Department will be requesting an additional IT Specialist – SCADA position to meet the needs of this growing system. Personnel resources for SCADA have not kept pace with recent growth since the first SCADA Tech position was created in FY 2005, which was the last time a position was approved for this area of operations. The SCADA and IT systems are a vital part of the total operations of nearly all our plants. All operators depend on a reliable consistent system to control treatment needs in real time, and management depends on the information gathered and generated in usable reporting that helps maximize efficiencies and problem solving when issues arise. A well run and maintained SCADA and IT system at the Authority is essential to meeting the needs of our customers.

A summary of the major cost changes compared to last year are included later in this narrative, and a detailed line-by-line comparison is provided in **Appendix 8** for the Authority as a whole.

The Authority's overall cost break out between operating costs and debt service is similar to last year with operating costs representing roughly 53% of the total budget and debt service being 47% of the total.



As mentioned before, the Authority's annual Debt Service expenses are estimated to increase \$703,000 over the current year. This is following an increase of \$548,000 in FY 2016 and \$963,000 in FY 2015. Debt and capital expenses are discussed in more detail later in this narrative. **Table 1** shows the impact on the Urban Rates in total and **Table 2** shows the impact on the Rural Rates.

Operations Summary

The budget has been prepared to include a 2% merit pool for our employees. The health insurance and other related benefits such as dental and vision insurance and employee assistance program (EAP) are currently being procured. We will not have actual cost increase estimates from the various insurers until late April of this year for the July open enrollment period. A 15% increase in premiums is built into the budget this year based on the uncertainty of the markets and the advice of our insurance consultant.

Retirement contribution rates decreased slightly and life insurance rates to be paid to VRS will be unchanged.

A listing of the most notable items affecting the operating budgets is provided as follows:

	mary of Budget ible Items 017	Line Item				Budget Line Item Changes
<u>Pers</u> ●	onnel cost in general Merit of 2.0%	11000			\$	97,650
•		11000			\$	48.800
•	Market Adjustments				Φ	-,
•	Health care benefit change 15% increase	12020			\$	91,047
•	Personnel/Position Changes: IT systems specialist - SCADA	11XXX			\$	65,000
•	All other Personnel related changes				<u>\$</u>	44,348
	Total change in personnel and benefit costs				\$	346,845
<u>Urba</u>	an Water					
•	Engineering Services - Operational Technical Support Consultant Study on GAC/Polymer	20300 20300	\$	20,000 40,000		
	Vulnerability Assessment - Consultant	20300		50,000		
	Piney Mt. Tank Inspection	20300		6,400 116,400		
	FY 2016 Budget	20300	\$	(150,000) (33,600)	\$	(33,600)
			•	(,)	Ŧ	(,)
•	Telephone & Data Services - new fiber connections for SCADA, DVR	22150			\$	26,100
٠	Information Technology - Backlog of SCADA maintenance	31XXX			\$	62,900
•	Building and Grounds - Window replacement at S.R. filter bay	41100			\$	30,000
٠	Dam Maintenance - Additional clearing, Dive inspection at R.M. culvert	41300			\$	22,200
•	Pipeline/Appurtenances - Clearing and mowing	41350			\$	22,920
•	Instrumentation - Contract renewal after 3 year initial term.	41600			\$	4,700
•	Reserves - Carbon Supply - amortize costs of annual carbon needs, estimated to be additional \$675,000 annually.	41450			\$	168,563

		Line Item			Budget Line Item <u>Changes</u>
Croz	tet Water				
•	Engineering Services - Bathymetric Study Tank Inspections Consultant Studies DPB GAC optimizations	20300 20300 20300 20300	\$	45,000 14,200 10,000	
	Vulnerability Assessment - Consultant All other Studies FY 2016 Budget	20300		5,000 2,500 76,700 (73,900)	
				(,)	\$ 2,800
•	Laboratory Analysis - DPB Rule Cyanotoxins MIB/Geosmin Annual Water Quality Testing	21350	\$	3,500 4,000 8,000 4,000	
			_	19,500	
	FY 2016 Budget		\$	(13,000)	\$ 6,500
•	Information Technology - Backlog of SCADA maintenance	31XXX			\$ 11,900
•	Dam Maintenance	41300			\$ 5,000
•	Building and Grounds	41100			\$ (41,800)
٠	Equipment Maint. & Repair				
	New HVAC	41550	\$	25,000	
	Mud Valve in Flash Mixer and Flocculator	41550		8,200	
	New transfer pump for Alum	41550		3,450	
	Other Repairs	41550		<u>53,350</u> 90,000	
	FY 2016 Budget	41550		(150,000)	\$ (60,000)
•	Reserves - Carbon Supply - amortize costs of annual carbon needs, estimated to be additional \$36,000 annually.	41450			\$ 12,000
Scot	tsville Water				
•	Engineering Services - Consultant work and S.E.H.	20300		5,000	
	Vulnerability Assessment - Consultant	20300		5,000	
	Tank Inspections	20300		5,300	
		20300		15,300	
	FY 2016 Budget			(17,600)	\$ (2,300)
•	Information Technology - Backlog of SCADA maintenance	31XXX			\$ 5,100
•	Building & Grounds - Increase for Cutting and Mowing	41100			3,000
٠	Equipment over \$5,000 - Replaced two raw pumps completed	81250			\$ (68,000)
•	Reserves - Carbon Supply - amortize costs of annual carbon needs, estimated to be additional \$5,438 annually.	41450			\$ 1,250
<u>Urba</u> ●	an Wastewater Engineering Services - General Eng. Support process evaluations	20300	\$	50,000	
	FY 2016 Budget			(40,000)	\$ 10,000
•	General Other Services - Increase in solid hauling and composting costs	21420			\$ 35,000
•	Information Technology - Backlog of SCADA maintenance	31XXX			\$ 41,850
•	Pipeline/Appurtenances - Clearing and Mowing Metering maintenance Line maintenance & line break repairs	41350 41350 41350		73,440 66,530 46,400	
	FY 2016 Budget			186,370 (81,400)	\$ 104,970

	Line Item	Budget Line Item Shanges
Glenmore Wastewater Lab Analysis - Special sampling for permit	21350	\$ 1,500
Utilities - trending increase	21400	\$ 2,750
Telephone & Data Services - new faster connections for SCADA, DVR	22150	\$ 1,330
Building and Grounds - sound curtain for air pumps - ACSA request	41100	\$ 8,000
Instrumentation - trending increase	41600	\$ 1,190
Scottsville Wastewater Lab Analysis - special sampling for permit	21350	\$ 4,000
Equipment Maintenance and Repair - trending increases	41550	\$ 3,125
Administration • Education & Training - new training needs for SCADA & Safety	13150	\$ 4,000
Financial and Admin Services	20200	\$ (8,650)
Engineering & Technical Services - 3 year requirement	20300	\$ 30,000
 IT - Support services for software support needs were initially budgeted in admin, but have shifted the budget to the rate centers 	31200	\$ (28,300)
Lab • Utilities - compressed gas usage will increase	21400	\$ 2,000
Equipment Maintenance - new TOC maintenance agreement	41550	\$ 5,000
• Equipment over \$5,000 - infra-red digester for TN testing.	41100	\$ 10,000
Maintenance		
Personnel costs - move SCADA Tech to Admin.	11XXX	\$ (32,000)
Information Technology - SCADA Support moved to rate centers & Admin	31XXX	\$ (27,000)
All other budget changes (Various line item cuts)		\$ (192,205)
TOTAL INCREASE IN OPERATING COS	TS Appendix 8	\$ 502,638

The other major budget impact to mention is the impact the Granular Activated Carbon (GAC) will have on the operating budget in the coming few years. The cost to purchase the Carbon used in the process will initially be included in the capital budget for FY 2017. However, this will be a continuous expenditure each year once the units are put in place much like any other chemical used in the treatment process. The Carbon can be regenerated but it will still be a costly endeavor. It is estimated to be an annual expense of anywhere from \$715,000 to \$1,000,000. This year you will see a reserve created in each water rate center budget for a portion of that cost to gradually increase the operating budget over the next 3 to 4 years so we do not have a large rate increase next year for renewing and replacing the carbon needed in the GAC process.

Debt Service & Capital

Debt service needs relative to the recently updated Capital Improvement Plan (CIP), adopted at the February 2016 board meeting, are included in the budget request for the coming year. The overall CIP decreased \$2.35 million compared to last year because several projects were completed. Those completed project budgets totaled \$13.5 million. As with any update of the capital program several project costs were increased such as GAC for \$1.2 million and the Crozet Interceptor Flow Equalization Basin for \$2 million. The water Master Metering project saw a decrease in budget estimate of \$2.6 million. New or additional project costs total \$11.16 million in the latest update of the CIP.

The chart below shows the changes in estimated project costs reflected in the CIP:

Project Cost	-	2015-2019 Adopted <u>CIP</u>	Projects Completed	New or Additional roject Costs	2016-2020 Proposed <u>CIP</u>	Change \$	<u>Change %</u>
Urban Water Projects Urban Wastewater Projects	\$	53,838,029 66,404,099	\$ (3,712,535) (7,216,950)	\$ 3,426,000 4,969,606	\$ 53,551,494 64,156,755	\$ (286,535) (2,247,344)	-1% -4%
Rural Projects Total Project Cost Estimates	\$	15,382,100 135,624,228	\$ (2,575,000) (13,504,485)	\$ 2,759,790 11,155,396	\$ 15,566,890 133,275,139	\$ 184,790 (2,349,089)	1% -2%

The Authority has programed into this year's budget and previous years' budgets and charges the capacity to issue additional debt to fund the CIP. Cumulatively, the Authority has built into the rates 34% of future debt service costs for all rate centers.

This is done by using the CIP as a guide for future debt needs to include an average charge increase over that 5 year period. This helps to prevent the large spikes in charges for any given year that new debt is <u>actually</u> issued - effectively evening out the impact on charges. For example, Urban Water charges have nearly **60%** of the needed future debt service already built into the charges over the next five years. (\$1.1 million in annual debt service is estimated to be needed in the next 5 years, and \$637,000 will already be programed into the charges). Urban Wastewater has 26% and the Rural rate centers have 20% of the needed five year debt service programed into the charges (see below).

			Next	Five Years	
	NEW related	ual Estimated / Debt Service d to 5-year CIP <u>New Debt</u>		/ Debt Service Cost built into / <u>2017 Rates</u>	Percentage of Debt Service in proposed FY 2017 Rates
Urban Water	\$	1,100,000	\$	637,300	57.9%
Urban Wastewater		1,906,138		486,000	25.5%
Rural Rate Centers		732,000		146,300	20.0%
	\$	3,738,138	\$	1,269,600	34.0%

					TABLE 1
RBAN RATE CENTERS (only)					
			Rate	Summary	
		Adopted Budget <u>FY 2016</u>		Adopted Budget <u>FY 2017</u>	Percentage <u>Change</u>
Water					
Derating rate (per 1,000 gallons) Uniform (City & ACSA)	\$	1.713	\$	1.833	7.01%
Debt Service (monthly charge)	•	150.000	*	100.000	2.00%
City ACSA	\$ \$	158,099 279,864	\$ \$	162,968 284,031	3.08% 1.49%
Wastewater					
perating rate (per 1,000 gallons)					
Uniform (City & ACSA)	\$	1.789	\$	1.835	2.57%
Debt Service (monthly charge)	¢	222 645	¢	260 027	10.61%
City ACSA	\$ \$	333,645 232,493	\$ \$	369,037 222,280	-4.39%
					
		Rat	e Rev	enue Summary	/
		Adopted Budget <u>FY 2016</u>		Adopted Budget <u>FY 2017</u>	Percentage <u>Change</u>
Water					
City	\$	5,013,905	\$	5,226,317	4.24%
ACSA	\$	6,122,249 11,136,154	\$	6,427,485 11,653,802	4.99% 4.65%
Wastewater					
City	\$	7,312,121	\$	7,695,711	5.25%
ACSA	\$	5,608,164 12,920,285	\$	5,683,291 13,379,002	1.34% 3.55%
			Othe	er Revenues	
Water Duck Mta, Surcharge	¢	00.000	<i>ф</i>	75 100	45 600/
Buck Mtn. Surcharge Lease Revenues	\$	89,000 32,600	\$	75,100 32,600	-15.62% 0.00%
Interest All Other Revenues		33,990 51,000		62,800	84.76% 86.27%
All Other Revenues	\$	51,000 206,590	\$	7,000 177,500	-86.27% -14.08%
<u>Wastewater</u>					
Septage Acceptance	\$	340,000	\$	390,000	14.71%
Nutrient Credits County MOU - Septage		85,000 109,440		123,000 109,440	44.71% 0.00%
Interest		37,100		68,800	85.44%
All Other Revenues		121,847		160,027	31.33%
	\$	693,387	\$	851,267	22.77%

ix

					TABLE 2
RURAL RATE CENTERS	(only	7)			
	· · ·				
				e Summary	
		Adopted		Adopted	
(Rates are per month)		Budget FY 2016			
	-				<u>Change</u>
<u>Water</u>					
Crozet	\$	111,330	\$	124,149	11.51%
Scottsville		49,012		43,382	-11.49%
Wastewater					
Glenmore	\$	25,211	\$	26,694	5.88%
Scottsville		21,425		21,941	2.41%
		R	leve	nue Summar	у
		Adopted		Adopted	
		Budget		Budget	Percentage
	<u> </u>	FY 2016		<u>FY 2017</u>	<u>Change</u>
Water					
Crozet	\$	1,369,560	\$	1,525,088	11.36%
Scottsville	Ŧ	588,609	Ŧ	521,789	-11.35%
	\$	1,958,169	\$	2,046,877	4.53%
Wastewater					
Glenmore	\$	302,909	\$	320,901	5.94%
Scottsville	Ψ	257,504	Ψ	263,987	2.52%
Coolisvine	\$	560,413	\$	584,888	4.37%
	T	, -	<u> </u>	,	
Total	\$	2,518,582	\$	2,631,765	4.49%

Historical Rate Revenue Collections Urban Rate Centers

Fiend	Г			v	aarly Dollar	Voorby 0/		
Fiscal	ŀ				T - 4 - 1	Ŷ	early Dollar	Yearly %
Year	L	City	County		Total		Change	Change
92-93 *		\$ 2,206,720	\$ 1,212,555	\$	3,419,275			
93-94 *		2,402,645	1,514,064	Ψ	3,916,709	\$	497,434	14.55%
94-95		2,392,197	1,603,700		3,995,897	Ψ	79,188	2.02%
95-96		2,342,461	1,596,163		3,938,624		(57,273)	-1.43%
96-97		2,275,587	1,604,858		3,880,445		(58,179)	-1.48%
97-98		2,395,480	1,727,230		4,122,710		242,265	6.24%
98-99 *		2,648,777	1,977,658		4,626,435		503,725	12.22%
99-00 *		2,569,109	1,998,135		4,567,244		(59,191)	-1.28%
00-01		2,913,526	2,325,479		5,239,005		671,761	14.71%
01-02		2,782,285	2,305,516		5,087,801		(151,204)	-2.89%
02-03		3,221,249	2,629,533		5,850,782		762,981	15.00%
03-04 *		4,063,593	3,419,181		7,482,774		1,631,992	27.89%
03-04		3,869,556	4,082,111		7,951,667		468,893	6.27%
05-06 *		4,281,005	4,660,319		8,941,324		989,657	12.45%
05-00		4,278,923	4,938,061		9,216,984		275,660	3.08%
07-08		4,753,929	4,143,040		8,896,969		(320,015)	-3.47%
08-09 *		4,210,140	4,677,651		8,887,791		(9,178)	-0.10%
00-09		4,580,689	5,152,723		9,733,412		845,621	9.51%
10-11 *		4,607,779	5,285,220		9,892,999		159,587	9.51 <i>%</i> 1.64%
11-12 *		4,484,585	5,463,282		9,947,867		54,868	0.55%
12-13 *		4,547,520	5,750,968		10,298,488		350,621	3.52%
13-14 *		4,377,703	5,467,803		9,845,506		(452,982)	-4.40%
14-15 *		4,896,083	6,060,163		10,956,246		1,110,740	11.28%
14-10		4,030,000	0,000,100		10,300,240		1,110,740	11.2070
	Ľ	WASTEWATER	RATE REVENUE			Y	early Dollar	Yearly %
	L	City	County		Total		Change	Change
92-93 *		\$ 2,022,694	\$ 1,306,229	\$	3,328,923			
93-94 *		2,107,378	1,325,328		3,432,706	\$	103,783	3.12%
94-95		1,862,329	1,335,477		3,197,806		(234,900)	-6.84%
95-96		1,906,982	1,344,660		3,251,642		53,836	1.68%
96-97		1,999,401	1,478,595		3,477,996		226,354	6.96%
97-98		1,992,897	1,473,810		3,466,707		(11,289)	-0.32%
98-99 *		2,087,726	1,427,849		3,515,575		48,868	1.41%
99-00 *		2,133,531	1,463,854		3,597,385		81,810	2.33%
00-01		1,998,095	1,587,586		3,585,681		(11,704)	-0.33%
01-02		2,398,451	1,714,327		4,112,778		527,097	14.70%
02-03		3,245,594	2,551,906		5,797,500		1,684,722	40.96%
03-04 *		3,573,322	2,891,429		6,464,751		667,251	11.51%
04-05		3,180,840	2,752,201		5,933,041		(531,710)	-8.22%
05-06 *		3,146,223	2,767,103		5,913,326		(19,715)	-0.33%
06-07		3,766,151	3,461,597		7,227,748		1,314,422	22.23%
07-08		3,858,602	3,450,253		7,308,855		81,107	1.12%
08-09 *		4,729,031	4,026,475		8,755,506		1,446,651	19.79%
09-10 *		6,447,763	5,380,723		11,828,486		3,072,980	35.10%
10-11 *		5,517,517	4,679,180		10,196,697		(1,631,789)	-13.80%
11-12 *		6,249,753	5,637,204		11,886,957		1,690,260	16.58%
12-13 *		6,709,601	6,214,724		12,924,325		1,037,368	8.73%
13-14 *		7,397,832	6,224,652		13,622,484		698,159	5.40%
14-15 *		7,024,610	5,574,273		12,598,883		(1,023,601)	-7.51%
* Bond Is	s	ue Years						

Budget Details

Pages 1 - 64

Departmental Summary of Revenues and Expenses

Summary of Revenues

		FY 2016	FY 2017	\$ Change	% Change
Operations Revenues					
Urban Water	\$	5,966,000	\$ 6,331,000	365,000	6.12%
Crozet Water		997,000	946,000	(51,000)	-5.12%
Scottsville Water		497,000	391,000	(106,000)	-21.33%
Urban Wastewater		6,592,000	6,837,000	245,000	3.72%
Glenmore Wastewater		300,000	319,000	19,000	6.33%
Scottsville Wastewater		247,000	254,000	7,000	2.83%
Administration		300,000	329,000	29,000	9.67%
Maintenance		5,000	-	(5,000)	
Lab		-	-	-	
Engineering		-	-	-	
	Total <u></u> \$	14,904,000	\$ 15,407,000	\$ 503,000	3.37%
Debt Service Revenues					
Urban Water	\$	5,378,000	\$ 5,500,000	122,000	2.27%
Crozet Water		372,000	579,000	207,000	55.65%
Scottsville Water		92,000	131,000	39,000	42.39%
Urban Wastewater		6,937,000	7,270,000	333,000	4.80%
Glenmore Wastewater		2,000	2,000	-	0.00%
Scottsville Wastewater		10,000	10,000	-	0.00%
	Total \$	12,791,000	\$ 13,492,000	\$ 701,000	5.48%
Total R	evenues \$	27,695,000	\$ 28,899,000	\$ 1,204,000	4.35%

Summary of Expenses

		FY 2016	FY 2017	\$ Change	% Change
Operations Expenses					
Urban Water	\$	4,302,000	\$ 4,556,000	254,000	5.90%
Crozet Water		838,000	778,000	(60,000)	-7.16%
Scottsville Water		394,000	284,000	(110,000)	-27.92%
Urban Wastewater		4,536,000	4,676,000	140,000	3.09%
Glenmore Wastewater		219,000	236,000	17,000	7.76%
Scottsville Wastewater		172,000	178,000	6,000	3.49%
Administration		1,717,000	1,981,000	264,000	15.38%
Maintenance		1,352,000	1,289,000	(63,000)	-4.66%
Lab		345,000	354,000	9,000	2.61%
Engineering		1,031,000	1,077,000	46,000	4.46%
	Total \$	14,906,000	\$ 15,407,000	\$ 501,000	3.36%
Debt Service Expenses Urban Water Crozet Water Scottsville Water Urban Wastewater Glenmore Wastewater Scottsville Wastewater	\$	5,376,000 372,000 92,000 6,937,000 2,000 10,000	\$ 5,500,000 579,000 131,000 7,270,000 2,000 10,000	124,000 207,000 39,000 333,000	2.31% 55.65% 42.39% 4.80% 0.00% 0.00%
	Total \$	12,789,000	\$ 13,492,000	\$ 703,000	5.50%
Total Exp	enses <u>\$</u>	27,695,000	\$ 28,899,000	\$ 1,204,000	4.35%
Total Budgetary Surplus/ (Deficit)	\$	-	\$ -		

These figures are rounded from the detail pages of this budget model and some immaterial differences will be present.

Prepared: March 8, 2016 Adopted: May 24, 2016

Summary of Itemized Rates

URBAN RATE CENTERS		FY 2016	FY 2017	\$ Change	% Change
<u>Water</u>					
(\$ per 1,000 Gallons)					
Operations		\$ 1.713	\$ 1.833	\$ 0.120	7.01%
(\$ Monthly Charge)		÷	+	÷ •••=•	
Debt Service	CITY	158,099	162,968	4,869	3.08%
Debt Service	ACSA	279,864	,	4,167	1.49%
<u>Wastewater</u>					
(\$ per 1,000 Gallons)					
Operations		\$ 1.789	\$ 1.835	\$ 0.046	2.57%
(\$ Monthly Charge)		222 645	260.027	25 202	10 610/
Debt Service Debt Service	CITY ACSA	333,645 232,493		35,392 (10,213)	10.61% -4.39%
Debt Service	AUSA	232,493	222,200	(10,213)	-4.3970
RURAL RATE CENTERS		FY 2016	FY 2017	\$ Change	% Change
					_
Crozet - (Monthly)					
Operations		\$ 80,391	\$ 76,152	\$ (4,239)	-5.27%
Debt Service		30,939	47,997	17,058	55.13%
Scottsville - (Monthly)					
Operations		\$ 41,360	\$ 32,534	\$ (8,826)	-21.34%
Debt Service		7,652		3,196	41.77%
				•	
Water Total		\$ 160,342	\$ 167,531	\$ 7,189	4.48%
Glenmore - (Monthly)		¢ 05 004	¢ 00 500	¢ 4 500	0 4 5 9/
Operations Debt Service		\$ 25,024 187		\$ 1,538 (55)	6.15% -29.41%
Scottsville - (Monthly)		107	152	(55)	-29.4170
Operations		\$ 20,241	\$ 21,173	\$ 932	4.60%
Debt Service		832	, ,	¢ (64)	-7.69%
				()	
Wastewater Total		\$ 46,284	\$ 48,635	\$ 2,351	5.08%
Total Monthly Rural Charge	s - ACSA	\$ 206,626	\$ 216,166	\$ 9,540	4.62%

Water Rate Centers

Rivanna Water and Sewer Authority

Fiscal Year 2016-2017

Urban Wator Si ımmərv

Projected Flow (MGD) 9.403 9.403 0.00 Operations Budget Projected Revenues \$ 1.713 \$ 1.713 \$ 1.833 7.01 Revenue \$ 1.713 \$ 2.949,562 \$ 5.899,124 \$ 6.289,813 6.369 Lease Revenues \$ 31,000 17,827 35,654 310,000 0.00 Watershed Reserves \$ 44,000 4,000 4,000 4,000 7,000 9,133 10,000 7,000 0.00 Interest Allocation \$ 1,554,990 \$ 754,638 \$ 1,552,978 \$ 1,522,389 4,310 2,140 2,143 2,140 2,163 4,162 2,143 2,140 2,143 2,140 2,143,00 1,000 2,100 2,163 1,489,260 1,62,2389 4,337 1,62,2389 4,337 1,62,2389 4,337 1,632,374,400 2,219 2,3100 2,000 2,000 2,000 2,000 1,000 2,433,31 6,339,774,600 4,33,79 1,49,260 1,67,400 4,33,79 1,49,260 1,67,400 4,33,79 1,49,260	Urban Water Summary				FY 2016		Adopted			
Operations Sudget Projected Revenues \$ 1.713 \$ 1.833 7.011 Revenue \$ 31,000 17,827 55,654 31,000 0.001 Watershed Reserves 44,000 4,000 4,000 4,000 0.001 0.001 Watershed Reserves 44,000 4,000 4,000 7,000 9,133 10,000 7,000 0.001 Interest Allocation 3,100 1,892 5,985,702 \$ 5,985,702 \$ 6,330,813 6,12 Projected Exponses \$ 1,554,990 \$ 754,638 \$ 1,622,978 \$ 1,622,389 4,337 Professional Services 36,270 23,393 67,387 63,320 7 6,332 Information Technology 14,500 15,136 30,272 7,400 433,79 Supplies 7,000 3,208 6,916 7,000 3,028 7,633 6,930,913 6,127 Operations Revenue 105,400 105,297 133,62 2,43,821 5,4352 5,500 0000 226,000 144							•		•	Budget % Change
Projected Revenues \$ 1.713 \$ 1.823 7.01 Revenues \$ 5.880,602 \$ 2,949,562 \$ 5.899,124 \$ 6,289,813 6,961 Lesse Revenues 31,000 17,827 35,684 31,000 0.000 Watershed Reserves 3,000 1,832 3,100 0.000 7,000 0.001 Interest Allocation 3,000 1,832 3,202 \$ 5,982,582 \$ 6,330,913 6,12 Projected Expnses \$ 1,554,990 \$ 7,6433 \$ 1,522,978 \$ 1,622,389 4,33 Prolected Expnses \$ 1,554,990 \$ 7,6433 \$ 1,522,978 \$ 1,622,389 4,33 Projected Expnses \$ 1,554,990 \$ 7,5433 \$ 1,522,978 \$ 1,622,989 6,916 7,000 2,090 Operations and Maintenance 1,514,800 \$ 1,513 1,489,260 1,677 6,930,913	Projected Flow (MGD)		9.403						9.403	0.00%
Projected Revenues \$ 1.713 \$ 1.823 7.01 Revenue \$ 5.880.602 \$ 2.949.562 \$ 5.899.124 \$ 6.289.813 6.961 Lesse Revenues 31.000 17.827 35.684 31.000 0.001 Miscelaneous 1.1842 3.100 17.827 35.684 31.000 0.001 Interest Allocation 3.000 1.842 3.724 3.100 0.001 Interest Allocation 5.546.702 \$ 2.982.682 \$ 6.330.913 6.127 Projected Expenses \$ 1.554.900 \$ 7.4333 \$ 1.522.983 \$ 3.622.77 2.333 67.387 65.920 7.200 2.091 Communications 32.770 23.393 67.387 65.920 7.200 43.379 Subout Before Allocations 32.770 23.933 67.387 65.922 5.200 0.000 2.299 Communications and Maintenance 1.51.48 3.1430 3.000	Operations Budget									
Operations Rate \$ 1.713 \$ \$ 1.833 7.01 Revenue \$ 5.80,002 \$ 5.80,002 \$ 6.289,813 6.299,813 6.289,813 6.299,813 6.299,813 6.299,813 6.299,813 6.299,813 6.299,813 6.299,813,813 6.299,813 6.299,8										
Revenue \$ 5.880.002 \$ 2.949.662 \$ 5.890.124 \$ 6.288.813 6.80 Lasa R Revenues 31,000 17.827 35,554 31,000 0.007 Miscellaneous 1.000 44,000 4,000 4,000 - 0.000 Miscellaneous 3.100 1.892 3.724 3.100 0.007 Projected Expenses \$ 5,965.702 \$ 2,982,502 \$ 6,330,913 6.12 Projected Expenses \$ 1,554,990 \$ 7,54,638 \$ 1,522,978 \$ 1,522,389 4.33 Professional Services 155,000 35,604 163,300 121,400 -2,168 Other Services and Charges 651,000 226,905 616,927 76,337 63,920 76,237 Supplies 7,000 3,208 6,916 7,000 0,000 105,297 135,228 108,500 0.00 Allocation of Support Departmemts 1.663,822 828,520 1,566,832 5.965 129,968 3,408,750 1,2968 3,408,750 1,475,081 4,503,98,935 1,4		¢	4 713					¢	4 933	7 01%
Lease Revenues 31,000 17,827 35,664 31,000 0,000 Watershed Reserves 7,000 9,139 10,000 7,000 0,000 Interest Allocation 3,700 \$2,962,602 \$5,992,662 \$6,530,913 6,127 Projected Expenses \$1,554,990 \$754,638 \$1,502,978 \$1,622,389 4,331 Profescional Services \$1,554,990 \$754,638 \$1,502,978 \$1,622,389 4,333 Other Services and Charges 651,000 226,905 616,927 637,400 -21,687 Communications 36,270 32,338 67,387 63,207 77,400 433,79 Supplies 7,000 151,36 30,272 77,400 433,79 Subtable Before Allocations \$4,301,880 \$2,143,831 \$4,349,21 \$4,556,862 500 Depretionis Cost per 1000 gallons \$1,5136 30,272 77,400 433,79 Coperations Cost per 1000 gallons \$1,514,820 84,9660 1,561,822 500 Debt Service Rate Revenue - CITY <td>-</td> <td></td> <td></td> <td>¢</td> <td>2 040 562</td> <td>¢</td> <td>5 900 124</td> <td></td> <td></td> <td></td>	-			¢	2 040 562	¢	5 900 124			
Watershed Reserves 44,000 4,082 44,000 - Miscellaneous 7,000 9,139 10,000 - - Miscellaneous \$ 5,965,702 \$ 2,262,502 \$ 5,992,662 \$ 6,330,913 6.12 - - Projected Expenses \$ 1,554,990 \$ 754,638 \$ 1,502,978 \$ 1,622,389 4,33 - - Projected Expenses \$ 1,556,900 \$ 5,754,638 \$ 1,502,978 \$ 1,622,389 4,330 - - Other Services and Charges 651,000 \$ 35,604 \$ 168,800 \$ 121,400 \$ -21,968 - - Operations and Maintenance 1,514,820 \$ 439,650 \$ 105,277 \$ 77,400 \$ 0,000 - - Depreciation & Reserves 280,000 \$ 130,000 \$ 260,900 \$ 20,900 \$ 20,900 \$ 0,000 \$ 20,900 \$ 0,000 \$ 20,900 \$ 0,000 \$ 20,900 \$ 0,000 \$ 20,900 \$ 0,000		ψ		φ		φ	, ,	φ		6.96% 0.00%
Miscellaneous 7,000 9,133 10,000 7,000 0,000 Interest Allocation 5 5,965,702 \$ 2,962,502 \$ 5,992,562 \$ 6,300,913 6,12 Projected Expenses \$ 1,554,990 \$ 754,638 \$ 1,502,976 \$ 1,622,389 4,333 Profescional Services \$ 1,554,990 \$ 754,638 \$ 1,502,976 \$ 1,622,389 4,333 Other Services and Charges 651,000 226,905 6616,927 637,400 -2.09 Communications 38,270 23,333 67,387 63,3207 76,337 Supplies 7,000 100,000 2,260,000 130,000 228,000 1,449,260 1,67 Depretiation & Reserves 240,000 130,000 2,280,000 4,28,563 64,333 Miccation of Support Departments 1,663,822 2,972,381 4,303,430 5,330,913 6,127 Debt Service Rates CITY ACSA 279,864 244,051			-		-		-		J1,005 -	0.0075
Interest Allocation 3,100 1,882 3,784 3,100 0,00 Total Operations Revenues \$ 5,965,702 \$ 2,982,502 \$ 5,992,562 \$ 6,330,913 6,127 Projected Expenses \$ 1,554,990 \$ 754,638 \$ 1,502,978 \$ 1,622,389 4,33 Professional Services \$ 155,000 226,905 \$ 618,927 637,400 -2,168 Other Services and Charges \$ 51,000 226,905 \$ 618,927 637,400 -2,108 Communications 36,270 23,333 67,387 633,200 76,233 Information Technology 14,500 15,166 30,272 77,400 433,794 Operations Reviews 208,000 150,168 30,272 153,228 108,500 0.000 Depreciation & Reserves 208,000 130,000 260,000 428,553 6,433 Subtrationardians Expenses \$ 5,957,702 \$ 2,972,351 \$ 6,030,430 \$ 6,030,911 5,633,013 6,127 Projected Revenue 208,000 130,000 260,000 428,553 6,633 Allocation of Support Departments 1,663,822 82,8520 1,680 1,7							,		7 000	0.00%
Total Operations Revenues \$ 5,965,702 \$ 5,925,502 \$ 5,992,562 \$ 6,330,913 6.12 Projected Expenses Personnel Cost \$ 1,554,990 \$ 754,638 \$ 1,502,978 \$ 1,622,389 4,333 Professional Services 651,000 256,004 166,300 121,400 -21,887 Other Services and Charges 651,000 26,905 661,927 637,400 -2,099 Communications 36,270 23,333 67,387 63,9207 76,337 63,9207 76,332 76,337 63,9207 76,337 63,9207 76,337 63,9207 76,332 76,337 63,9207 76,332 76,332,907 76,332 75,333 8,4349,652 1,560 0,000 2428,633 64,433 53,30,91										0.00%
Projected Expenses S 1,554,990 \$ 754,638 \$ 1,502,978 \$ 1,622,389 4,333 Professional Services 165,000 35,604 168,300 121,400 -21,887 Other Services and Charges 651,000 226,905 616,927 637,400 -2,097 Communications 36,270 23,393 67,387 63,920 76,237 Supplies 7,000 3,208 6,916 7,000 0,007 Operations and Maintenance 1,514,220 849,650 1,561,313 1,489,260 -1,677 Equipment Purchases 108,500 105,297 135,228 108,500 0.000 Depreciation & Reserves 260,000 120,000 428,653 6,433 5 Subtotal Before Allocations \$ 4,301,880 \$ 2,143,831 \$ 4,349,621 \$ 4,555,832 5,907 3,0900 4,337 6 1,672 6,300,430 \$ 6,630,913 6,149 3,087 6,630,913 6,167 \$ <td></td> <td>\$</td> <td></td> <td>\$</td> <td>•</td> <td>\$</td> <td>,</td> <td>\$</td> <td>•</td> <td>6.12%</td>		\$		\$	•	\$,	\$	•	6.12%
Personnel Cost \$ 1,554,990 \$ 754,638 \$ 1,502,978 \$ 1,622,389 4.333 Professional Services Other Services and Charges 651,000 226,905 616,927 637,400 -2.09 Communications 36,270 23,393 67,387 63,920 76,237 Supplies 7,000 3,206 6,916 7,000 0,000 Operations and Maintenance 1,514,620 849,650 1,561,613 1,489,280 -1.67 Equipment Purchases 260,000 130,000 2260,000 428,653 64,833 \$ 4,343,185 4,349,186 6,432 \$ 5,565,132 5,565 3,26 6,30,430 \$ 6,30,430 \$ 6,30,430 \$ 6,30,430 \$ 6,30,430 \$ 6,30,430 \$ 6,30,913 6,127 Subtoal Betries Allocations \$ 1,1738 \$ 4,301,831 \$ 4,303,813 \$ 4,304,813 \$ 1,308,021 \$ 6,127 <td< td=""><td>·</td><td>×</td><td>-,- ,</td><td><u> </u></td><td>_,,</td><td><u> </u></td><td>-,</td><td><u> </u></td><td>-, ,</td><td></td></td<>	·	×	-,- ,	<u> </u>	_,,	<u> </u>	-,	<u> </u>	-, ,	
Professional Services 155,000 35,604 168,300 121,400 -21,800 Other Services and Charges 651,000 226,905 616,927 637,400 -2,091 Communications 36,270 22,393 67,387 63,920 72,237 Information Technology 14,500 15,146 30,272 77,400 433,791 Supplies 7,000 3,208 6,916 7,000 0,000 Depreciations and Maintenance 1,514,620 849,650 1,561,613 1,489,260 -1,673 Equipment Purchases 108,500 102,297 133,5228 108,800 0,000 Depreciation & Reserves 260,000 22,143,831 4,349,621 \$4,455,632 5.900 Allocation of Support Departments 5,565,702 2,972,351 \$6,030,430 \$6,330,913 6,122 Operations Cost per 1000 gallons \$1,738 \$1,897,186 \$91,334 \$1,939,927 \$24,031 1,495 Debt Service Rate Revenue - ACSA 3,358,366 1,786,586 3,466,769 3,408,375		4	. == 1 000	•	1 000	•	÷ =00 070	~		1 000/
Other Services and Charges 651,000 226,905 616,927 637,400 -2.09 Communications 36,270 23,993 67,387 66,920 76.23 Information Technology 14,500 15,136 30,272 77,400 433.79 Supplies 7,000 3,208 6,916 7,000 0.00 Operations and Maintenance 1,514,620 844,9650 1,561,613 1,489,260 1,514,880,00 0.00 Depreciation & Reserves 260,000 130,000 260,000 428,663 64.83 Allocation of Support Departments 5 4,301,880 \$ 4,333.1 \$ 4,349,621 \$ 6,530,931 6,127 Operations Cost per 1000 gallons \$ 1,663,822 8,28,520 1,660,809 1,775,081 6,697 Debt Service Rate Revenue CITY \$ 1,897,186 \$ 991,334 \$ 1,939,927 \$ 1,956,614 3,086 Debt Service Rate Revenue - CITY \$ 1,897,186 \$ 991,334 \$<	-	\$		\$		\$		\$		4.33%
Communications 36,270 23,393 67,387 63,820 76,233 Information Technology 14,500 15,136 30,272 77,400 433,79 Supplies 7,000 3,208 6,916 7,000 0,00° Operations and Maintenance 1,514,620 849,650 1,551,613 1,489,260 -1,677 Equipment Purchases 500,000 130,000 2260,000 428,653 64,833 Subtate Before Allocations \$ 4,301,880 \$ 2,143,831 \$ 4,349,621 \$ 4,555,632 5.00 0,00° Operations Cost per 1000 gallons \$ 5,5965,702 \$ 2,972,351 \$ 6,030,430 \$ 6,330,913 6,127 Projected Revenue CITY 158,099 162,968 3,087 Debt Service Rate Revenue - CITY \$ 1,897,186 \$ 991,334 \$ 1,939,927 \$ 1,845 6,167 Debt Service Rate Revenue - ACSA 3,358,366 1,766,586 3,465,769 3,408,375 1,491 Debt Service Rate Revenue - ACSA 3,358,366 1,786,586<										-21.68%
Information Technology 14,500 15,136 30,272 77,400 433,793 Supplies 7,000 3,208 6,916 7,000 0,007 Operations and Maintenance 1,514,620 849,650 1,551,613 1,489,260 -1,657 Equipment Purchases 108,500 105,297 135,228 108,500 0.007 Depreciation & Reserves 260,000 220,000 220,009 428,553 6,483 Allocation of Support Departments 1,663,822 8,28520 1,680,809 1,775,081 6,693 Operations Cost per 1000 gallons \$1,738 \$1,845 6,161 Debt Service Rates CITY 158,099 162,968 3,084 AcSA 279,864 991,334 \$1,939,927 \$1,955,614 3,086 Debt Service Rate Revenue - CITY \$1,897,186 \$991,334 \$1,939,927 \$1,955,614 3,087 Debt Service Rate Revenue - CITY \$1,897,186 \$991,334 \$1,939,927 \$1,955,614 3,087 Debt Service Rate Revenue - CITY \$5,990 7,78,630 \$3,465,769 3,408,375 1,497 <t< td=""><td></td><td></td><td> ,</td><td></td><td></td><td></td><td></td><td></td><td></td><td>-2.09%</td></t<>			,							-2.09%
Supplies 7.000 3.208 6.916 7.000 0.000 Operations and Maintenance Equipment Purchases 1,514,620 849,650 1,561,613 1,489,260 -1.67 Depreciation & Reserves 260,000 130,000 260,000 422,563 64.83 Allocation of Support Departments Total Operations Expenses \$ 4,301,880 \$ 2,143,831 \$ 4,349,621 \$ 4,555,832 5.901 Operations Cost per 1000 gallons \$ 5,995,702 \$ 2,972,351 \$ 6,030,430 \$ 6,330,913 6.12 Projected Revenue ACSA 279,864 284,031 1.49 Debt Service Rate Revenue - CITY \$ 1,897,186 \$ 991,334 \$ 1,939,927 \$ 1,955,614 3.06 Debt Service Rate Revenue - ACSA 3,358,366 1,766,566 3,465,769 3,408,375 1.49 Debt Service Rate Revenue - ACSA 3,358,366 1,786,586 3,465,769 3,408,375 1.49 Debt Service Rate Revenue 25,000 22,453 44,906 44,000 76,00 Buck Mt Surcharge 25,377,042 2,848,409 5,54									,	76.23%
Operations and Maintenance 1,514,620 849,650 1,561,613 1,489,260 -1.677 Equipment Purchases 300,000 130,000 260,000 428,653 64.833 Subtotal Before Allocations \$ 4,301,880 \$ 2,43,831 \$ 4,349,621 \$ 4,555,832 5.900 Allocation of Support Departments \$ 5,965,702 \$ 2,972,351 \$ 6,030,430 \$ 6,330,913 6.127 Operations Cost per 1000 gallons \$ 1,75,081 6.999,702 \$ 2,972,351 \$ 6,030,430 \$ 6,230,913 6.127 Operations Cost per 1000 gallons \$ 1,738 \$ 1,845 6.167 6.167 Debt Service Rate Revenue - CITY \$ 1,88,099 \$ 1,92,9664 224,031 1.497 Debt Service Rate Revenue - ACSA \$ 1,897,186 \$ 991,334 \$ 1,939,927 \$ 1,955,614 3.087 Trust Fund Interest \$ 2,5000 22,453 44,900 74,600 76.007 Buck Mt Surcharge										433.79%
Equipment Purchases Depreciation & Reserves 108,500 105,297 135,228 108,500 0.00 Subtoal Before Allocations Allocation of Support Departments Total Operations Expenses \$ 4,301,880 \$ 4,304,621 \$ 4,304,621 \$ 4,349,621 \$ 4,25,63 6,693 Dept service Rate Revenue S 5,965,702 \$ 2,143,331 \$ 15,764 162,968 3,087 Debt Service Rate Revenue CITY 158,099 7,862 15,764 15,700 166,562 3,408,375 1.497 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>0.00%</td>										0.00%
Depreciation & Reserves Subtotal Before Allocations Allocation of Support Departments Total Operations Expenses 220,000 130,000 220,000 428,553 64,832 590 Allocation of Support Departments Total Operations Expenses \$ 4,301,880 \$ 2,972,351 \$ 6,030,430 \$ 6,330,913 6,122 Operations Cost per 1000 gallons \$ 1.738 \$ 1.845 6,161 Debt Service Rates CITY ACSA 158,099 162,968 3.083 Debt Service Rate Revenue - CITY \$ 1.897,186 \$ 991,334 \$ 1.939,927 \$ 1.939,927 \$ 1.930,803 1.400 76,000 <td></td>										
Subtotal Before Allocations Allocation of Support Departments Total Operations Expenses \$ 4,301,880 \$ 2,143,831 \$ 4,349,621 \$ 4,555,832 5,000 Operations Cost per 1000 gallons \$ 5,965,702 \$ 2,972,351 \$ 6,030,430 \$ 6,330,913 6,127 Operations Cost per 1000 gallons \$ 1,738 \$ 6,030,430 \$ 6,330,913 6,127 Projected Revenue Debt Service Rates CITY ACSA 279,864 \$ 1,845 6,166 Debt Service Rate Revenue - CITY Debt Service Rate Revenue - ACSA 1,897,186 991,334 \$ 1,939,927 \$ 1,955,614 3.08 Trust Fund Interest Buck Mt Surcharge Lease Revenue Case Revenue 25,000 22,453 44,906 44,000 76,000 Total Phrincipal & Interest Reserve Additions-Interest \$ 3,147,259 1,573,630 \$ 3,147,260 \$ 4,534,089 44,000 76,000 Debt Service Ratio Charge Est. New Debt Principal and Interest \$ 3,147,259 1,573,630 \$ 3,147,260 \$ 4,534,089 44,060 Reserve Additions-Interest \$ 5,376,459 \$ 2,698,183 \$ 5,396,366 \$ 5,500,389 2.231 Cital Debt Principal and Interest										0.00%
Allocation of Support Departments Total Operations Expenses 1,663,822 828,520 1,680,809 1,775,081 6,689 Operations Cost per 1000 gallons \$1.738 6,030,430 \$6,330,913 6,127 Operations Cost per 1000 gallons \$1.738 \$1.845 6,167 Debt Service Rates CITY 158,099 162,968 3.087 Debt Service Rates CITY \$1,847,186 991,334 \$1,939,927 \$1,955,614 3.087 Debt Service Rate Revenue - CITY \$1,897,186 991,334 \$1,939,927 \$1,955,614 3.087 Debt Service Rate Revenue - ACSA 25,000 7,882 15,764 15,700 166,557 Reserve Fund Interest \$5,890 7,882 15,764 15,700 75,100 -15,627 Lease Revenue \$5,377,042 \$2,848,409 \$5,546,674 \$5,500,389 2.297 Principal, Interest \$3,147,259 1,573,630 \$3,147,260 \$4,534,089 44,060 Reserve Additions-Interest \$2,000 62,500 125,000 26,500 126,000	-	*	1	*		•		*		64.83%
Total Operations Expenses \$ 5,965,702 \$ 2,972,351 \$ 6,030,430 \$ 6,330,913 6.12' Operations Cost per 1000 gallons \$11.738 \$11.845 6.16' Debt Service Rates CITY 158,099 162,968 3.08' Debt Service Rates CITY 158,099 284,031 1.49' Debt Service Rate Revenue - CITY \$ 1,897,186 991,334 \$ 1,939,927 \$ 1,955,614 3.08' Debt Service Rate Revenue - ACSA 3,358,366 1,766,586 3,468,776 1,49' Trust Fund Interest 5,890 7,882 15,764 15,700 162,68' Reserve Fund Interest 25,000 22,453 44,906 44,000 76,000' Buck MI Surcharge 89,000 39,500 79,000 75,100 -15.62' Lease Revenue \$ 5,377,042 \$ 2,848,409 \$ 5,546,674 \$ 5,500,389 2.29' Principal, Interest \$ 3,147,259 1,573,630 \$ 3,147,260 \$ 4,534,089 44.06' Reserve Additions-Interest \$ 5,376,459 \$ 2,698,183		\$		\$		\$		\$		5.90%
Operations Cost per 1000 gallons \$1.738 \$1.845 6.161 Debt Service Budget Projected Revenue 162,968 3.081 Projected Revenue ACSA 279,864 284,031 1.491 Debt Service Rates CITY 158,099 162,968 3.081 Debt Service Rates CITY 158,099 284,031 1.491 Debt Service Rate Revenue - CITY \$1,897,186 991,334 \$1,939,927 \$1,955,614 3.081 Debt Service Rate Revenue - ACSA \$3,358,366 1,786,586 3,465,769 3,408,375 1.491 Trust Fund Interest \$25,000 22,453 44,906 44,000 76.007 Buck Mt Surcharge 89,000 39,500 79,000 75,100 -15.627 Lease Revenue 1,600 654 1,308 1,600 0.007 Total Debt Service Revenue \$3,147,259 1,573,630 \$3,147,260 \$4,534,089 44.060 Reserve Additions-Interest \$3,147,259 1,573,630 \$3,147,260 \$4,534,089 44.060		¢		¢		¢		¢		6.69%
Debt Service Budget Projected Revenue Debt Service Rates CITY 158,099 162,968 3.08' ACSA 279,864 284,031 1.49' Debt Service Rate Revenue - ACSA 3,358,366 1,786,586 3,465,769 3,408,375 1.49' Trust Fund Interest 5,890 7,882 15,764 15,700 166,55' Reserve Fund Interest 25,000 22,453 44,000 76,00' 166,56' Buck Mt Surcharge 89,000 39,500 79,000 75,100 -15,62' Lease Revenue 1,600 654 1,308 1,600 0.00' Total Debt Service Revenue \$ 5,377,042 \$ 2,848,409 \$ 5,546,674 \$ 5,500,389 2,29' Principal, Interest \$ 3,147,259 1,573,630 \$ 3,147,260 \$ 4,534,089 44,060 Reserve Additions-Interest \$ 2,000 22,453 44,906 44,000 76,00' Debt Service Ratio Charge \$ 3,147,259 1,573,630 \$ 3,147,260 \$ 4,534,089 44,060' 26,000' 22,500' 22,500'2,205,500'2,285,000'2,20'3,300'2,69,35'	Total Operations Expenses	Þ	5,905,702	\$	2,972,351	\$	6,030,430	Þ	6,330,913	0.1270
Projected Revenue Debt Service Rates CITY 158,099 162,968 3.081 Debt Service Rates CITY 1,897,186 991,334 1,939,927 \$1,939,927 \$1,955,614 3.081 Debt Service Rate Revenue - ACSA 3,358,366 1,786,586 3,405,769 3,408,375 1.499 Trust Fund Interest 5,890 7,882 15,764 15,700 166,557 Reserve Fund Interest 25,000 22,453 44,906 44,000 76,000 Buck Mt Surcharge 89,000 39,500 79,000 75,100 -15,627 Lease Revenue 1,600 654 1,308 1,600 0.000 Total Petrincipal, Interest \$3,147,259 1,573,630 \$3,147,260 \$4,534,089 44,067 Reserve Additions-Interest \$3,147,259 1,573,630 \$3,147,260 \$4,534,089 44,067 Debt Service - CIP growth 25,000 22,453 44,906 44,000 76,000 Debt Service - CIP growth 2,079,200 1,039,600 2,079,200	Operations Cost per 1000 gallons		\$1.738	_		_		_	\$1.845	6.16%
Debi Service Rates CITY ACSA 158,099 279,864 162,968 3.080 Debt Service Rate Revenue - CITY \$ 1,897,186 991,334 \$ 1,939,927 \$ 1,955,614 3.080 Debt Service Rate Revenue - ACSA 3,358,366 1,786,586 3,465,769 3,408,375 1.490 Debt Service Rate Revenue - ACSA 3,358,366 1,786,586 3,465,769 3,408,375 1.490 Trust Fund Interest 5,890 7,882 15,764 15,700 166,557 Reserve Fund Interest 25,000 22,453 44,906 44,000 76,000 Buck Mt Surcharge 89,000 39,500 79,000 75,100 -15,627 Lease Revenue 1,600 654 1,308 1,600 0.007 Total Debt Service Revenue \$ 3,147,259 1,573,630 \$ 3,147,260 \$ 4,534,089 44,066 Reserve Additions-Interest \$ 3,147,259 1,573,630 \$ 3,147,260 \$ 4,534,089 44,066 Debt Service Ratio Charge 25,000 22,500 22,690 125,000 285,000 <t< td=""><td>Debt Service Budget</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>	Debt Service Budget									
Debi Service Rates CITY ACSA 158,099 279,864 162,968 3.080 Debt Service Rate Revenue - CITY \$ 1,897,186 991,334 \$ 1,939,927 \$ 1,955,614 3.080 Debt Service Rate Revenue - ACSA 3,358,366 1,786,586 3,465,769 3,408,375 1.490 Debt Service Rate Revenue - ACSA 3,358,366 1,786,586 3,465,769 3,408,375 1.490 Trust Fund Interest 5,890 7,882 15,764 15,700 166,557 Reserve Fund Interest 25,000 22,453 44,906 44,000 76,000 Buck Mt Surcharge 89,000 39,500 79,000 75,100 -15,627 Lease Revenue 1,600 654 1,308 1,600 0.007 Total Debt Service Revenue \$ 3,147,259 1,573,630 \$ 3,147,260 \$ 4,534,089 44,066 Reserve Additions-Interest \$ 3,147,259 1,573,630 \$ 3,147,260 \$ 4,534,089 44,066 Debt Service Ratio Charge 25,000 22,500 22,690 125,000 285,000 <t< td=""><td>Projected Revenue</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>	Projected Revenue									
ACSA 279,864 284,031 1.490 Debt Service Rate Revenue - ACSA 3,358,366 1,786,586 3,465,769 3,408,375 1.497 Debt Service Rate Revenue - ACSA 3,358,366 1,786,586 3,465,769 3,408,375 1.497 Trust Fund Interest 5,890 7,882 15,764 15,700 166,557 Reserve Fund Interest 25,000 22,453 44,906 44,000 76.007 Buck Mt Surcharge 89,000 39,500 79,000 75,100 -15.624 Lease Revenue 1,600 654 1,308 1,600 0.007 Total Debt Service Revenue \$ 5,377,042 \$ 2,848,409 \$ 5,546,674 \$ 5,500,389 2.294 Principal, Interest & Reserves \$ 3,147,259 1,573,630 \$ 3,147,260 \$ 4,534,089 44.060 Reserve Additions-Interest \$ 3,147,259 1,573,630 \$ 3,147,260 \$ 4,534,089 44.060 Reserve Ratio Charge \$ 2,079,200 1,039,600 2,079,200 125,000 285,000 128,000 Est. New Debt Service - CIP growth \$ 5,376,459 \$ 2,698,183 \$ 5,396,366 \$ 5,500,389 2,314 \$ 11,342,744 \$ 5,830,911 \$ 11,539,236 \$ 11,831,302 4,314	•	,	158,099						162,968	3.08%
Debt Service Rate Revenue - CITY \$ 1,897,186 \$ 991,334 \$ 1,939,927 \$ 1,955,614 3.084 Debt Service Rate Revenue - ACSA 3,358,366 1,786,586 3,465,769 3,408,375 1.495 Trust Fund Interest 5,890 7,882 15,764 15,700 166.557 Reserve Fund Interest 25,000 22,453 44,906 44,000 76.007 Buck Mt Surcharge 890,000 39,500 79,000 75,100 -15.627 Lease Revenue 1,600 654 1,308 1,600 0.007 Icease Revenue \$ 5,377,042 \$ 2,848,409 \$ 5,546,674 \$ 5,500,389 2.297 Principal, Interest & Reserves \$ 3,147,259 1,573,630 \$ 3,147,260 \$ 4,534,089 44.066 Reserve Additions-Interest \$ 3,147,259 1,573,630 \$ 3,147,260 \$ 4,534,089 44.066 Debt Service Ratio Charge 25,000 22,453 44,906 44,000 76.007 Est. New Debt Service - CIP growth 2,079,200 1,039,600 2,079,200 637,300 -69.357 Total Debt Principal and Interest \$ 5,376,459 \$ 2,698,183 \$ 5,396,366										1.49%
Debt Service Rate Revenue - ACSA 3,358,366 1,786,586 3,465,769 3,408,375 1.494 Trust Fund Interest 5,890 7,882 15,764 15,700 166.557 Reserve Fund Interest 25,000 22,453 44,906 44,000 76.000 Buck Mt Surcharge 89,000 39,500 79,000 75,100 -15.624 Lease Revenue 1,600 654 1,308 1,600 0.000 Total Debt Service Revenue \$ 5,377,042 \$ 2,848,409 \$ 5,546,674 \$ 5,500,389 2.299 Principal, Interest & Reserves \$ 3,147,259 1,573,630 \$ 3,147,260 \$ 4,534,089 44.060 Reserve Additions-Interest \$ 3,147,259 1,573,630 \$ 3,147,260 \$ 4,534,089 44.060 Debt Service Ratio Charge 25,000 22,453 44,906 44,000 76.000 Est. New Debt Service - CIP growth 2,079,200 1,039,600 2,079,200 637,300 -69.357 Total Debt Principal and Interest \$ 5,376,459 \$ 2,698,183 \$ 5,396,366 \$ 5,500,389 2.314 Total Debt Principal and Interest \$ 11,342,744 \$ 5,830,911 \$ 11,539,236 \$ 11,831,302 4.314 Total Revenues \$ 11,342,744 \$ 5,670				\$	991,334	\$	1,939,927	\$	-	3.08%
Trust Fund Interest 5,890 7,882 15,764 15,700 166.556 Reserve Fund Interest 25,000 22,453 44,906 44,000 76.000 Buck Mt Surcharge 89,000 39,500 79,000 75,100 -15.626 Lease Revenue 1,600 654 1,308 1,600 0.000 Total Debt Service Revenue \$ 5,377,042 \$ 2,848,409 \$ 5,546,674 \$ 5,500,389 2.299 Principal, Interest & Reserves \$ 3,147,259 1,573,630 \$ 3,147,260 \$ 4,534,089 44.060 Total Principal & Interest \$ 3,147,259 1,573,630 \$ 3,147,260 \$ 4,534,089 44.060 Reserve Additions-Interest \$ 3,147,259 1,573,630 \$ 3,147,260 \$ 4,534,089 44.060 Debt Service Ratio Charge 25,000 22,453 44,906 44,000 76.000 Est. New Debt Service - CIP growth 2,079,200 1,039,600 2,079,200 637,300 -69.350 Total Debt Principal and Interest \$ 5,376,459 \$ 2,698,183 \$ 5,396,366 \$ 5,500,389 2.311 Total Revenues \$ 11,342,744				-		-				1.49%
Reserve Fund Interest 25,000 22,453 44,906 44,000 76.000 Buck Mt Surcharge 89,000 39,500 79,000 75,100 -15.620 Lease Revenue \$ 5,377,042 \$ 2,848,409 \$ 5,546,674 \$ 5,500,389 2.290 Principal, Interest & Reserves \$ 3,147,259 1,573,630 \$ 3,147,260 \$ 4,534,089 44,000 76.000 Principal & Interest \$ 3,147,259 1,573,630 \$ 3,147,260 \$ 4,534,089 44,000 76.000 Debt Service Ratio Charge \$ 3,147,259 1,573,630 \$ 3,147,260 \$ 4,534,089 44,000 76.000 Est. New Debt Service - CIP growth \$ 5,376,459 \$ 2,000 22,453 44,906 44,000 76.000 Zorog.200 1,039,600 2,079,200 125,000 285,000 128.000 Est. New Debt Service - CIP growth \$ 5,376,459 \$ 2,698,183 \$ 5,396,366 \$ 5,500,389 2.314 Total Debt Principal and Interest \$ 11,342,744 \$ 5,830,911 \$ 11,539,236 \$ 11,831,302 4.314 Total Revenues \$ 11,342,744 \$ 5,670,534 11,426,796	Trust Fund Interest		5,890		7,882		15,764		15,700	166.55%
Buck Mt Surcharge 89,000 39,500 79,000 75,100 -15.624 Lease Revenue 1,600 654 1,308 1,600 0.004 Principal, Interest & Reserves Total Principal & Interest \$ 3,147,259 1,573,630 \$ 3,147,260 \$ 4,534,089 44.060 Reserve Additions-Interest \$ 3,147,259 1,573,630 \$ 3,147,260 \$ 4,534,089 44.060 Debt Service Ratio Charge \$ 2,000 22,453 44,906 44,000 76.000 Est. New Debt Service - CIP growth \$ 2,079,200 1,039,600 2,079,200 637,300 -69.354 Total Debt Principal and Interest \$ 5,376,459 \$ 2,698,183 \$ 5,396,366 \$ 5,500,389 2.314 Total Revenues \$ 11,342,744 \$ 5,830,911 \$ 11,539,236 \$ 11,831,302 4.314 Total Expenses \$ 11,342,161 5,670,534 11,426,796 11,831,302 4.314							,			76.00%
Lease Revenue 1,600 654 1,308 1,600 0.004 Total Debt Service Revenue \$ 5,377,042 \$ 2,848,409 \$ 5,546,674 \$ 5,500,389 2.294 Principal, Interest & Reserves Reserve Additions-Interest \$ 3,147,259 1,573,630 \$ 3,147,260 \$ 4,534,089 44,006 Debt Service Ratio Charge \$ 3,147,259 1,573,630 \$ 2,2453 \$ 4,4,906 \$ 4,534,089 \$ 44,060 Debt Service Ratio Charge \$ 25,000 22,453 \$ 44,906 \$ 4,000 76.000 Est. New Debt Service - CIP growth 2,079,200 1,039,600 2,079,200 637,300 -69.356 Total Debt Principal and Interest \$ 5,376,459 \$ 2,698,183 \$ 5,396,366 \$ 5,500,389 2.311 Rate Center Summary Total Revenues \$ 11,342,744 \$ 5,830,911 \$ 11,539,236 \$ 11,831,302 4.316 Total Expenses \$ 11,342,161 \$ 5,670,534 \$ 11,426,796 \$ 11,831,302 4.316										-15.62%
Total Debt Service Revenue \$ 5,377,042 \$ 2,848,409 \$ 5,546,674 \$ 5,500,389 2.29 Principal, Interest & Reserves \$ 3,147,259 1,573,630 \$ 3,147,260 \$ 4,534,089 44.066 Total Principal & Interest \$ 3,147,259 1,573,630 \$ 3,147,260 \$ 4,534,089 44.066 Reserve Additions-Interest \$ 25,000 22,453 44,906 44,000 76.000 Debt Service Ratio Charge 125,000 62,500 125,000 285,000 128.000 Est. New Debt Service - CIP growth \$ 5,376,459 \$ 2,698,183 \$ 5,396,366 \$ 5,500,389 2.311 Total Debt Principal and Interest \$ 11,342,744 \$ 5,830,911 \$ 11,539,236 \$ 11,831,302 4.316 Rate Center Summary \$ 11,342,161 5,670,534 11,426,796 11,831,302 4.316	5	_		_	-	_		_	-	0.00%
Total Principal & Interest \$ 3,147,259 1,573,630 \$ 3,147,260 \$ 4,534,089 44.066 Reserve Additions-Interest 25,000 22,453 44,906 44,000 76.000 Debt Service Ratio Charge 125,000 62,500 125,000 285,000 128.000 Est. New Debt Service - CIP growth 2,079,200 1,039,600 2,079,200 637,300 -69.350 Total Debt Principal and Interest \$ 5,376,459 \$ 2,698,183 \$ 5,396,366 \$ 5,500,389 2.314 Rate Center Summary Total Revenues \$ 11,342,744 \$ 5,830,911 \$ 11,539,236 \$ 11,831,302 4.310 Total Expenses \$ 11,342,161 5,670,534 11,426,796 11,831,302 4.310		\$		\$		\$		\$,	2.29%
Total Principal & Interest \$ 3,147,259 1,573,630 \$ 3,147,260 \$ 4,534,089 44.066 Reserve Additions-Interest 25,000 22,453 44,906 44,000 76.000 Debt Service Ratio Charge 125,000 62,500 125,000 285,000 128.000 Est. New Debt Service - CIP growth 2,079,200 1,039,600 2,079,200 637,300 -69.350 Total Debt Principal and Interest \$ 5,376,459 \$ 2,698,183 \$ 5,396,366 \$ 5,500,389 2.314 Rate Center Summary Total Revenues \$ 11,342,744 \$ 5,830,911 \$ 11,539,236 \$ 11,831,302 4.310 Total Expenses \$ 11,342,161 5,670,534 11,426,796 11,831,302 4.310	Principal Internet 9 December							- -		
Reserve Additions-Interest 25,000 22,453 44,906 44,000 76.000 Debt Service Ratio Charge 125,000 62,500 125,000 285,000 128.000 Est. New Debt Service - CIP growth 2,079,200 1,039,600 2,079,200 637,300 -69.350 Total Debt Principal and Interest \$ 5,376,459 \$ 2,698,183 \$ 5,396,366 \$ 5,500,389 2.310 Total Revenues Total Revenues \$ 11,342,744 \$ 5,830,911 \$ 11,539,236 \$ 11,831,302 4.310 Total Expenses \$ 11,342,161 \$ 5,670,534 \$ 11,426,796 \$ 11,831,302 4.310	•	ተ	0 4 47 050		1 570 620	¢	0 1 47 060	~	1 - 04 000	44.060
Debt Service Ratio Charge 125,000 62,500 125,000 285,000 128.000 Est. New Debt Service - CIP growth 2,079,200 1,039,600 2,079,200 637,300 -69.350 S 5,376,459 S 2,698,183 S 5,396,366 S 5,500,389 2.31 Rate Center Summary Total Revenues \$ 11,342,744 \$ 5,830,911 \$ 11,831,302 4.310 Total Expenses \$ 11,342,161 5,670,534 11,426,796 11,831,302 4.310		Ф				ን		\$		
Est. New Debt Service - CIP growth Total Debt Principal and Interest 2,079,200 1,039,600 2,079,200 637,300 -69.350 State Center Summary Rate Center Summary Total Revenues \$ 11,342,744 5,830,911 11,539,236 11,831,302 4.310 Total Expenses 11,342,161 5,670,534 11,426,796 11,831,302 4.310										
Total Debt Principal and Interest \$ 5,376,459 \$ 2,698,183 \$ 5,396,366 \$ 5,500,389 2.31 Rate Center Summary \$ 11,342,744 \$ 5,830,911 \$ 11,539,236 \$ 11,831,302 4.31 Total Revenues \$ 11,342,161 \$ 5,670,534 11,426,796 \$ 11,831,302 4.31										
Rate Center Summary Total Revenues \$ 11,342,744 \$ 5,830,911 \$ 11,539,236 \$ 11,831,302 4.310 Total Expenses 11,342,161 5,670,534 11,426,796 11,831,302 4.310		¢		¢		¢		¢		
Total Revenues \$ 11,342,744 \$ 5,830,911 \$ 11,539,236 \$ 11,831,302 4.316 Total Expenses 11,342,161 5,670,534 11,426,796 11,831,302 4.316	i otal Debt Principal and Interest	ð	5,370,433	Þ	2,690,100	φ	5,390,300	Þ	5,500,309	/ ۷.۱۱
Total Revenues \$ 11,342,744 \$ 5,830,911 \$ 11,539,236 \$ 11,831,302 4.316 Total Expenses 11,342,161 5,670,534 11,426,796 11,831,302 4.316										
Total Expenses 11,342,161 5,670,534 11,426,796 11,831,302 4.310	Total Pavanuas					\$	11 539 236	\$	11 831 302	4.319
		Ψ		Ψ		Ψ		Ψ		4.319
Surplus/ (Deficit) \$ 583 \$ 160,377 \$ 112,440 \$ -			11,012,1						11,001,11	
	Surplus/ (Deficit)	\$	583	\$	160,377	\$	112,440	\$	-	

Rivanna Water and Sewer Authority Fiscal Year 2016-2017 Adopted Budget

	Year 2016-2017 Adopted Bu se Detail	uagei							2016	2016
	Center: Urban Water			Current Ye	ear A	ctivity			vs.	vs.
Object <u>Code</u>	Line Item	Adopted Budget <u>FY 2015-2016</u>		Six Month Actual 12/31/2015		Projected Year end 6/30/2016	Adopted Budget <u>FY 2016-2017</u>		2017 Variance \$	2017 Variance %
10000	Salaries & Benefits									
11000	Salaries	\$ 1,049,885	\$	495,549	\$	991,098	\$ 1,094,683	\$	44,798	4.27%
11010 12010	Overtime & Holiday Pay FICA	85,000 86,819		52,539 40,400		105,078 80,800	85,000 90,246		- 3,427	0.00% 3.95%
12010	Health Insurance	160,400		75,068		150,136	182,411		22,011	13.72%
12026	EAP & OPEB	300		137		274	300			0.00%
12030	Retirement	110,028		49,862		99,724	105,709		(4,319)	-3.93%
12040	Life Insurance	13,858		5,603		11,206	14,340		482	3.48%
12050 12060	Fitness Program Worker's Comp Insurance	2,000 18,700		1,825 13,242		3,650 17,656	2,000 18,700		-	0.00% 0.00%
12000	Subtotal	\$ 1,526,990	\$	734,225	\$	1,459,622	\$ 1,593,389	\$	66,399	4.35%
13000	Other Personnel Costs									
13100	Employee Dues & Licenses	\$ 3,000	\$	235	\$	3,000	\$ 2,000	\$	(1,000)	-33.33%
13150	Education & Training	10,000	Ŧ	10,131	÷	20,262	12,000	Ť	2,000	20.00%
13200	Travel & Lodging	4,000		3,649		7,298	4,000		-	0.00%
13250	Uniforms	10,000		4,612		9,224	10,000		-	0.00%
13325 13350	Recruiting & Medical Testing Other	500 500		126 1,660		252 3,320	500 500		-	0.00% 0.00%
10000	Subtotal	\$ 28,000	\$	20,413	\$	43,356	\$ 29,000	\$	1,000	3.57%
	Professional Services									
20100	Legal Fees	\$ 5,000	\$	9,150	\$	18,300	\$ 5,000	\$	-	0.00%
20200	Financial & Admin. Services	-		-	-	-	-		-	
20300	Engineering & Technical Services	150,000		26,454	•	150,000	116,400		(33,600)	-22.40%
	Subtotal	\$ 155,000	\$	35,604	\$	168,300	\$ 121,400	\$	(33,600)	-21.68%
	Other Services and Charges									
21100 21150	General Liability/Property Ins. Advertising & Communication	\$ 30,000	\$	31,883	\$	31,883	\$ 33,900	\$	3,900	13.00%
21150	Watershed Management	- 80,000		- 14,800		- 74,600	75,000		(5,000)	-6.25%
21252	EMS Programs/Supplies	500		39		78	500		-	0.00%
21253	Safety Programs/Supplies	2,500		8,988		17,976	5,000		2,500	100.00%
21300 21350	Authority Dues/Permits/Fees Laboratory Analysis	8,000 55,000		7,616 23,066		15,232 46,132	8,000 55,000		-	0.00% 0.00%
21350	Utilities	450,000		138,753		40,132	440,000		(10,000)	-2.22%
21420	General Other Services	25,000		1,760		3,520	20,000		(5,000)	-20.00%
21430	Governance Support	-		-		-	-		-	
21450	Bad Debt Subtotal	\$ 651,000	\$	- 226,905	\$	616,927	\$ 637,400	\$	(13,600)	-2.09%
		. ,		,		,	. ,			
22000 22100	Communication Radio	\$ 3,870	\$	5,215	\$	5,215	\$ 4,420	\$	550	14.21%
22150	Telephone & Data Service	25,900	Ψ	14,592	Ψ	55,000	52,000	Ψ	26,100	100.77%
22200	Cell Phones & Pagers	6,500		3,586		7,172	7,500		1,000	15.38%
	Subtotal	\$ 36,270	\$	23,393	\$	67,387	\$ 63,920	\$	27,650	76.23%
31000	Information Technology									
31100	Computer Hardware	\$ 7,000	\$	5,067	\$	10,134	\$ 8,500	\$	1,500	21.43%
31150	SCADA Maint. & Support Maintenance & Support Services	-		-		-	66,400		66,400	na
31200 31250	Software Purchases	5,000 2,500		9,435 634		18,870 1,268	2,500		(5,000)	100.00%- 0.00%
	Subtotal	\$ 14,500	\$	15,136	\$	30,272	\$ 77,400	\$	62,900	433.79%
33000	Supplies									
33100	Office Supplies	\$ 3,000	\$	2,006	\$	4,012	\$ 3,000	\$	-	0.00%
33150	Subscriptions/Reference Material	1,000	Ŧ	_,	•	500	1,000	•	-	0.00%
33350	Postage & Delivery	3,000	-	1,202	-	2,404	3,000		-	0.00%
	Subtotal	\$ 7,000	\$	3,208	\$	6,916	\$ 7,000	\$	-	0.00%
41000	Operation & Maintenance									
41100	Building & Grounds	\$ 80,000	\$	42,601	\$	85,202	\$ 110,000	\$	30,000	37.50%
41150	Building & Land Lease	32,500		32,313		32,313	32,500		-	0.00%
41200 41300	Pump Station Maintenance Dam Maintenance	10,000 40,000		522 49,105		5,000 73,210	10,000 62,200		- 22,200	0.00% 55.50%
41350	Pipeline/Appurtenances	88,640		192,516		215,000	111,560		22,200	25.86%
41400	Materials & Supplies	54,000		26,313		52,626	54,000		-	0.00%
41450	Chemicals	825,000		373,133		771,266	775,000		(50,000)	-6.06%
41500 41550	Vehicle Maintenance Equipment Maint. & Repair	5,000 250,000		7,552 82,149		15,104 200,000	5,000 200,000		- (50,000)	0.00% -20.00%
11000		200,000		02,170		200,000	200,000		(00,000)	20.0070

Rivanna Water and Sewer Authority Fiscal Year 2016-2017 Adopted Budget Expense Detail

Expen	se Detail										2016	2016
Rate C	Center: Urban Water				Current Ye	ar A	ctivity				vs.	vs.
Object <u>Code</u>	Line Item	F	Adopted Budget Y 2015-2016		Six Month Actual 12/31/2015		Projected Year end 6/30/2016	F	Adopted Budget <u>FY 2016-2017</u>		2017 Variance \$	2017 Variance %
41600	Instrumentation		16.300		11.143		22,286	1	21.000		4.700	28.83%
41650	Fuel & Lubricants		23.180		8.986		17.972		18.000		(5,180)	-22.35%
41700	General Other Maintenance		90,000		23,317		71,634		90,000		(3,100)	0.00%
41700	Subtotal	\$	1,514,620	\$	849,650	\$	1,561,613	\$	1,489,260	\$	(25,360)	-1.67%
81000	Equipment Purchases											
81100	Small Equipment & Tools	\$	19,000	\$	31.583	\$	40.000	\$	19,000	\$	_	0.00%
81200	Rental & Leases	Ψ	2,500	Ψ	114	Ψ	228	Ψ	2,500	Ψ		0.00%
81250	Equipment (over \$5000)		72,000		66.100		80.000		72,000			0.00%
81300	Vehicle Replacement Fund		15,000		7,500		15,000		15,000		_	0.00%
0.000	Subtotal	\$	108,500	\$	105,297	\$	135,228	\$	108,500	\$	-	0.00%
95000	Allocations from Departments											
95100	Administrative Allocation	\$	623.467	\$	305.993	\$	638.944	\$	726.864	\$	103,397	16.58%
95300	Engineering Allocation	Ψ	484.436	Ψ	251.850	Ψ	490.443	Ψ	505.957	Ψ	21.521	4.44%
95150	Maintenance Allocation		404,112		197,219		394,438		386,656		(17,456)	-4.32%
95200	Laboratory Allocation		151,807		73,458		156,984		155,604		3,797	2.50%
	Subtotal	\$	1,663,822	\$	828,520	\$	1,680,809	\$	1,775,081	\$	111,259	6.69%
	Reserve Transfers-GAC Carbon	\$	_	\$		\$	_	\$	168,563	\$	168,563	
	Depreciation	Ψ	260,000	Ψ	130,000	Ψ	260,000	Ψ	260,000	Ψ	-	0.00%
	Subtotal	\$	260,000	\$	130,000	\$	260,000	\$	428,563	\$	168,563	64.83%
	Total	\$	5,965,702	\$	2,972,351	\$	6.030.430	\$	6.330.913	\$	365,211	6.12%

Crozet Water Summary

Crozet Water Summary			F۲		Adopted				
2		Budgeted		Actual for		Projected		Budget	Budget
		FY 2016	6	6 months		12 months		FY 2017	% Change
Projected Flow (MGD)		0.475						0.500	5.26%
Operations Budget									
Projected Revenues	^	00.004					•	70 4 50	E 070/
Operations Rate (monthly)	\$	80,391	•	400.040	•	004.000	\$	76,152	-5.27%
Revenue	\$	964,692	\$	482,346	\$	964,692	\$	913,824	-5.27%
Leases		32,000		16,827		33,654		32,000	0.00%
Interest Allocation Total Operations Revenues	\$	400 997,092	\$	251 499,424	\$	502 998,848	\$	400 946,224	0.00% - 5.10%
	<u> </u>	001,002	Ψ	400,424	Ŷ	000,040	Ψ	040,224	0.1070
Projected Revenues	<u>^</u>	000.007	•	400.400	•	054 070	•	007 540	4 500/
Personnel Cost	\$	263,327	\$	126,420	\$	251,270	\$	267,513	1.59%
Professional Services		73,900		13,000		73,900		76,700	3.79%
Other Services and Charges		74,150		40,915		79,791		88,200	18.95%
Communications		3,950		2,268		3,947		4,000	1.27%
Information Technology		2,300		500		2,000		14,200	517.39%
Supplies		760		70		340		760	0.00%
Operations and Maintenance		354,400		97,742		353,916		259,000	-26.92%
Equipment Purchases		45,450		2,860		45,720		35,450	-22.00%
Depreciation		20,000		10,000	<u></u>	20,000	<u></u>	32,000	60.00%
Subtotal Before Allocations	\$	838,237	\$	293,775	\$	830,884	\$	777,823	-7.21%
Allocations of Support Departments	_	158,855	-	78,939	_	160,115	•	168,395	6.01%
Total Operations Expenses	\$	997,092	\$	372,714	\$	990,999	\$	946,218	-5.10%
Operations Cost per 1000 gallons		\$5.751						\$5.185	-9.84%
Debt Service Budget									
Projected Revenue									
Debt Service Rates - Monthly	\$	30,939					\$	47,997	55.13%
Debt Service Rates - Monthly Debt Service Rate Revenue - ACSA	. Տ	371,268	\$	185,634	\$	371,268	ւթ \$	575,964	55.13%
Trust Fund Interest	ψ	700	Ψ	909	ψ	1,818	Ψ	1,800	157.14%
Reserve Fund Interest		500		557		1,010		1,100	120.00%
Total Debt Service Revenue	\$	372,468	\$	187,100	\$	374,200	\$	578,864	<u>55.41%</u>
	<u> </u>	,	Ŧ	,	Ŧ	•••,=••	Ŧ		
Principal, Interest & Reserves									
Total Principal & Interest - Existing	\$	359,889	\$	179,945		359,890	\$	431,461	19.89%
Estimated New Principal & Interest		12,077		6,039		12,078		146,300	
Reserve Additions-Interest		500		557		1,114		1,100	120.00%
Total Debt Principal and Interest	\$	372,466	\$	186,541	\$	373,082	\$	578,861	55.41%
		Rate Center Su	mm	arv					
Total Revenues	\$	1,369,560		686,524	\$	1,373,048	\$	1,525,088	11.36%
Total Expenses		1,369,558	Ŷ	559,255	Ψ	1,364,081	Ψ	1,525,079	11.36%
Surplus/ (Deficit)	\$	2	\$	127,269	\$	8,967	\$	9	
<u>Rates - (Monthly)</u> ACSA	\$	111,330					\$	124,149	11.51%
	ψ	11,550					Ψ	127,173	11.01/0

Rivanna Water and Sewer Authority Fiscal Year 2016-2017 Adopted Budget

Expen	se Detail										2016	2016
Rate C	<u> Center: Crozet Water</u>				Current Ye	ar Ac	tivity				vs.	vs.
Object <u>Code</u>	Line Item	B	lopted udget 015-2016		Six Month Actual 12/31/2015		Projected Year end 6/30/2016	F	Adopted Budget Y 2016-2017		2017 Variance \$	2017 Variance %
10000	Salaries & Benefits											
11000	Salaries	\$	175,388	\$	82,713	\$	165,426	\$	176,549	\$	1,161	0.66%
11010	Overtime & Holiday Pay		18,000		9,051		18,102		18,000		-	0.00%
12010 12020	FICA Health Insurance		14,794 27,200		6,769 12,766		13,538 25,532		14,883 29,894		89 2,694	0.60% 9.90%
12020	EAP & OPEB		27,200 50		23		25,552	-	29,094		2,094	0.00%
12030	Retirement		18,240		8,313		16,626		16,984		(1,256)	-6.89%
12040	Life Insurance		2,315		936		1,872		2,313		(2)	-0.09%
12050	Fitness Program		400		304		608		400		-	0.00%
12060	Worker's Comp Insurance Subtotal	\$	3,300 259,687	\$	2,355 123,230	\$	3,140 244,890	\$	3,300 262,373	\$	2,686	0.00%
	Subtotal	Ψ	200,001	Ψ	120,200	Ψ	211,000	Ψ	202,010	Ψ	2,000	1.0070
13000	Other Personnel Costs	•	0.50	•		•		-	0.50	•		0.000/
13100 13150	Employee Dues & Licenses Education & Training	\$	250 1,500	\$	33 1,621	\$	66 3,242	\$	250 3,000	\$	- 1,500	0.00% 100.00%
13200	Travel & Lodging		500		444		888		500		1,500	0.00%
13250	Uniforms		1,300		791		1,582		1,300		-	0.00%
13325	Recruiting & Medical Testing		40		22		44		40		-	0.00%
13350	Other	•	50	•	279	^	558		50	•	-	0.00%
	Subtotal	\$	3,640	\$	3,190	\$	6,380	\$	5,140	\$	1,500	41.21%
	Professional Services											
20100	Legal Fees	\$	-	\$	-	\$	-	\$	-	\$	-	
20200 20300	Financial & Admin. Services Engineering & Technical Services		- 73,900		- 13,000		73,900		- 76,700		- 2,800	3.79%
20300	Subtotal	\$	73,900	\$	13,000	\$	73,900	\$	76,700	\$	2,800	5.1970
			- /		.,		- /		-,		,	
	Other Services and Charges							-				
21100 21150	General Liability/Property Ins. Advertising & Communication	\$	2,100 100	\$	2,039	\$	2,039	\$	2,150 100	\$	50	2.38% 0.00%
21150	Watershed Management		100		-		-		100		-	0.00%
21252	EMS Programs/Supplies		-		-		-		-		-	
21253	Safety Programs/Supplies		50		1,439		2,878		50		-	0.00%
21300	Authority Dues/Permits/Fees		2,500		412		824		2,500		-	0.00%
21350 21400	Laboratory Analysis Utilities		13,000 52,500		6,057 30,968		12,114 61,936		19,500 60,000		6,500 7,500	50.00% 14.29%
21400	General Other Services		3,800				-	-	3,800		- 1,000	0.00%
21430	Governance Support		-		-		-		-		-	
21450	Bad Debt	*	-				-		-			
	Subtotal	\$	74,150	\$	40,915	\$	79,791	\$	88,200	\$	14,050	18.95%
22000	Communication											
22100	Radio	\$	350	\$	589	\$	589	\$	400	\$	50	14.29%
22150 22200	Telephone & Data Service Cell Phones & Pagers		2,800 800		1,328 351		2,656 702		2,800 800		-	0.00% 0.00%
22200	Subtotal	\$	3,950	\$	2,268	\$	3,947	\$	4,000	\$	50	1.27%
									·			
31000	Information Technology Computer Hardware	¢	1 000	¢		¢	1 000	¢	1 000	¢		0.00%
31100 31150	SCADA Maint. & Support	\$	1,000	\$		\$	1,000	\$	1,000 12,400	\$	- 12,400	0.00% na
31200	Maintenance & Support Services		1,100		403		806	-	-		(1,100)	na
31250	Software Purchases		200		97		194		800		600	
	Subtotal	\$	2,300	\$	500	\$	2,000	\$	14,200	\$	11,900	517.39%
33000	Supplies											
33100	Office Supplies	\$	400	\$	-	\$	100	\$	400	\$	-	0.00%
33150	Subscriptions/Reference Material		100		-		100		100		-	0.00%
33350	Postage & Delivery Subtotal	\$	260 760	\$	70 70	\$	140 340	\$	260 760	\$	-	0.00%
	Gubiolai	Ψ	100	Ψ	70	Ψ	0+0	Ψ	100	Ψ	-	0.0070
41000	Operation & Maintenance	¢	E4 000	¢	40.005	۴	E0 000	¢	40.000	۴	(44.000)	00.000/
41100 41150	Building & Grounds Building & Land Lease	\$	51,800 -	\$	19,605	\$	50,000 <u>-</u>	\$	10,000	\$	(41,800)	-80.69%
41200	Pump Station Maintenance		-		-		-		-		-	
41300	Dam Maintenance		-		-		-		5,000		5,000	
41350	Pipeline/Appurtenances		5,000		178		356		5,000		-	0.00%

Rivanna Water and Sewer Authority Fiscal Year 2016-2017 Adopted Budget

Expen	se Detail								2016	2016
Rate C	Center: Crozet Water		Current Yea	ar Ac	tivity				vs.	vs.
Object <u>Code</u>	Line Item	Adopted Budget 2015-2016	Six Month Actual 12/31/2015		Projected Year end 6/30/2016	I	Adopted Budget FY 2016-2017	`	2017 /ariance \$	2017 Variance %
41400	Materials & Supplies	3,000	2,373		4,746	I	3,000		-	0.00%
41450	Chemicals	115,000	62,967		125,934		115,000		-	0.00%
41500	Vehicle Maintenance	1,000	240		480		1,000		-	0.00%
41550	Equipment Maint. & Repair	150,000	12,147		150,000		90,000		(60,000)	-40.00%
41600	Instrumentation	1,600	58		1,600		3,000		1,400	
41650	Fuel & Lubricants	7,000	174		800		7,000		-	0.00%
41700	General Other Maintenance	20,000	-		20,000		20,000		-	0.00%
	Subtotal	\$ 354,400	\$ 97,742	\$	353,916	\$	259,000	\$	(95,400)	-26.92%
81000 81100 81200 81250	Equipment Purchases Small Equipment & Tools Rental & Leases Equipment (over \$5000)	\$ 4,000 - 40,000	\$ 2,135 - -	\$	4,270 - 40,000	\$	4,000 - 30,000	\$	- - (10,000)	0.00%
81300	Vehicle Replacement Fund	1,450	725		1,450		1,450		-	0.00%
	Subtotal	\$ 45,450	\$ 2,860	\$	45,720	\$	35,450	\$	(10,000)	-22.00%
95000 95100 95300 95150	Allocations from Departments Administrative Allocation Engineering Allocation Maintenance Allocation	\$ 56,679 41,229 47,146	\$ 27,818 21,434 23.009	\$	58,086 41,740 46,018	\$	66,079 43,060 45,110	\$	9,400 1,831 (2,036)	16.58% 4.44% -4.32%
95200	Laboratory Allocation	13.801	6.678		14.271		14.146		(2,000) 345	2.50%
33200	Subtotal	\$ 158,855	\$ 78,939	\$	160,115	\$	168,395	\$	9,540	6.01%
	Reserve Transfers-GAC Carbon Depreciation	\$ 	\$ - 10,000	\$	20,000	\$	12,000 20,000	\$	12,000	0.00%
	Subtotal	\$ 20,000	\$ 10,000	\$	20,000	\$	32,000	\$	12,000	60.00%
	Total	\$ 997,092	\$ 372,714	\$	990,999	\$	946,218	\$	(50,874)	-5.10%

Rivanna Water & Sewer Authority FY 2017 Adopted Budget

Scotteville Water Summary

Scottsville Water Summary			F١	2016			I	Adopted	
		Budgeted FY 2016		Actual for 6 months		Projected 2 months	<u> </u>	Budget FY 2017	Budget % Change
Projected Flow (MGD)		0.058						0.052	-10.34%
Operations Budget									
Projected Revenues									
Operations Rate (monthly)	\$	41,360					\$	32,534	-21.34%
Revenue	\$	496,320	\$	248,160	\$	496,320	\$	390,408	-21.34%
Interest Allocation		200		129	_	258		250	25.00%
Total Operations Revenues	\$	496,520	\$	248,289	\$	496,578	\$	390,658	-21.32%
Projected Expenses									
Personnel Cost	\$	186,022	\$	89,486	\$	177,882	\$	140,811	-24.30%
Professional Services	*	17,600	,	4,267	ŕ	8,534	,	15,300	-13.07%
Other Services and Charges		24,700		8,717		16,468		23,500	-4.86%
Communications		2,450		1,776		3,074		2,900	18.37%
Information Technology		1,900		117		234		7,000	268.42%
Supplies		750		-		-		750	0.00%
Operations and Maintenance		59,600		24,549		66,370		61,700	3.52%
Equipment Purchases		83,500		9,720		81,480		13,700	-83.59%
Depreciation		17,000		8,500		17,000		18,250	7.35%
Subtotal Before Allocations	\$	393,522	\$	147,132	\$	371,042	\$	283,911	-27.85%
Allocations of Support Departments		102,999		50,974		103,067		106,752	3.64%
Total Operations Expenses	\$	496,521	\$	198,106	\$	474,109	\$	390,663	-21.32%
Operations Cost per 1000 gallons		\$23.454						\$20.583	-12.24%
Debt Service Budget									
Projected Revenue									
Debt Service Rates - Monthly	\$	7,652					\$	10,848	41.77%
Debt Service Rate Revenue - ACSA	\$	91,819	\$	45,912	\$	91,824	\$	130,181	41.78%
Trust Fund Interest		170		227		454		450	164.71%
Reserve Fund Interest		100		257		514		500	400.00%
Total Debt Service Revenue	\$	92,089	\$	46,396	\$	92,792	\$	131,131	42.40%
Principal, Interest & Reserves									
Total Principal & Interest	\$	91,771	\$	45,886	\$	91,772	\$	130,631	42.34%
Estimated New Principal & Interest	•	218		109		218		-	-100.00%
Reserve Additions-Interest		100		257		514		500	400.00%
Total Debt Principal and Interest	\$	92,089	\$	46,252	\$	92,504	\$	131,131	42.40%
Total Revenues	R a \$	ate Center Su 588,609		ary 294,685	\$	589,370	\$	521,789	-11.35%
Total Expenses	Ψ	588,610	Ψ	294,085	Ψ	566,613	Ψ	521,789	-11.35%
Surplus/ (Deficit)	\$	(1)	\$	50,327	\$	22,757	\$	(5)	
Rates - Monthly									
ACSA	\$	49,012					\$	43,382	-11.49%

Rivanna Water and Sewer Authority Fiscal Year 2016-2017 Adopted Budget Expense Detail

Expen	se Detail									2016	2016
Rate C	Center: Scottsville Water				Current Y	ear Ac	tivity			vs.	vs.
			Adopted		Six Month		Projected	Adopted	1	2017	2017
Object			Budget		Actual		Year end	Budget		Variance	Variance
<u>Code</u>	Line Item	FY	2015-2016		12/31/2015		6/30/2016	<u>FY 2016-2017</u>		\$	%
10000	Salaries & Benefits										
11000	Salaries	\$	125,146	\$	58,524	\$	117,048	\$ 91,038	\$	(34,108)	-27.25%
11010	Overtime & Holiday Pay		10,000		6,465		12,930	10,000		-	0.00%
12010	FICA		10,339		4,795		9,590	7,729		(2,610)	-25.24%
12020	Health Insurance		19,500		9,084		18,168	15,423	-	(4,077)	-20.91%
12026 12030	EAP & OPEB Retirement		40 13,115		17 5,880		34 11,760	40 8,758	-	(4,357)	0.00% -33.22%
12030	Life Insurance		1,652		662		1,324	1,193	-	(4,357) (459)	-27.78%
12040	Fitness Program		200		215		430	200		(400)	0.00%
12060	Worker's Comp Insurance		2,300		1,635		2,180	2,300		-	0.00%
	Subtotal	\$	182,292	\$	87,277	\$	173,464	\$ 136,681	\$	(45,611)	-25.02%
13000	Other Personnel Costs										
13100	Employee Dues & Licenses	\$	180	\$	22	\$	44	\$ 180	\$	_	0.00%
13150	Education & Training	Ψ	1,000	Ψ	1,140	Ψ	2,280	2,000	Ť	1,000	100.00%
13200	Travel & Lodging		300		278		556	600		300	100.00%
13250	Uniforms		1,200		554		1,108	1,200		-	0.00%
13325	Recruiting & Medical Testing		1,000		15		30	100	_	(900)	-90.00%
13350	Other	•	50		200	•	400	50	-	-	0.00%
	Subtotal	\$	3,730	\$	2,209	\$	4,418	\$ 4,130	\$	400	10.72%
	Professional Services										
20100	Legal Fees	\$	-	\$	-	\$	-	\$ -	\$	-	
20200	Financial & Admin. Services		-		-		-	-		-	
20300	Engineering & Technical Services		17,600	•	4,267	•	8,534	15,300		(2,300)	-13.07%
	Subtotal	\$	17,600	\$	4,267	\$	8,534	\$ 15,300	\$	(2,300)	
	Other Services and Charges										
21100	General Liability/Property Ins.	\$	1,000	\$	966	\$	966	\$ 1,000	\$	-	0.00%
21150	Advertising & Communication		· -		-		-	-		-	
21250	Watershed Management		-		-		-	-		-	
21252	EMS Programs/Supplies		-		-		-	-		-	
21253	Safety Programs/Supplies		200		349		698	700	-	500	250.00%
21300	Authority Dues/Permits/Fees		1,200		412		824	1,200	-	-	0.00%
21350 21400	Laboratory Analysis Utilities		9,000 10,000		2,176 4,814		4,352 9,628	9,000 9,600	-	(400)	0.00% -4.00%
21400	General Other Services		3,300		4,014		9,020	2,000	-	(400)	-39.39%
21430	Governance Support		- 0,000		-		-	- 2,000		(1,000)	00.0070
21450	Bad Debt		-		-		-	-		-	
	Subtotal	\$	24,700	\$	8,717	\$	16,468	\$ 23,500	\$	(1,200)	-4.86%
22000	Communication										
22100	Radio	\$	350	\$	478	\$	478	\$ 400	\$	50	14.29%
22150	Telephone & Data Service		1,800		954		1,908	1,900		100	5.56%
22200	Cell Phones & Pagers		300		344		688	600		300	100.00%
	Subtotal	\$	2,450	\$	1,776	\$	3,074	\$ 2,900	\$	450	18.37%
31000	Information Technology										
31100	Computer Hardware	\$	600	\$	_	\$	_	\$ 600	\$	_	0.00%
31150	SCADA Maint. & Support	Ψ	-	Ψ	_	Ψ	_	6,200	Ψ	6,200	na
31200	Maintenance & Support Services		1,100		-		-		-	(1,100)	na
31250	Software Purchases		200		117		234	200		-	0.00%
	Subtotal	\$	1,900	\$	117	\$	234	\$ 7,000	\$	5,100	268.42%
33000	Supplies										
33100	Office Supplies	\$	300	\$	_	\$	-	\$ 300	\$	_	0.00%
33150	Subscriptions/Reference Material	Ψ	100	Ψ	-	Ψ	-	100	Ψ	-	0.00%
33350	Postage & Delivery		350		-		-	350		-	0.00%
	Subtotal	\$	750	\$	-	\$	-	\$ 750	\$	-	0.00%
41000	Operation & Maintenance	¢	6 000	¢	E 400	۴	10 202	¢ 0.000		2 000	E0.000/
41100 41150	Building & Grounds Building & Land Lease	\$	6,000	\$	5,190	\$	10,380 -	\$ 9,000	\$	3,000	50.00%
41130	Pump Station Maintenance		-		-		-	-	1	-	
41200	Dam Maintenance		- 1,500		-		1,500	1,500	1	-	0.00%
41350	Pipeline/Appurtenances		1,000		-		-	100		(900)	-90.00%
41400	Materials & Supplies		1,000		2,740		5,480	3,000]	2,000	200.00%
	••								-		

Г

Rivanna Water and Sewer Authority Fiscal Year 2016-2017 Adopted Budget Expense Detail

Expen	se Detail		 					2016	2016
Rate C	Center: Scottsville Water		Current Ye	ar Ac	tivity			vs.	vs.
Object <u>Code</u>	Line Item	Adopted Budget 2015-2016	Six Month Actual 12/31/2015		Projected Year end 6/30/2016		Adopted Budget 2016-2017	2017 Variance \$	2017 Variance %
41450	Chemicals	18,000	6,051		16,000	1	16,000	(2,000)	-11.11%
41500	Vehicle Maintenance	700	1,390		2,780		700	(_,000)	0.00%
41550	Equipment Maint. & Repair	15,000	1,563		15,000		15,000	-	0.00%
41600	Instrumentation	3.000	1.616		3,232		3,000	-	0.00%
41650	Fuel & Lubricants	1,400	886		1,772		1,400	-	0.00%
41700	General Other Maintenance	12,000	5,113		10,226		12,000	-	0.00%
	Subtotal	\$ 59,600	\$ 24,549	\$	66,370	\$	61,700	\$ 2,100	3.52%
81000	Equipment Purchases								
81100	Small Equipment & Tools	\$ 2,000	\$ 240	\$	480	\$	200	\$ (1,800)	-90.00%
81200	Rental & Leases	500	-		-		500	-	0.00%
81250	Equipment (over \$5000)	80,000	8,980		80,000		12,000	(68,000)	-85.00%
81300	Vehicle Replacement Fund	1,000	500		1,000		1,000	-	0.00%
	Subtotal	\$ 83,500	\$ 9,720	\$	81,480	\$	13,700	\$ (69,800)	-83.59%
95000	Allocations from Departments								
95100	Administrative Allocation	\$ 28,339	\$ 13,909	\$	29,043	\$	33,039	\$ 4,700	16.58%
95300	Engineering Allocation	20,614	10,717		20,870		21,530	916	4.44%
95150	Maintenance Allocation	47,146	23,009		46,018		45,110	(2,036)	-4.32%
95200	Laboratory Allocation	6,900	3,339		7,136		7,073	173	2.51%
	Subtotal	\$ 102,999	\$ 50,974	\$	103,067	\$	106,752	\$ 3,753	3.64%
	Reserve Transfers-GAC Carbon	\$ -	\$ -	\$	-	\$	1,250	\$ -	
	Depreciation	17,000	8,500		17,000		17,000	-	0.00%
	Subtotal	\$ 17,000	\$ 8,500	\$	17,000	\$	18,250	\$ -	0.00%
	Total	\$ 496.521	\$ 198,106	\$	474,109	\$	390.663	\$ (107,108)	-21.57%

Wastewater Rate Centers

Rivanna Water and Sewer Authority

Fiscal Year 2016-2017

Urban Wastewater Summary

Surplus/ (Deficit)

Urban Wastewater Summary				F	Y 2016				Adopted	
			Budgeted FY 2016		Actual for 6 months		Projected 12 months		Budget FY 2017	Budget % Change
Projected Flow (MGD)			9.383	1					9.383	0.00%
Operations Budget										
Projected Revenues										
Operations Rate		\$	1.789					\$	1.835	2.57%
Revenue		\$	6,126,623	\$	3,354,137	\$	6,708,274	\$	6,283,199	2.56%
Stone Robinson WWTP			26,847		10,115		20,230		27,027	0.67%
Septage Acceptance			340,000		206,131		412,262		390,000	14.71%
Nutrient Credits			85,000		123,605		123,605		123,000	44.71%
Miscellaneous Revenue			10,000		16,501		16,501		10,000	0.00%
Interest Allocation		*	4,000	¢	2,143	¢	4,286	¢	4,000	0.00%
Total Operations Revenues		\$	6,592,470	\$	3,712,632	\$	7,285,158	\$	6,837,226	3.71%
Projected Expenses										
Personnel Cost		\$	1,172,128	\$	554,650	\$	1,104,075	\$	1,204,156	2.73%
Professional Services			44,000		19,596		39,192		54,000	22.73%
Other Services and Charges			1,344,000		779,174		1,486,776		1,385,400	3.08%
Communications			8,570		7,010		10,302		9,120	6.42% 223.20%
Information Technology Supplies			18,750 2,450		8,844 954		17,688 1,908		60,600 2,450	223.20% 0.00%
Operations and Maintenance			1,431,175		735,819		1,696,638		1,445,980	1.03%
Equipment Purchases			49,500		25,276		56,552		49,500	0.00%
Depreciation & Reserves			465,000		232,500		465,000		465,000	0.00%
Subtotal before allocations		\$	4,535,573	\$		\$	4,878,131	\$	4,676,206	3.10%
Allocations of Support Depts.			2,056,897		1,019,481		2,066,715		2,161,020	5.06%
Total Operations Expenses		\$	6,592,470	\$	3,383,304	\$	6,944,846	\$	6,837,226	3.71%
Operations Cost per 1000 gallons			\$1.925						\$1.996	3.69%
Debt Service Budget										
Projected Revenue										
	CITY		333,645						369,037	10.61%
	ACSA		232,493						222,280	-4.39%
Debt Service Rate Revenue - CITY		\$	4,003,745	\$	2,085,837	\$		\$	4,428,448	10.61%
Debt Service Rate Revenue - ACSA			2,789,917		1,513,163		2,908,122		2,667,355	-4.39%
County MOU - Septage			109,440		109,441		109,441		109,440	0.00%
Trust Fund Interest Reserve Fund Interest			10,100 23,000		13,447 19,282		26,894 38,564		26,800 38,000	165.35% 65.22%
Total Debt Service Revenue		\$	6,936,202	\$	3,741,170	\$	7,170,731	\$	7,270,043	4.81%
		<u> </u>	0,000,202	•	•,• • •,• •	•	.,	•	.,,	
Principal, Interest & Reserves										
Total Principal & Interest		\$	5,384,116	\$	2,692,058	\$	5,384,116	\$	6,421,044	19.26%
Reserve Additions-Interest			23,000		19,282		38,564		38,000	65.22%
Debt Service Ratio charge			225,000		112,500		225,000		325,000	44.44%
Est. New Debt Service - CIP growth			1,305,300		652,650		1,305,300		486,000	-62.77%
Total Debt Principal and Interest		\$	6,937,416	\$	3,476,490	\$	6,952,980	\$	7,270,044	4.79%
					_		_			
			ate Center Sun					_		
Total Revenues		\$		\$	7,453,802	\$	14,455,889	\$	14,107,269	4.28%
Total Expenses			13,529,886	_	6,859,794		13,897,826		14,107,270	4.27%

\$

(1,214) \$

594,008 \$

558,063 \$

(1)

Rivanna Water and Sewer Authority Fiscal Year 2016-2017 Adopted Budget E F

	Year 2016-2017 Adopted Buc	lget								<u> </u>		
	se Detail										2016	2016
Rate C	enter: Urban Wastewater				Current Ye	ear A	ctivity				VS.	vs.
Object <u>Code</u>	Line Item		Adopted Budget (2015-2016		Six Month Actual 12/31/2015		Projected Year end 6/30/2016	F	Adopted Budget <u>Y 2016-2017</u>		2017 Variance \$	2017 Variance %
40000	Salarian & Damafita											
10000 11000	Salaries & Benefits Salaries	\$	811,507	\$	353,366	\$	706,732	\$	826,905	\$	15,398	1.90%
11010	Overtime & Holiday Pay	Ψ	45,000	Ψ	52,920	Ψ	105,840	Ψ	45,000	Ψ	-	0.00%
12010	FICA		65,523		29,279		58,558		66,701		1,178	1.80%
12020	Health Insurance		126,400		56,728		113,456		144,630		18,230	14.42%
12026	EAP & OPEB		240		104		208		240		-	0.00%
12030 12040	Retirement Life Insurance		85,046 10,712		35,937 4,037		71,874 8,074		79,948 10,832		(5,098) 120	-5.99% 1.12%
12040	Fitness Program		1,000		4,037		380		1,000		-	0.00%
12060	Worker's Comp Insurance		11,000		7,837		10,449		11,000		-	0.00%
	Subtotal	\$	1,156,428	\$	540,398	\$	1,075,571	\$	1,186,256	\$	29,828	2.58%
13000	Other Personnel Costs											
13100	Employee Dues & Licenses	\$	2,700	\$	1,692	\$	3,384	\$	2,700	\$	-	0.00%
13150	Education & Training	•	5,000	•	3,056		6,112		5,000	·	-	0.00%
13200	Travel & Lodging		1,800		4,711		9,422		4,000		2,200	122.22%
13250	Uniforms		5,200		3,850		7,700		5,200		-	0.00%
13325	Recruiting & Medical Testing		500		392		784		500		-	0.00%
13350	Other Subtotal	\$	500 15,700	\$	551 14,252	\$	1,102 28,504	\$	500 17,900	\$	- 2,200	0.00% 14.01%
	Subiolar	Ψ	10,700	Ψ	14,232	Ψ	20,004	Ψ	17,300	Ψ	2,200	14.0170
	Professional Services	•		•		•		^		•		0.000/
20100	Legal Fees	\$	4,000	\$	-	\$	-	\$	4,000	\$	-	0.00%
20200 20300	Financial & Admin. Services Engineering & Technical Services		40.000		- 19,596		- 39,192		- 50,000		- 10,000	25.00%
20000	Subtotal	\$	44,000	\$	19,596	\$	39,192	\$	54,000	\$	10,000	20.00 %
			,		,		,		,		,	
	Other Services and Charges							-				
21100	General Liability/Property Ins.	\$	75,000	\$	71,572	\$	71,572	\$	75,900	\$	900	1.20%
21150	Advertising & Communication		-		-		-		1,500		1,500	
21250 21252	Watershed Management EMS Programs/Supplies		-		- 39		- 78		-		-	
21252	Safety Programs/Supplies		7,000		5,480		10,960		11,000		4,000	57.14%
21300	Authority Dues/Permits/Fees		31,000		18,352		36,704		31,000		-	0.00%
21350	Laboratory Analysis		9,000		15,279		30,558		9,000		-	0.00%
21400	Utilities		725,000		371,255		742,510		725,000		-	0.00%
21420	General Other Services		497,000		297,197		594,394		532,000		35,000	7.04%
21430	Governance Support		-		-		-		-		-	
21450	Bad Debt Subtotal	\$	1,344,000	\$	779,174	\$	1,486,776	\$	1,385,400	\$	41,400	3.08%
22000 22100	Communication Radio	\$	3,170	\$	3,718	¢	3,718	\$	3,620	\$	450	14.20%
22100	Telephone & Data Service	φ	2,000	φ	791	φ	1,582	φ	2,000	φ	430	0.00%
22200	Cell Phones & Pagers		3,400		2,501		5,002		3,500		100	2.94%
	Subtotal	\$	8,570	\$	7,010	\$	10,302	\$	9,120	\$	550	6.42%
31000 31100	Information Technology Computer Hardware	\$	6,000	\$	2,213	\$	4,426	\$	7,200	\$	1,200	20.00%
31150	SCADA Maint. & Support	φ	0,000	φ	2,213	φ	4,420	φ	52,800	φ	52,800	20.00% na
31200	Maintenance & Support Services		12,000		6,280		12,560		- 02,000		(12,000)	-100.00%
31250	Software Purchases		750		351		702		600		(150)	-20.00%
	Subtotal	\$	18,750	\$	8,844	\$	17,688	\$	60,600	\$	41,850	223.20%
22000	Supplies											
33000 33100	Supplies Office Supplies	\$	1,500	\$	707	\$	1,414	\$	1,500	\$	_	0.00%
33150	Subscriptions/Reference Material	Ψ	750	Ψ	-	Ψ	-	Ψ	750	Ψ	-	0.00%
33350	Postage & Delivery		200		247		494		200		-	0.00%
	Subtotal	\$	2,450	\$	954	\$	1,908	\$	2,450	\$	-	0.00%
41000	Operation & Maintenance	¢	21 400	¢	04.065	¢	40 700	¢	21 400	¢		0.009/
41100 41150	Building & Grounds Building & Land Lease	\$	31,400	\$	24,365	\$	48,730	\$	31,400	\$	-	0.00%
41200	Pump Station Maintenance		- 117,475		- 51,872		- 103,744	-	112,010		(5,465)	-4.65%
41300	Dam Maintenance		-				-		-		(-,)	
41350	Pipeline/Appurtenances		81,400		73,336		346,672		186,370		104,970	128.96%
41400	Materials & Supplies		21,800		15,052		30,104		21,800		-	0.00%
41450	Chemicals		800,000		356,775		738,550	-	750,000		(50,000)	-6.25%
41500 41550	Vehicle Maintenance Equipment Maint. & Repair		8,000 281,300		5,133 197,901		10,266 395,802		8,000 296,600		- 15,300	0.00% 5.44%
41600	Instrumentation		39,800		13,683		27,366	-	39,800			0.00%
			-,		-,		,	L	- / 2			

Rivanna Water and Sewer Authority Fiscal Year 2016-2017 Adopted Budget

	se Detail	90									2016	2016
	Center: Urban Wastewater				Current Ye	ar A	ctivity				VS.	vs.
Object <u>Code</u>	Line Item	F	Adopted Budget Y 2015-2016		Six Month Actual 12/31/2015		Projected Year end 6/30/2016	F	Adopted Budget Y 2016-2017		2017 Variance \$	2017 Variance %
41650 41700	Fuel & Lubricants General Other Maintenance		70,000 (20,000)		16,016 (18,314)		32,032 (36,628)		30,000 (30,000)		(40,000) (10,000)	-57.14% -50.00%
	Subtotal	\$	1,431,175	\$	735,819	\$	1,696,638	\$	1,445,980	\$	14,805	1.03%
81000	Equipment Purchases											/
81100 81200	Small Equipment & Tools Rental & Leases	\$	4,000 5,000	\$	- 8,026	\$	4,000 12,052	\$	4,000 5,000	\$	-	0.00% 0.00%
81200	Equipment (over \$5000)		5,000 6,000		0,020		6.000		6,000		-	0.00%
81300	Vehicle Replacement Fund		34,500		17,250		34,500		34,500		-	0.00%
	Subtotal	\$	49,500	\$	25,276	\$	56,552	\$	49,500	\$	-	0.00%
95000	Allocations from Departments											
95100	Administrative Allocation	\$	680,146	\$	333,810	\$	697,030	\$	792,943	\$	112,797	16.58%
95300 95150	Engineering Allocation Maintenance Allocation		453,515		235,774		459,138		473,662		20,147	4.44%
95150 95200	Laboratory Allocation		761,078 162,158		371,430 78,467		742,860 167.687		728,202 166,213		(32,876) 4,055	-4.32% 2.50%
00200	Subtotal	\$	2,056,897	\$	1,019,481	\$	2,066,715	\$	2,161,020	\$	104,123	5.06%
		¢		¢		¢		¢		¢		
	Reserve Transfers Depreciation	\$	- 465.000	\$	- 232,500	\$	- 465,000	\$	- 465,000	\$	-	0.00%
	Subtotal	\$	465,000	\$	232,500	\$	465,000	\$	465,000	\$	-	0.00%
	Total	\$	6,592,470	\$	3,383,304	\$	6,944,846	\$	6,837,226	\$	244,756	3.71%

Rivanna Water & Sewer Authority FY 2017 Adopted Budget

Glenmore Wastewater Summary			F١	2016			1	Adopted	
		Budgeted FY 2016		Actual for 6 months		Projected 12 months		Budget FY 2017	Budget % Change
Projected Flow (MGD)		0.124	1					0.119	
Operations Budget									
Projected Revenues									
Operations Rate (monthly)	\$	25,024					\$	26,562	6.15%
Revenue	\$	300,288	\$	150,144	\$	300,288	\$	318,744	6.15%
Interest Allocation	Ŧ	175	Ŧ	97	•	194	Ŧ	175	0.00%
Total Operations Revenues	\$	300,463	\$	150,241	\$	300,482	\$	318,919	6.14%
Projected Expenses									
Personnel Cost	\$	81,556	\$	38,015	\$	75,674	\$	83,791	2.74%
Professional Services	Ψ		Ψ	1,364	Ψ	2,728	Ψ		2.1470
Other Services and Charges		26,550		20,702		38,310		31,370	18.15%
Communications		2,250		2,807		5,248		3,630	61.33%
Information Technology		850		344		688		1,900	123.53%
Supplies		100		-		-		100	0.00%
Operations and Maintenance		101,600		44,520		100,610		109,440	7.72%
Equipment Purchases		2,600		1,050		2,100		2,600	0.00%
Depreciation		3,000		1,500		3,000		3,000	0.00%
Subtotal before allocations	\$	218,506	\$	110,302	\$	228,358	\$	235,831	7.93%
Allocations of Support Depts.	,	81,952	•	40,505		81,543		83,083	1.38%
Total Operations Expenses	\$	300,458	\$	150,807	\$	309,901	\$	318,914	6.14%
Operations Cost per 1000 gallons Debt Service Budget		\$6.638						\$7.342	
Projected Revenue	۴	407					¢	400	20.440/
Debt Service Rate (monthly) Debt Service Rate Revenue - ACSA	\$ \$	187	¢	4 400	¢	0.044	\$	132	-29.41%
Trust Fund Interest	φ	2,246	\$	1,122	Ф	2,244	\$	1,582	-29.56%
Reserve Fund Interest		200		- 214		428		400	100.00%
Total Debt Service Revenue	\$	2,446	\$	1,336	\$	2,672	\$	1,982	-18.97%
	<u> </u>	_,•	Ŧ	.,	Ŧ	_,•: _	Ŧ	1,002	
Principal, Interest & Reserves									
Total Principal & Interest	\$	2,246	\$	1,123	\$	2,246	\$	1,582	-29.56%
Reserve Additions-Interest	,	200	•	214		428		400	100.00%
Total Debt Principal and Interest	\$	2,446	\$	1,337	\$	2,674	\$	1,982	-18.97%
	D	ate Center Sur	nma	P 1/					
Total Revenues	\$	302,909		151,577	\$	303,154	\$	320,901	5.94%
Total Expenses		302,904	•	152,144	•	312,575	•	320,896	5.94%
Surplus/ (Deficit)	\$	5	\$	(567)	\$	(9,421)	\$	5	
<u>Rates (Monthly)</u> ACSA	\$	25,211					\$	26,694	5.88%
AUGA	Ψ	23,211					Ψ	20,094	0.00%

Rivanna Water and Sewer Authority Fiscal Year 2016-2017 Adopted Budget Expense Detail

Object Code Line Item Endopted Pr2015201 St Month Pr2015201 Projected Status 4 Adopted Pr2015201 Variance Status 5 Variance Status 5 10000 Salaries 4 Benefits \$ 50,004 \$ 24,000 \$ 41,101 \$ 50,004 \$ 50,004 \$ 50,004 \$ 50,004 \$ 50,004 \$ 50,005 \$ 57,80 \$ 57,80 \$ 50,004 \$ 40,160 \$ 50,004 \$ 40,160 \$ 50,004 \$ 40,160 \$ 44,170 \$ 1,281 \$ 1,282 \$ 67,7 \$ 74 \$ 44,170 \$ 1,281 \$ 1,282 \$ 67,7 \$ 74 \$ 74 \$ 74,7 \$ 74,84 \$ 72,114 \$ 72,127 \$ 52,00 \$ 1,282 \$ 67,7 \$ 74 \$ 72,127 \$ 50,00 \$ 1,282 \$ 1,282 \$ 1,282 \$ 1,282 \$ 1,282 \$ 1,282 \$ 1,282 \$ 1,282 \$ 1,282 \$ 67,7 \$ 7,7 \$ 7,830 \$ 1,282 \$ 1,282 \$ 1,282 \$ 1,282 \$ 1,282 \$ 1,282 \$ 1,282 \$ 1,282 \$ 1,282 \$ 1,282 \$ 1,282 \$ 1,282 \$ 1,282 \$ 1,282 \$ 1,282 \$ 1,282 \$ 1,282 <t< th=""><th>xpen</th><th>se Detail</th><th></th><th></th><th>——</th><th></th><th></th><th></th><th></th><th></th><th>2016</th><th>2016</th></t<>	xpen	se Detail			— —						2016	2016
Object East Line tem Public Protection Actual 12/3/12/15 Year and 32/3/12/15 Budget Budget Protection Variance Submission Variance Submissin Variance Submissin Variance	Rate C	Center: Glenmore Wastewater	r			Current Ye	ar Act	tivity			vs.	vs.
11010 Ostime & Holds Pay 3.660 \$2.40,00 \$4.81,80 \$6.63,23 \$7.75 12010 Define & Holds Pay 3.660 3.769 7.538 \$6.600 \$7.93		Line Item	Bu	dget		Actual	١	Year end	Budget	,	Variance	2017 Variance %
11000 Salaries \$ 66,064 \$ 24,060 \$ 46,160 \$ 56,852 \$ 7.75 12010 Development & Holdsprey 3,560 3,760 7,588 5,850 9 7 12010 FICA 4,556 2,000 4,016 4,623 97 1 1,201 1 12010 Fileman Action and action a												
10100 10101 FICA Overtime & Holdkay Pay (1200) 3,769 FLA 7,888 (2006) 3,769 (4)16 7,888 (4)16 3,500 (1)17 1,281 (1)17 1,281 (1)17 <th< td=""><td></td><td></td><td>¢</td><td></td><td>۴</td><td>24.000</td><td>¢</td><td>40 400</td><td>¢ 50.000</td><td>۴</td><td>070</td><td>4 570/</td></th<>			¢		۴	24.000	¢	40 400	¢ 50.000	۴	070	4 570/
12100 FICA 4.556 2.008 4.016 4.233 67 12020 Health Insurance 8.900 3.965 7.930 101.61 1.281 1 12020 Relement 5.71 2.455 4.912 5.777 1.291			\$		\$		\$			\$	878	1.57% 0.00%
12020 Health Insurance 8,000 3,065 7,300 10,161 1,281 1 1203 EAP OPEB 17 7 14 177 - - 12030 EAP OPEB 17 7 14 177 - - 12030 Finesa Program 6.00 5.94 7.14 5.774 6.6 12030 Finesa Program 6.00 5.94 7.18 5.782 5.7250 - - 12030 Other Personnel Costs Employee Dues & Licenses \$.230 \$.116 \$.230 \$.5 .01300 1500 100 13000 Travel & Lodging 150 262 524 300 150 100 13020 Unitoms 400 2.68 9.86 2.728 \$.5 1.64 \$.2728 \$.5 .162 \$.160 \$.400 \$.300 Travel & Lodging \$.700 \$.600 \$.600 \$.600 \$.600 \$.600 \$.600 \$.600 \$.600											67	1.47%
L2026 EAP & OPEB 17 7 14 17 7 14 17 7 14 17 7 14 17 7 14 17 7 14 17 7 14 17 7 14 17 7 14 17 7 14 17 7 14 17 7 14 17 17 16 5.474 6 17 7 14 17 7 14 17 7 14 17 7 14 17 7 14 17 7 14 17 7 14 17 7 14 17 7 14 17 7 14 17 7 14 17 7 16 17 17 17 17 17 17 17 17 17 130 110 100 100 100 100 100 100 100 100 100 100 100 <th1< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>14.39%</td></th1<>												14.39%
12040 Life Insurance 740 276 552 748 6 6 12060 Fitness Program 60 6 4 66 -												0.00%
12040 Life Insurance 740 276 552 748 6 6 12060 Fitness Program 60 6 4 66 -						2,456					(397)	-6.76%
Worker's Comp Insurance 750 534 712 750 - 000 Unders's Comp Insurance 750 \$37,114 \$73,72 \$82,266 \$1,835 1300 Other Personnel Costs Employee Dues & Licenses \$230 \$118 \$73,872 \$82,266 \$1,835 1300 Cher Personnel Costs Employee Dues & Licenses \$230 \$118 \$236 \$230 \$1.66 \$250 10 1300 Trawel & Lodging 150 262 524 4000 - 10 13020 Unforms 400 266 257 400 3 0100 Recruiting & Andrais Services - - - - - 13020 Financia & Antrin, Services \$ \$1,364 \$2,728 \$ - - 12100 Avatancia & Santose - - - - - - - - - - - - - - - - -	12040	Life Insurance		740		276		552	746		6	0.81%
Subtoom \$ 00.451 \$ 37,114 \$ 73,872 \$ 02,266 \$ 1,835 1000 Other Personnel Costs Education & Training \$ 230 \$ 118 \$ 236 \$ 230 \$ 230 \$ 230 \$ 230 \$ 230 \$ 250 185 \$ 370 \$ 500 \$ 250 100 13150 Education & Training \$ 230 \$ 118 \$ 236 \$ 230 \$ 150 \$ 250 100 \$ 250 100 \$ 250 100 \$ 250 100 \$ 250 100 \$ 250 100 \$ 250 100 \$ 250 100 \$ 270 \$ 500 100 \$ 1002 \$ 1002 \$ 1002 \$ 1002 \$ 1002 \$ 1002 \$ 1002 \$ 1002 \$ 1002 \$ 1002 \$ 1002 \$ 1002 \$ 1002 \$ 100 \$ 1002 \$ 100 \$ 1002 \$ 100 \$ 1002 \$ 100 \$ 1002 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 <		5									-	0.00%
Other Personnel Costs Employee Dues & Licenses \$ 230 \$ 118 \$ 236 \$ 230 \$ 250 \$ 5 0 1300 Education & Training 250 185 370 500 150 250 165 370 100 1320 Unforms 400 262 524 300 150 10 1325 Unforms 400 266 538 400 -	12060		<u>^</u>		•		•			•	-	0.00%
13100 Employee Dues & Licenses \$ 230 \$ 118 \$ 236 \$ 230 \$ 13106 Education & Training 250 185 370 500 150 100 13200 Unforms 400 269 538 400 - - 13250 Unforms 400 269 538 400 - - 13200 Unforms 5 0 39 78 50 - - 13200 Unforms 5 1.105 \$ 901 \$ 1.505 \$ 400 3 Professional Services -		Subtotal	\$	80,451	\$	37,114	\$	73,872	\$ 82,286	\$	1,835	2.28%
13160 Education & Training 250 185 370 500 250 100 13200 Travel & Lodging 150 282 524 300 150 10 13250 Recruing & Medical Testing 250 39 78 50 - - 13320 Travel & Lodging 50 39 78 50 - - 13320 Travel & Lodging 1105 \$ 901 \$ 1.802 \$ 1.505 \$ 400 3 Value & Lodging 54 1.015 \$ 901 \$ 1.802 \$ 1.505 \$ 400 3 Value & Lodging 5 1.384 \$ 2.728 \$ \$ -	13000	Other Personnel Costs										
12200 Travel & Lodging 150 262 524 300 150 10 13250 Unforms 400 269 538 400 1 1 13326 Unforms 5 25 28 56 25 1 1 13326 Unforms 5 1.105 5 901 5 1.802 \$ 1.505 \$ 400 3 Professional Services 5 - 5 -<	13100	Employee Dues & Licenses	\$	230	\$	118	\$	236	\$ 230	\$	-	0.00%
12250 Uniforms 0 269 538 400 - - 13350 Recruing & Modeal Testing 25 28 56 25 -	13150	0		250		185		370			250	100.00%
1325 Recruiting & Medical Testing 25 28 56 25 - - 0ther 50 39 78 50 - <td< td=""><td></td><td>3 3</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>150</td><td>100.00%</td></td<>		3 3									150	100.00%
Other 50 39 78 50 - - Subtotal \$ 1,105 901 \$ 1,802 \$ 1,605 \$ 400 3 Professional Services Legal Fees \$ -											-	0.00%
Subtoolar \$ 1,105 901 \$ 1,802 \$ 1,605 \$ 400 3 Professional Services Colspan="4">Professional Services Subtoolar \$ 1,364 \$ 2,728 \$ -											-	0.00%
Professional Services Legal Fees \$ 21250Safe	13350		\$		\$		\$			\$	400	0.00%
20100 Legal Fees \$. \$ 1,364 \$ 2,728 \$. <td></td> <td></td> <td>¥</td> <td>.,</td> <td>•</td> <td></td> <td>*</td> <td>.,</td> <td>• .,</td> <td>Ŷ</td> <td></td> <td>00.207</td>			¥	.,	•		*	.,	• .,	Ŷ		00.207
20200 Financial & Admin. Services - <t< td=""><td></td><td></td><td>•</td><td></td><td>•</td><td></td><td>•</td><td></td><td></td><td>•</td><td></td><td></td></t<>			•		•		•			•		
Engineering & Technical Services - <		0	\$	-	\$	1,364	\$	2,728		\$	-	
Control Subtoted \$ 1,364 \$ 2,728 \$. \$. Other Services and Charges General Liability/Property Ins. \$ 400 \$ 438 \$ 438 \$ 470 \$ 70 1 1150 Advertising & Communication -				-		-		-			-	
Other Services and Charges 21100 General Liability/Property Ins. \$ 400 \$ 438 \$ 438 \$ 470 \$ 70 1 21150 Advertising & Communication -	20300		\$	-	\$	1,364	\$	2,728		\$	-	
21100 General Liability/Property Ins. \$ 400 \$ 438 \$ 438 \$ 470 \$ 70 1 21150 Advertising & Communication -			•					,	·			
21150 Advertising & Communication -												
21250 Watersheil Management -			\$	400	\$	438	\$	438	\$ 470	\$	70	17.50%
21252 EMS Programs/Supplies -<				-		-		-	-		-	
21253 Safety Programs/Supplies 300 389 778 800 500 16 21300 Authority Dues/Permits/Fees 2,600 2,678 2,700 2,600 - - - - - - 1,500 <				-		_						
21300 Authority Dues/Permits/Fees 2,600 2,678 2,700 2,600 - 21350 Laboratory Analysis - 3,031 6,062 1,500 1,500 2,750 1 21400 Utilities 23,250 14,166 28,332 26,000 2,750 1 21420 General Other Services -				300		389		778			500	166.67%
21350 Laboratory Analysis - 3,031 6,062 1,500 1,500 21400 Utilities 23,250 14,166 28,332 26,000 2,750 1 21420 Gevernance Support -											-	0.00%
21420 General Other Services -	21350			-		3,031		6,062	1,500		1,500	
21430 Governance Support - <td></td> <td></td> <td></td> <td>23,250</td> <td></td> <td>14,166</td> <td></td> <td>28,332</td> <td>26,000</td> <td></td> <td>2,750</td> <td>11.83%</td>				23,250		14,166		28,332	26,000		2,750	11.83%
Bad Debt				-		-		-	-		-	
Subtotal \$ 26,550 \$ 20,702 \$ 38,310 \$ 31,370 \$ 4,820 1 22000 Radio Radio \$ 350 \$ 366 \$ 366 \$ 400 \$ 50 1. 22100 Radio \$ 350 \$ 366 \$ 366 \$ 400 \$ 50 1. 22100 Cell Phones & Pagers 500 287 574 500 - 22200 Cell Phones & Pagers 500 287 5,248 \$ 3,630 \$ 1,380 6 31000 Information Technology - - \$ 650 \$ - \$ - -				-		-		-	-		-	
Communication Radio \$ 350 \$ 366 \$ 366 \$ 400 \$ 50 1 22100 Radio \$ 350 \$ 366 \$ 366 \$ 400 \$ 50 1 22100 Radio \$ 350 \$ 366 \$ 366 \$ 400 \$ 50 1 22100 Cell Phones & Pagers 500 287 574 500 - - 22200 Cell Phones & Pagers 500 287 \$ 74 500 -	21450		\$	26.550	\$	20.702	\$	38.310	\$ 31.370	\$	4.820	18.15%
22100 Radio \$ 350 \$ 366 \$ 366 \$ 400 \$ 50 1. 22150 Telephone & Data Service 1,400 2,154 4,308 2,730 1,330 9 22200 Cell Phones & Pagers 500 287 574 500 -				,				,	. ,		,	
22150 Telephone & Data Service 1,400 2,154 4,308 2,730 1,330 9 22200 Cell Phones & Pagers 500 287 574 500 - <			¢	050	^	200	^	000	A 100	٠	50	44.00%
Cell Phones & Pagers 500 287 574 500 - Subtotal \$ 2,250 \$ 2,807 \$ 5,248 \$ 3,630 \$ 1,380 6 31000 Information Technology - \$ 650 \$ - \$ - \$ 650 \$ - \$ - 31150 SCADA Maint. & Support - - 1,050 1,050 na 31150 SCADA Maint. & Support Services - 344 688 - - - 1,050 1,050 na 31250 Software Purchases 200 - - 200 - - 200 - - 3000 1,050 122 33000 Subtotal \$ 850 \$ 344 688 \$ 1,900 \$ 1,050 12 33100 Office Supplies \$ 100 \$ - \$ - \$ - - - - - - - - - - - - - - - - - - -			\$		Ф		Ф			Ф		14.29% 95.00%
Subtotal \$ 2,250 \$ 2,807 \$ 5,248 \$ 3,630 \$ 1,380 6 31000 Information Technology Computer Hardware \$ 650 \$ - \$ - \$ 650 \$ - \$ - \$ 650 \$ - \$ - \$ 650 \$ - \$ - \$ 650 \$ - \$ - \$ 650 \$ - \$ - \$ 650 \$ - \$ - \$ 650 \$ - \$ - \$ 650 \$ - \$ - \$ 650 \$ - \$ - \$ 650 \$ - \$ - \$ 650 \$ - \$ - \$ 1,050 \$ 1,050 \$ 1,050 \$ 1,050 \$ 1,050 \$ 1,050 \$ 1,050 \$ 1,050 \$ 1,050 \$ 1,050 \$ 1,050 \$ 1,050 \$ 1,050 \$ 1,050 \$ 1,050 \$ 1,200 \$ 1,050 \$ 1,200 \$ 1,050 \$ 1,200 \$ 1,050 \$ 1,050 \$ 1,050 \$ 1,050 \$ 1,050 \$ 1,050 \$ 1,050 \$ 1,050 \$ 1,050 \$ 1,050 \$ 1,050 \$ 1,050 \$ 1,050 \$ 1,050 \$ 1,050 \$ 1,050 \$ 1,050 \$ 1,050 \$ 1,050 <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>1,330</td><td>0.00%</td></t<>											1,330	0.00%
Simples Information Technology 31100 Computer Hardware \$ 650 \$ - \$ 650 \$ - 100 31150 SCADA Maint. & Support - - 1,050 1,050 1,050 na 31200 Maintenance & Support Services - 344 688 - - - 31200 Software Purchases 200 - - 200 - - 31200 Subtotal \$ 850 \$ 344 688 \$ 1,900 \$ 1,050 12 3100 Supplies \$ 100 \$ -	22200		\$		\$		\$			\$	1,380	61.33%
31100 Computer Hardware \$ 650 \$ - \$ 650 \$ - 1,050 1,050 1,050 na 31150 SCADA Maint. & Support - - 344 688 -								·				
31150 SCADA Maint. & Support - - 1,050 1,050 na 31200 Maintenance & Support Services - 344 688 - - 31250 Software Purchases 200 - - 200 - - 31250 Subtotal \$ 850 \$ 344 688 - - - 31200 Subtotal \$ 850 \$ 344 688 \$ 1,050			<u>^</u>	050	•		•		A 050	•		0.000
31200 Maintenance & Support Services - 344 688 - - 31250 Software Purchases 200 - - 200 - - 31250 Subtotal \$ 850 \$ 344 \$ 688 \$ 1,050 12 31200 Supplies \$ 100 \$ - \$ 100 \$ -			\$		\$	-	\$	-		\$	-	0.00%
31250 Software Purchases 200 - - 200 - Subtotal \$ 850 \$ 344 \$ 688 \$ 1,900 \$ 1,050 12 33000 Supplies 33100 Office Supplies \$ 100 \$ - \$ - \$ 100 \$ - 33150 Subscriptions/Reference Material - <td></td> <td></td> <td></td> <td>-</td> <td></td> <td>344</td> <td></td> <td>-</td> <td>1,050</td> <td></td> <td>1,050</td> <td>Па</td>				-		344		-	1,050		1,050	Па
Subtotal \$ 850 \$ 344 \$ 688 \$ 1,900 \$ 1,050 12 33000 Supplies 3100 Office Supplies \$ 100 \$ - \$ \$ 100 \$ - - -				200				-	200		-	0.00%
33100 Office Supplies \$ 100 \$ - \$ \$ 100 \$ - 33150 Subscriptions/Reference Material - - - - - 33150 Subscriptions/Reference Material - - - - - - - 33150 Subscriptions/Reference Material -<	0.200		\$		\$	344	\$	688		\$	1,050	123.53%
33100 Office Supplies \$ 100 \$ - \$ \$ 100 \$ - 33150 Subscriptions/Reference Material - - - - - 33150 Subscriptions/Reference Material - - - - - - - 33150 Subscriptions/Reference Material -<		o "										
33150 Subscriptions/Reference Material - -			¢	100	¢		¢		¢ 100	¢		0.00%
33350 Postage & Delivery - <td></td> <td>••</td> <td>φ</td> <td>100</td> <td>φ</td> <td>-</td> <td>φ</td> <td>-</td> <td></td> <td>φ</td> <td>-</td> <td>0.00%</td>		••	φ	100	φ	-	φ	-		φ	-	0.00%
Subtotal \$ 100 \$ - \$ 100 \$ - \$ 100 \$ - \$ 100 \$ - \$ 100 \$ - \$ 100 \$ - \$ 100 \$ - \$ 100 \$ - \$ 100 \$ - \$ 100 \$ - \$ 100 \$ - \$ 100 \$ - \$ 100 \$ - \$ 100 \$ - \$ 100 \$ - 100 \$		•		-		-		-			-	
41100 Building & Grounds \$ 4,000 \$ 1,582 \$ 3,164 \$ 12,000 \$ 8,000 20 41150 Building & Land Lease - <t< td=""><td></td><td></td><td>\$</td><td>100</td><td>\$</td><td>-</td><td>\$</td><td>-</td><td>\$ 100</td><td>\$</td><td>-</td><td>0.00%</td></t<>			\$	100	\$	-	\$	-	\$ 100	\$	-	0.00%
41100 Building & Grounds \$ 4,000 \$ 1,582 \$ 3,164 \$ 12,000 \$ 8,000 20 41150 Building & Land Lease - <t< td=""><td>44000</td><td>Operation & Maintanana</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>	44000	Operation & Maintanana										
41150 Building & Land Lease -<			\$	1 000	¢	1 590	¢	3 16/	\$ 12.000	¢	8 000	200.00%
41200 Pump Station Maintenance 7,500 120 7,500 - 41300 Dam Maintenance - - - - - 41350 Pipeline/Appurtenances 500 - - 500 -			Ψ	-,000	φ	1,002	Ψ	5,104	ψ 12,000 -	φ	0,000	200.00%
41300 Dam Maintenance -				7,500		120		7,500	7.500		-	0.00%
		Dam Maintenance		-		-		-	-		-	
41400 Materials & Supplies 5.200 372 4.000 5.200 -						-		-			-	0.00%
	41400	Materials & Supplies		5,200		372		4,000	5,200		-	0.00%

Rivanna Water and Sewer Authority Fiscal Year 2016-2017 Adopted Budget Expense Detail Rate Center: Glenmore Wastewater_

Expens	se Detail										2016	2016
Rate C	enter: Glenmore Wastewate	<u>r</u>			Current Yea	ar Ac	tivity				vs.	vs.
Object <u>Code</u>	Line Item		Adopted Budget / 2015-2016		Six Month Actual 12/31/2015		Projected Year end 6/30/2016		Adopted Budget (2016-2017	v	2017 /ariance \$	2017 Variance %
41450	Chemicals		-		-		-	1	-		-	
41500	Vehicle Maintenance		750		970		1,940		750		-	0.00%
41550	Equipment Maint. & Repair		18,000		2,955		5,910		18,000		-	0.00%
41600	Instrumentation		2,750		2,386		4,772		3,940		1,190	43.27%
41650	Fuel & Lubricants		2,800		723		2,500		3,000		200	7.14%
41700	General Other Maintenance		60,100		35,412		70,824		58,550		(1,550)	-2.58%
	Subtotal	\$	101,600	\$	44,520	\$	100,610	\$	109,440	\$	7,840	7.72%
81000 81100 81200 81250 81300	<i>Equipment Purchases</i> Small Equipment & Tools Rental & Leases Equipment (over \$5000) Vehicle Replacement Fund	\$	500 - 2,100	\$	- - 1,050	\$	- - 2,100	\$	500 - - 2,100	\$	- - -	0.00%
	Subtotal	\$	2,600	\$	1,050	\$	2,100	\$	2,600	\$	-	0.00%
95000 95100 95300 95150 95200	Allocations from Departments Administrative Allocation Engineering Allocation Maintenance Allocation Laboratory Allocation	\$	14,170 15,461 47,146 <u>5,175</u> 81,952	\$	6,954 8,038 23,009 2,504 40,505	\$	14,521 15,652 46,018 5,352 81,543	\$	16,520 16,148 45,110 5,305 83,083	\$	2,350 687 (2,036) 130 1,131	16.58% 4.44% -4.32% 2.51% 1.38%
	Gubiotai	Ψ	01,302	Ψ	+0,000	Ψ	01,040	Ψ	05,005	Ψ	1,101	1.5070
	Capital Reserve Transfers Depreciation Subtotal	\$ \$	3,000 3,000	\$ \$	- 1,500 1,500	\$	- 3,000 3,000	\$ \$	- 3,000 3,000	\$	-	0.00%
	Total	\$	300,458	\$	150,807	\$	309,901	\$	318,914	\$	18,456	6.14%

Г

Rivanna Water & Sewer Authority FY 2017 Adopted Budget

Scottsville Wastewater Summary			F١	′ 2016				Adopted	
		Budgeted FY 2016		Actual for 6 months		Projected I2 months		Budget FY 2017	Budget % Change
Projected Flow (MGD)		0.061						0.055	
Operations Budget							I		
Projected Revenues									
Operations Rate (monthly)	\$	20,241					\$	21,173	4.60%
Revenue	\$	247,116	\$	123,558	\$	247,116	\$	254,076	2.82%
Interest Allocation		100		78		156		100	0.00%
Total Operations Revenues	\$	247,216	\$	123,636	\$	247,272	\$	254,176	2.82%
Projected Expenses									
Personnel Cost	\$	81,606	\$	38,260	\$	76,162	\$	83,741	2.62%
Professional Services	÷	-	Ŧ		Ŧ	-	Ŧ	-	
Other Services and Charges		18,700		10,818		20,817		22.700	21.39%
Communications		2,550		1,832		3,076		2,600	1.96%
Information Technology		850		200		950		1,800	111.76%
Supplies		100		-		-		100	0.00%
Operations and Maintenance		46,095		10,363		30,898		47,990	4.11%
Equipment Purchases		6,100		1,050		2,100		2,600	-57.38%
Depreciation		16,000		8,000		16,000		16,000	0.00%
Subtotal before allocations	\$	172,001	\$	70,523	\$	150,003	\$	177,531	3.22%
Allocations of Support Depts.		75,217		37,218		74,969		76,639	1.89%
Total Operations Expenses	\$	247,218	\$	107,741	\$	224,972	\$	254,170	2.81%
Operations Cost per 1000 gallons		\$11.103						\$12.661	114.03%
Debt Service Budget									
Projected Revenue									
Debt Service Rate (monthly)	\$	832					\$	768	-7.69%
Debt Service Rate Revenue - ACSA	\$	9,988	\$	4,992	\$	9,984	\$	9,211	-7.78%
Trust Fund Interest		200		250	•	500	•	500	150.00%
Reserve Fund Interest		100		86		172		100	0.00%
Total Debt Service Revenue	\$	10,288	\$	5,328	\$	10,656	\$	9,811	-4.64%
Driveline Linterest 9 December									
Principal, Interest & Reserves	•	0.004	•	4.044	•	0.000	•	0.744	4.400/
Total Principal & Interest	\$	9,821	\$	4,911	\$	9,822	\$	9,711	-1.12%
Estimated New Principal & Interest		367		184		368		-	0.000/
Reserve Additions-Interest	¢	100 10,288	\$	86 5,181	\$	172 10,362	\$	100 9,811	0.00% - 4.64%
Total Debt Principal and Interest	\$	10,200	φ	5,161	φ	10,362	φ	9,811	-4.04%
			_		_		_		
Total Revenues		ate Center Sun 257,504		ry 128,964	\$	257,928	\$	263,987	2.52%
Total Expenses	Ψ	257,506	Ψ	112,922	Ψ	235,334	Ψ	263,981	2.51%
Surplus/ (Deficit)	\$	(2)	\$	16,042	\$	22,594	\$	6	
Rates (Monthly)									

Rivanna Water and Sewer Authority Fiscal Year 2016-2017 Adopted Budget E

Bate Contex: Societs ville Wastewater Gene Current Year Activity vs. Statise & Benefits vs. Adopted Budget 12010 vs. Statise & Benefits v		se Detail			·						2016	2016
Object Line tem Project Actual Yase end Purget Variance S 10000 Salarise & Banefits \$ 56,054 \$ 2,227 \$ 4,8514 \$ 95,002 \$ 7,7632 \$ 95,071 \$ 7,7632 \$ 7,7632 \$ 7,7632 \$ 7,763 \$ 7,763 \$ 7,763 \$ 7,763 \$ 7,763 \$ 7,763 \$ 7,763 \$ 7,763 \$ 7,763 \$ 7,763 \$ 7,763 \$ 7,763 \$ 7,763 \$ 7,763 \$ \$ \$ \$ 2,002 \$	Rate C	Center: Scottsville Wastewa	ter			Current Yea	ar Acti	vity			vs.	vs.
11000 Sataries S 66.04 S 22.267 S 46.514 S 55.322 S 77 11000 Continue A Indiany Pay 3.560 2.022 4.044 4.052 -	-	Line Item		Budget		Actual	Y	ear end	Budget		Variance	2017 Variance %
11010 Overline & Holiday Pay 3,800 3,791 7,882 3,500 - 12010 FTA 4,556 2,022 4,944 4,023 67 12020 FTA 64,000 4,005 8,010 10,181 1,281 12020 FTA 64,0 2,473 4,912 5,277 (97) 12020 FTA 64,0 2,476 4,912 5,775 6 12050 Fines Program 750 5,37 7,16 7,750 - 12050 Fines Program 50,0 5,37 7,16 7,750 - 13100 Cotter Personnel Costs 5 3,456 5,73,8 7,458 5,200 \$ 13100 Exclusion & Training 1400 269 533 2,000 \$ 13252 Recruing & Medical Testing - 2,800 \$ 1,450 3,000 13261 Stabutat \$ 1,150 9,000 \$ 1,450 3,000 <	10000	Salaries & Benefits										
1200 FICA 4.556 2.022 4.044 4.623 F.7 12020 Health Insurance 8.900 4.005 8.0140 1.281 12020 Health Insurance 8.970 4.011 1.281 1.281 12020 Heatment 5.974 2.465 4.972 5.62 7.646 6 12060 Worker's Comp Insurance 750 5.77 76 6 7765 - 12000 Textories 8.00.456 8 37.380 8 74.342 8 2.281 \$ 1.835 13000 Entypice Dues & Licenses 5 300 \$ 118 \$ 2.38 \$ 300 \$ - \$ - \$ 1.835 13000 Entypice Dues & Licenses 1.300 \$ 1184 3.388 \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ <td< td=""><td>11000</td><td>Salaries</td><td>\$</td><td>56,054</td><td>\$</td><td>24,257</td><td>\$</td><td>48,514</td><td>\$ 56,932</td><td>\$</td><td>878</td><td>1.57%</td></td<>	11000	Salaries	\$	56,054	\$	24,257	\$	48,514	\$ 56,932	\$	878	1.57%
12020 Health Insurance 8.900 4.005 6.010 11.81 1.281 12026 EAP & OPEB 17 7 14 17.77 14 12030 Life Insurance 5.874 2.456 4.912 5.777 (877) 12060 Mores Comp Insurance 750 5.87 716 765 746 6 12060 Mores Comp Insurance 750 5.97 716 765 746 6 12060 Mores Comp Insurance 750 60.466 \$ 37.800 \$ 74.802 \$ 6.82.291 \$ 1.835 13000 Other Personal Costs 7 7 14 3.83 400 > 1.835 400 > 1.835 400 > 1.835 400 > 1.835 400 > 1.835 400 > 1.835 400 > 1.835 1.800 \$ 1.800 \$ 1.835 400 <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>-</td><td>0.00%</td></t<>											-	0.00%
12026 EAP & OPEB 17 7 14 17 - 12030 Retinent 5.874 2.456 4.912 5.277 (877) 12040 Itele Insurance 740 2.76 5522 7.46 6 12060 Filtesse Program Subtensi \$ 0.0456 \$ 7.16 7.56 . 12060 Filtesse Program Subtensi \$ 0.0456 \$ 7.16 7.50 . 12000 Filtesse Program Subtensi \$ 0.00 \$ 1.838 \$ 2.00 1.84 3.86 \$ 0.00 2.00 1.84 3.86 \$ 0.00 2.00 1.84 3.86 \$ 0.00 . <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>1.47%</td></t<>												1.47%
12030 Reitement 5.874 2.456 4.912 $\overline{5.472}$ (97) 12040 Life Insuance 740 276 55 745 65 - 12000 Warker Comp Insuance 755 537 716 765 - - 12000 Warker Comp Insuance 750 537 714 74362 \$ 82.291 \$ 1335 13000 Three Personnel Coots - - 74362 \$ 82.291 \$ 1335 13100 Travel & Lodging 150 262 524 $\overline{250}$ 1000 13200 Travel & Lodging 150 262 524 $\overline{250}$ 1000 13200 Unform 400 266 53 $\overline{400}$ 3 $\overline{777}$ $\overline{100}$ $\overline{777}$ $\overline{100}$ <td></td> <td>1,281</td> <td>14.39% 0.00%</td>											1,281	14.39% 0.00%
12040 Life Insurance 740 276 552 746 765 12000 Filess Program 750 537 716 750 - 12000 Filess Program 80.456 \$1.805 74.86 \$2.82.291 \$1.835 13000 Other Personnel Costs Employee Dues & Licentees \$3.00 \$1184 \$2.86 \$4.000 \$2.00 13100 Edication & Training 200 158 \$4.000 \$2.00 13222 Reruling & Medical Testing 400 266 53.8 4.000 1.00 13225 Reruling & Medical Testing 1.00 39 7.6 1.00 . 13200 Frofessional Services											- (397)	-6.76%
12000 Fileses Frogram 65 9 18 65 9 18 65 - 12000 Subtobul \$ 80.455 \$ 37.360 \$ 74.362 \$ 82.291 \$ 1.835 13100 Enployee Duse & Licemeses \$ 300 \$ 118 \$ 228 \$ 3000 \$ - 13100 Enployee Duse & Licemese \$ 300 \$ 118 \$ 228 \$ 300 \$ - 13100 Envices 100 239 57 100 -											· · · ·	0.81%
Subtool Southored											-	0.00%
Other Personnel Costs Imployee Dues & Liceness \$ 300 \$ 118 \$ 236 \$ 300 \$ - 13100 Employee Dues & Liceness \$ 300 \$ 118 \$ 236 \$ 300 \$ - 200 13200 Uniforms Kudication & Training 150 262 524 220 100 13250 Uniforms Kudicati Testing - 28 58 - </td <td>12060</td> <td>· · · · · · · · · · · · · · · · · · ·</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>-</td> <td>0.00%</td>	12060	· · · · · · · · · · · · · · · · · · ·									-	0.00%
13100 Employee Dues & Licenses \$ 300 \$ 118 \$ 226 \$ 300 \$ - 13150 Education & Training 200 144 368 \$ 400 \$ 200 13200 Unforms 400 262 524 \$ 400 - 13250 Unforms Modical Testing - 28 56 400 - 13350 Other Subtotal \$ 1.150 \$ 900 \$ 1.800 \$ 4.800 - <t< td=""><td></td><td>Subtotal</td><td>\$</td><td>80,456</td><td>\$</td><td>37,360</td><td>\$</td><td>74,362</td><td>\$ 82,291</td><td>\$</td><td>1,835</td><td>2.28%</td></t<>		Subtotal	\$	80,456	\$	37,360	\$	74,362	\$ 82,291	\$	1,835	2.28%
13150 Education A Training 200 184 368 400 200 13200 Travel & Lodging 150 262 538 400 100 13250 Tarvel & Lodging 100 39 78 1000 - 13250 Terruling & Medical Testing 100 39 78 1000 - Other Subbinit \$ 1,150 900 \$ 1,460 \$ 3000 Professional Services -	13000	Other Personnel Costs										
13200 Travel & Lodging 150 262 524 4250 100 13250 Unforms Medical Testing - 28 66 400 - 13250 Unforms Subtotal \$ 1,150 \$ 900 \$ 1,800 \$ 1,450 \$ 300 20100 Legal Fees \$ - \$ - \$ - \$ - \$ - <td< td=""><td></td><td></td><td>\$</td><td>300</td><td>\$</td><td>118</td><td>\$</td><td>236</td><td>\$ 300</td><td>\$</td><td>-</td><td>0.00%</td></td<>			\$	300	\$	118	\$	236	\$ 300	\$	-	0.00%
13250 Unforms 400 269 538 400 - 13252 Recruining & Medical Testing 1 100 39 78 100 -	13150	Education & Training		200		184					200	100.00%
13250 Recruiting Medical Testing - 28 56 13350 Other Subtotal \$ 1.150 \$ 900 \$ 1.450 \$ 300 2000 Legal Fees \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - - - \$ -		00									100	66.67%
13350 Other 100 39 78 100 - Stubitorial \$ 1,150 \$ 900 \$ 1,800 \$ 1,450 \$ 300 Professional Services - \$ - \$ - \$ - <td></td> <td></td> <td></td> <td>400</td> <td></td> <td></td> <td></td> <td></td> <td>400</td> <td></td> <td>-</td> <td>0.00%</td>				400					400		-	0.00%
Subtotal \$ 1,150 \$ 900 \$ 1,460 \$ 300 20100 Legal Fees \$		a		- 100					- 100		-	0.00%
20100 Legal Fees \$	10000		\$		\$		\$			\$	300	26.09%
20100 Legal Fees \$ 21300 <												
20200 Financial & Admin. Services - <t< td=""><td>00400</td><td></td><td>•</td><td></td><td>•</td><td></td><td>•</td><td></td><td>•</td><td>•</td><td></td><td></td></t<>	00400		•		•		•		•	•		
Engineering & Technical Services - <		5	\$	-	\$	-	\$	-		\$	-	
Subtotal \$ 21200Conutonicatio				-		-		-			-	
21100 General Liability/Property Ins. \$ 800 \$ 819 \$ 800 \$ 819 \$ 800 \$ -<	20000		\$	-	\$	-	\$	-	\$-	\$	-	
21100 General Liability/Property Ins. \$ 800 \$ 819 \$ 800 \$ 819 \$ 800 \$ -<												
21150 Advertising & Communication -	21100		¢	800	¢	810	¢	910	¢ 900	¢		0.00%
21250 Watersheid Management -			Ф	800	Ф	819	Ф	819	\$ 800	\$	-	0.00%
21252 EMS Programs/Supplies -				-		-		_	-		-	
21300 Authority Dues/Permis/Fees 2,600 2,678 5,368 2,600 4,000 21350 Laboratory Analysis - - - 4,000 4,000 21400 Utilities 15,000 7,058 14,116 15,000 - 21420 General Other Services - - - - - - 21430 Governance Support - <td></td> <td></td> <td></td> <td>-</td> <td></td> <td>-</td> <td></td> <td>-</td> <td>-</td> <td></td> <td>-</td> <td></td>				-		-		-	-		-	
21360 Laboratory Analysis 1 1 4.000 4.000 21400 Utilities 15,000 7,058 14,116 15,000 - 21420 General Other Services - - - - - - 21430 Governance Support - <				300				526			-	0.00%
21400 Utilities 15,000 7,058 14,116 15,000 - 21420 General Other Services -				2,600		2,678		5,356			-	0.00%
21420 General Other Services -				-		-		-			4,000	0.000/
21430 Governance Support - <td></td> <td></td> <td></td> <td>15,000</td> <td></td> <td>7,058</td> <td></td> <td>- 14,110</td> <td>- 15,000</td> <td></td> <td>-</td> <td>0.00%</td>				15,000		7,058		- 14,110	- 15,000		-	0.00%
21450 Bad Debt - <t< td=""><td></td><td></td><td></td><td>-</td><td></td><td>-</td><td></td><td>-</td><td>-</td><td></td><td>-</td><td></td></t<>				-		-		-	-		-	
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	21450			-		-		-	-		-	
22100 Radio \$ 350 \$ 588 \$ 588 \$ 400 \$ 50 22150 Telephone & Data Service 1,700 967 1,934 1,700 - Cell Phones & Pagers 500 277 554 500 - . 31000 Information Technology .		Subtotal	\$	18,700	\$	10,818	\$	20,817	\$ 22,700	\$	4,000	21.39%
22100 Radio \$ 350 \$ 588 \$ 588 \$ 400 \$ 50 22150 Telephone & Data Service 1,700 967 1,934 1,700 - Cell Phones & Pagers 500 277 554 500 - . 31000 Information Technology .	22000	Communication										
22200 Cell Phones & Pagers 500 277 554 500 - Subtotal \$ 2,550 \$ 1,832 \$ 3,076 \$ 2,600 \$ 50 31000 Information Technology Computer Hardware \$ 650 \$ - \$ 550 \$ 700 \$ 50 31100 Computer Hardware \$ 650 \$ - \$ 550 \$ 700 \$ 50 31100 ScADA Maint. & Support - - 8850 850 850 31200 Maintenance & Support Services - 200 400 - - 31250 Subtotal \$ 850 \$ 200 \$ 950 \$ 1,800 \$ 950 33000 Supplies \$ 100 \$ - \$ - \$ - -			\$	350	\$	588	\$	588	\$ 400	\$	50	14.29%
Subtotal \$ 2,550 \$ 1,832 \$ 3,076 \$ 2,600 \$ 50 31000 Information Technology Computer Hardware \$ 650 \$ - \$ 550 \$ 700 \$ 50 31100 Computer Hardware \$ 650 \$ - \$ 550 \$ 700 \$ 50 31150 SCADA Maint. & Support - - 200 400 - - - 850 850 31200 Maintenance & Support Services - 200 400 -				1,700		967		1,934	1,700		-	0.00%
31000 Information Technology 31100 Computer Hardware \$ 650 \$ - \$ 550 \$ 700 \$ 50 31150 SCADA Maint, & Support - - - - 850 850 31150 SCADA Maint, & Support Services - 200 400 - </td <td>22200</td> <td></td> <td>•</td> <td></td> <td>•</td> <td></td> <td>•</td> <td></td> <td></td> <td>-</td> <td>-</td> <td>0.00%</td>	22200		•		•		•			-	-	0.00%
31100 Computer Hardware \$ 650 \$ - \$ 550 \$ 700 \$ 50 31150 SCADA Maint. & Support - - 850 850 850 31200 Maintenance & Support Services - 200 400 - - - 31250 Software Purchases 200 - - 250 50 3000 Subtotal \$ 850 \$ 200 \$ 950 \$ 1,800 \$ 950 3000 Office Supplies \$ 100 \$ - \$ -		Subtotal	\$	2,550	\$	1,832	\$	3,076	\$ 2,600	\$	50	1.96%
31100 Computer Hardware \$ 650 \$ - \$ 550 \$ 700 \$ 50 31150 SCADA Maint. & Support - - 850 850 850 31200 Maintenance & Support Services - 200 400 - - - 31250 Software Purchases 200 - - 250 50 3000 Subtotal \$ 850 \$ 200 \$ 950 \$ 1,800 \$ 950 3000 Office Supplies \$ 100 \$ - \$ -	31000	Information Technology										
31200 Maintenance & Support Services - 200 400 - - - - 250 50 31250 Software Purchases 200 - - 250 50 50 31250 Subtotal \$ 850 \$ 200 \$ 950 \$ 1,800 \$ 950 33000 Supplies Subscriptions/Reference Material - \$ \$ -			\$	650	\$	-	\$	550	\$ 700	\$	50	7.69%
31250 Software Purchases 200 - - 250 50 33100 Subtotal \$ 850 \$ 200 \$ 950 \$ 1,800 \$ 950 33000 Supplies \$ 100 \$ - \$ 100 \$ - 33100 Office Supplies \$ 100 \$ - \$ - \$ - \$ - \$ - 3100 \$ -				-				-	850		850	na
Subtotal \$ 850 \$ 200 \$ 950 \$ 1,800 \$ 950 33000 Supplies \$ 100 \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -				-		200		400	-		-	05.000/
33000 Supplies 33100 Office Supplies \$ 100 \$ - \$ - \$ 100 \$ - 33150 Subscriptions/Reference Material - </td <td>31250</td> <td></td> <td>\$</td> <td></td> <td>\$</td> <td>- 200</td> <td>\$</td> <td>950</td> <td></td> <td>\$</td> <td></td> <td>25.00% 111.76%</td>	31250		\$		\$	- 200	\$	950		\$		25.00% 111.76%
33100 Office Supplies \$ 100 \$ - \$ 100 \$ - 33150 Subscriptions/Reference Material -		Subida	Ψ	000	Ψ	200	Ψ	300	φ 1,000	Ψ	330	111.7070
33150 Subscriptions/Reference Material -	33000	Supplies										
33350 Postage & Delivery - <td></td> <td>••</td> <td>\$</td> <td>100</td> <td>\$</td> <td>-</td> <td>\$</td> <td>-</td> <td>\$ 100</td> <td>\$</td> <td>-</td> <td>0.00%</td>		••	\$	100	\$	-	\$	-	\$ 100	\$	-	0.00%
Subtotal \$ 100 \$ - \$ - \$ 100 \$ - \$ 100 \$ - \$ 100 \$ - \$ 100 \$ - \$ 100 \$ - \$ 100 \$ - \$ 100 \$ - \$ 100 \$ - \$ 100 \$ - \$ 100 \$ - \$ 100 \$ - \$ 100 \$ - \$ 100 \$ - \$ 100 \$ - \$ 100 \$ - \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100		•		-		-		-	-		-	
41000 Operation & Maintenance 41100 Building & Grounds \$ 6,000 \$ 1,896 \$ 3,792 \$ 6,000 \$ - 41150 Building & Land Lease -	33350	ž í	\$		\$	-	\$		\$ 100	\$		0.00%
41100 Building & Grounds \$ 6,000 \$ 1,896 \$ 3,792 \$ 6,000 \$ - 41150 Building & Land Lease - <					•							
41150 Building & Land Lease - 14/4/4/4/4/4/4/4/4/4/4/4/4/4/4/4/4/4		•					-		· · · · · ·	~		
41200 Pump Station Maintenance 10,500 60 6,400 10,500 - 41300 Dam Maintenance -		0	\$	6,000	\$	1,896	\$	3,792	\$ 6,000	\$	-	0.00%
41300 Dam Maintenance - - - - 41350 Pipeline/Appurtenances 500 - - 500 - 41400 Materials & Supplies 1,350 1,828 3,656 1,500 150 41450 Chemicals 5,300 - - 5,300 -				- 10 500		-		- 6 400	- 10 500		-	0.00%
41350 Pipeline/Appurtenances 500 - - 500 - 41400 Materials & Supplies 1,350 1,828 3,656 1,500 150 41450 Chemicals 5,300 - - 5,300 -		•				-			-		-	0.0070
41450 Chemicals 5,300 5,300 -				500		-		-	500		-	0.00%
		Materials & Supplies				1,828		3,656			150	11.11%
41500 venicle Maintenance 750 1,146 2,292 750 -						-		-				0.00%
	41500	Vehicle Maintenance		750		1,146		2,292	750		-	0.00%

Rivanna Water and Sewer Authority Fiscal Year 2016-2017 Adopted Budget Expense Detail

Expen	se Detail										2016	2016
Rate C	Center: Scottsville Wastewat	er			Current Yea	ır Ac	tivity				vs.	vs.
Object <u>Code</u>	Line Item		Adopted Budget ⁄ 2015-2016		Six Month Actual 2/31/2015		Projected Year end 6/30/2016	F	Adopted Budget Y 2016-2017	,	2017 Variance \$	2017 Variance %
41550 41600 41650 41700	Equipment Maint. & Repair Instrumentation Fuel & Lubricants General Other Maintenance		4,875 6,220 2,200 8,400		285 1,173 269 3,706		4,000 2,346 1,000 7,412		8,000 6,220 220 9,000		3,125 - (1,980) 600	64.10% 0.00% -90.00% 7.14%
	Subtotal	\$	46,095	\$	10,363	\$	30,898	\$	47,990	\$	1,895	4.11%
81000 81100 81200 81250	Equipment Purchases Small Equipment & Tools Rental & Leases Equipment (over \$5000)	\$	4,000	\$	-	\$	-	\$	500	\$	(3,500)	-87.50%
81300	Vehicle Replacement Fund		2,100		1,050		2,100		2,100		-	0.00%
	Subtotal	\$	6,100	\$	1,050	\$	2,100	\$	2,600	\$	(3,500)	-57.38%
95000 95100 95300 95150 95200	Allocations from Departments Administrative Allocation Engineering Allocation Maintenance Allocation Laboratory Allocation	\$	14,170 15,461 40,411 5,175	\$	6,954 8,038 19,722 2,504	\$	14,521 15,652 39,444 5,352	\$	16,520 16,148 38,666 5,305	\$	2,350 687 (1,745) 130	16.58% 4.44% -4.32% 2.51%
	Subtotal	\$	75,217	\$	37,218	\$	74,969	\$	76,639	\$	1,422	1.89%
	Capital Reserve Transfers Depreciation Subtotal	\$	- 16,000 16,000	\$ \$	- 8,000 8,000	\$ \$	- 16,000 16,000	\$ \$	- 16,000 16,000	\$	-	0.00%
	Total	\$	247,218	\$	107,741	\$	224,972	\$	254,170	\$	6,952	2.81%

Support Departments

Fiscal Year 2016-2017

Rivanna Water and Sewer Authority

Rivanna Water & Sewer Authority FY 2017 Adopted Budget

Administration		FY 2016		Adopted	
	Budgeted FY 2016	Actual for 6 months	Projected 12 months	Budget FY 2017	Budget % Change
Operations Budget					
Projected Revenues					
Payment for Services SWA	\$ 299,000	\$ 149,500	\$ 299,000	\$ 328,000	9.70%
Miscellaneous Revenue	1,000	17,166	17,166	1,000	0.00%
Total Operations Revenues	\$ 300,000	\$ 166,666	\$ 316,166	\$ 329,000	9.67%
Projected Expenses					
Personnel Cost	\$ 1,226,810	\$ 619,304	\$ 1,231,189	\$ 1,503,824	22.58%
Professional Services	168,650	125,858	233,658	190,000	12.66%
Other Services and Charges	116,600	42,552	112,776	114,280	-1.99%
Communications	18,260	9,691	18,284	18,510	1.37%
Information Technology	124,800	38,849	114,436	96,700	-22.52%
Supplies	24,400	7,068	19,654	20,900	-14.34%
Operations and Maintenance	31,200	15,146	31,042	30,500	-2.24%
Equipment Purchases	6,250	3,636	7,272	6,250	0.00%
Depreciation	 -	-	-	-	
Total Operations Expenses	\$ 1,716,970	\$ 862,104	\$ 1,768,311	\$ 1,980,964	15.38%

Total Revenues		\$ 300,000	\$ 166,666	\$ 316,166	\$ 329,000	9.67%
Total Expenses		 1,716,970	 862,104	 1,768,311	 1,980,964	15.38%
Net Costs Allocable to Rate Centers		\$ (1,416,970)	\$ (695,438)	\$ (1,452,145)	\$ (1,651,964)	16.58%
Allocations to the Rate Centers						
Urban Water	44.00%	\$ 623,467	\$ 305,993	\$ 638,944	\$ 726,864	
Crozet Water	4.00%	56,679	27,818	58,086	66,079	
Scottsville Water	2.00%	28,339	13,909	29,043	33,039	
Urban Wastewater	48.00%	680,146	333,810	697,030	792,943	
Glenmore Wastewater	1.00%	14,170	6,954	14,521	16,520	
Scottsville Wastewater	1.00%	14,170	6,954	14,521	16,520	
	100.00%	\$ 1,416,971	\$ 695,438	\$ 1,452,145	\$ 1,651,965	

Rivanna Water and Sewer Authority Fiscal Year 2016-2017 Adopted Budget Expense Detail <u>Department: Administration</u>

	ear 2016-2017 Adopted Bud	gei	í.							<u> </u>	0010	0040
Expense					a						2016	2016
Departm	ent: Administration	<u> </u>			Current Ye	ar Ao	-	<u> </u>			VS.	VS.
Object <u>Code</u>	Line Item	F١	Adopted Budget (2015-2016		Six Month Actual 12/31/2015		Projected Year end 6/30/2016	F	Adopted Budget Y 2016-2017		2017 Variance \$	2017 Variance %
10000	Salaries & Benefits											
11000	Salaries	\$	917,000	\$	454,374	\$	908,748	\$	1,121,020	\$	204,020	22.25%
11010	Overtime & Holiday Pay	·	700		-		-		700		-	0.00%
12010	FICA		70,204		30,024		60,048		85,812		15,608	22.23%
12020	Health Insurance		102,900		60,814		121,628		136,440		33,540	32.59%
12026 12030	EAP & OPEB Retirement		200 96,102		93 47,316		186 94,632		250 109,317		50 13,215	25.00% 13.75%
12030	Life Insurance		96,102 12,104		5,332		94,632 10,664		14,685		2,581	21.32%
12050	Fitness Program		2,000		1,298		2,596	-	2,500		500	25.00%
12060	Worker's Comp Insurance		600		433		577		600		-	0.00%
	Subtotal	\$	1,201,810	\$	599,684	\$	1,199,079	\$	1,471,324	\$	269,514	22.43%
12000	Other Personnel Costs											
13000 13100	Employee Dues & Licenses	\$	2,000	\$	1,347	\$	2,694	\$	3,000	\$	1,000	50.00%
13150	Education & Training	φ	10,000	φ	6,199	φ	12,398	φ	14,000	φ	4,000	40.00%
13200	Travel & Lodging		4,000		2,617		5,234		4,500		500	12.50%
13250	Uniforms		-		300		600		500		500	
13325	Recruiting & Medical Testing		2,000		1,592		3,184		2,500		500	25.00%
13350	Other		7,000		7,565		8,000		8,000		1,000	14.29%
	Subtotal	\$	25,000	\$	19,620	\$	32,110	\$	32,500	\$	7,500	30.00%
	Professional Services											
20100	Legal Fees	\$	75,000	\$	59,849	\$	119,698	\$	75,000	\$	-	0.00%
20200	Financial & Admin. Services		93,650		47,730		95,460		85,000		(8,650)	-9.24%
20300	Engineering & Technical Services		-		18,279		18,500		30,000		30,000	
	Subtotal	\$	168,650	\$	125,858	\$	233,658	\$	190,000	\$	21,350	12.66%
	Other Services and Charges											
21100	General Liability/Property Ins.	\$	16,000	\$	15,126	\$	15,126	\$	16,400	\$	400	2.50%
21150	Advertising & Communication	•	15,000	•	4,677	•	15,000	-	12,000	+	(3,000)	-20.00%
21250	Watershed Management		-		-		-		-		-	
21252	EMS Programs/Supplies		-		1,680		3,360		-		-	
21253	Safety Programs/Supplies		16,000		1,126		12,000		12,000		(4,000)	-25.00%
21300	Authority Dues/Permits/Fees		36,100		17,297		34,594		32,500		(3,600)	-9.97%
21350	Laboratory Analysis		-		-		-		-		-	40.000/
21400 21420	Utilities General Other Services		800 2,700		480 868		960 1,736		880 2,500		80	10.00% -7.41%
21420	Governance Support		30,000		1,298		30,000		38,000		(200) 8,000	26.67%
21450	Bad Debt				-		- 00,000		00,000		- 0,000	20.0770
	Subtotal	\$	116,600	\$	42,552	\$	112,776	\$	114,280	\$	(2,320)	-1.99%
00000												
22000 22100	Communication Radio	\$	1,060	\$	1,098	\$	1,098	\$	1,210	\$	150	14.15%
22150	Telephone & Data Service	Ψ	13,200	Ψ	6,488	Ψ	12,976	Ψ	13,500	Ψ	300	2.27%
22200	Cell Phones & Pagers		4,000		2,105		4,210		3,800		(200)	-5.00%
	Subtotal	\$	18,260	\$	9,691	\$	18,284	\$	18,510	\$	250	1.37%
0.000												
31000	Information Technology	۴	00.000	¢	40.040	^	00.000	^	00.000	¢		0.000/
31100 31150	Computer Hardware SCADA Maint. & Support	\$	22,000	\$ \$	10,343	\$	20,686	\$	22,000	\$	-	0.00% na
31200	Maintenance & Support Services		90,000	φ	- 26,631		- 90,000		61,700		- (28,300)	-31.44%
31250	Software Purchases		12,800		1,875		3,750		13,000		200	1.56%
	Subtotal	\$	124,800	\$	38,849	\$	114,436	\$	96,700	\$	(28,100)	-22.52%
33000	Supplies	•	45.000	•	0.070	•	10.110		10 500	•	(0.500)	10.070
33100 33150	Office Supplies	\$	15,000	\$	6,070 257	\$	12,140 514	\$	12,500 1,400	\$	(2,500)	-16.67% 0.00%
33350	Subscriptions/Reference Material Postage & Delivery		1,400 8,000		741		7,000		7,000		(1,000)	-12.50%
00000	Subtotal	\$	24,400	\$		\$	19,654	\$	20,900	\$	(3,500)	-14.34%
41000	Operation & Maintenance											
41100	Building & Grounds	\$	27,000	\$	12,969	\$	26,688	\$	27,000	\$	-	0.00%
41150	Building & Land Lease		-		-		-	-	-		-	
41200 41300	Pump Station Maintenance Dam Maintenance		-		-		-	-	-		-	
41300 41350	Pipeline/Appurtenance		-		-		-	-			_	
41400	Materials & Supplies		- 1,000		- 274		- 548	⊢	800		(200)	-20.00%
41450	Chemicals		-				-	-	-		-	
41500	Vehicle Maintenance		1,200		1,329		2,658		1,200		-	0.00%

Rivanna Water and Sewer Authority Fiscal Year 2016-2017 Adopted Budget Expense Detail Department: Administration

Expense	Detail									2016	2016
Departm	ent: Administration			Current Ye	ar Ac	tivity				vs.	vs.
Object <u>Code</u>	Line Item	Adopted Budget <u>FY 2015-20</u>		Six Month Actual 2/31/2015		Projected Year end 6/30/2016	F	Adopted Budget Y 2016-2017	,	2017 Variance \$	2017 Variance %
41550 41600 41650 41700	Equipment Maint. & Repair Instrumentation Fuel & Lubricants General Other Maintenance	2,0	- - 000	- - 574		- - 1,148 -		- - 1,500 -		- - (500) -	-25.00%
11100	Subtotal	\$ 31,2	200	\$ 15,146	\$	31,042	\$	30,500	\$	(700)	-2.24%
81000 81100 81200 81250 81300	<i>Equipment Purchases</i> Small Equipment & Tools Rental & Leases Equipment (over \$5000) Vehicle Replacement Fund	\$	- - 250	\$ 511 - - 3,125	\$	1,022 - - 6,250	\$	- - - 6,250	\$	- - -	0.00%
	Subtotal	\$ 6,2	250	\$ 3,636	\$	7,272	\$	6,250	\$	-	0.00%
95000 95100 95300 95150 95200	Allocations from Departments Administrative Allocation Engineering Allocation Maintenance Allocation Laboratory Allocation	\$	- - -	\$ - - -	\$	- - -	\$	- - - -	\$	- - -	
	Subtotal	\$	-	\$ -	\$	-	\$	-	\$	-	
	Capital Reserve Transfers Depreciation Subtotal	\$		\$ -	\$		\$	-	\$	-	
	Total	\$ 1,716,9	70	\$ 862,104		1,768,311	\$	1,980,964	\$	263,994	15.38%

Rivanna Water & Sewer Authority FY 2017 Adopted Budget

Maintenance		F١	2016		1	Adopted	
	Budgeted FY 2016		Actual for 6 months	Projected 12 months		Budget FY 2017	Budget % Change
Operations Budget	112010]				112017	
Projected Revenues Miscellaneous Revenue	\$ 5,000	\$	1,756	\$ 3,512	\$	-	-100.00%
Total Operations Revenues	\$ 5,000	\$	1,756	\$ 3,512	\$	-	-100.00%
Projected Expenses							
Personnel Cost Professional Services	\$ 1,129,261 -	\$	516,188 17,000	\$ 1,025,607 17,000	\$	1,094,843 -	-3.05%
Other Services and Charges	14,000		12,163	15,070		13,800	-1.43%
Communications Information Technology	14,800 33,000		10,158 12,353	598 25,270		15,230 6,000	2.91% 81.82%-
Supplies Operations and Maintenance	500 67,480		250 39,033	500 73,370		500 64,830	0.00% -3.93%
Equipment Purchases Depreciation	93,000		52,009	95,550		93,650	0.70%
Total Operations Expenses	\$ 1,352,041	\$	659,154	\$ 1,252,965	\$	1,288,853	-4.67%

		D	epartment Su	mma	ary		
Total Revenues		\$	5,000	\$	1,756	\$ 3,512	\$ -
Total Expenses			1,352,041		659,154	1,252,965	1,288,853
Net Costs Allocable to Rate Centers		\$	(1,347,041)	\$	(657,398)	\$ (1,249,453)	\$ (1,288,853)
Allocations to the Rate Centers							
Urban Water	30.00%	\$	404,112	\$	197,219	\$ 394,438	\$ 386,656
Crozet Water	3.50%		47,146	\$	23,009	46,018	45,110
Scottsville Water	3.50%		47,146	\$	23,009	46,018	45,110
Urban Wastewater	56.50%		- 761,078	\$	371,430	742,860	728,202
Glenmore Wastewater	3.50%		47,146		23,009	46,018	45,110
Scottsville Wastewater	3.00%		40,411		19,722	39,444	38,666
	100.00%	\$	1,347,039	\$	657,398	\$ 1,314,796	\$ 1,288,854

Rivanna Water and Sewer Authority Fiscal Year 2016-2017 Adopted Budget Expense Detail Department: Maintenance

Expense	Detail	0								2016	2016
Departm	ent: Maintenance			Current Ye	ear Ao	tivity				vs.	vs.
Object		Adopted Budget		Six Month Actual		Projected Year end		Adopted Budget		2017 Variance	2017 Variance
Code	Line Item	FY 2015-2016		12/31/2015		6/30/2016	FY	2016-2017		\$	%
10000	Salaries & Benefits										
11000	Salaries & Berlents Salaries	\$ 797,747	\$	358,647	\$	717,294	\$	766,204	\$	(31,543)	-3.95%
11010	Overtime & Holiday Pay	5,000	•	-	Ŧ	-	Ţ	5,000	•	-	0.00%
12010	FICA	61,410		25,375		50,750		58,997		(2,413)	-3.93%
12020	Health Insurance	134,500		68,705		137,410		145,536		11,036	8.21%
12026 12030	EAP & OPEB Retirement	270 83,604		121 37,123		242 74,246		270 74,609		- (8,995)	0.00% -10.76%
12000	Life Insurance	10,530		4,169		8,338		10,037		(493)	-4.68%
12050	Fitness Program	100		-		-		100		-	0.00%
12060	Worker's Comp Insurance	14,300		10,153		13,537		14,300		-	0.00%
	Subtotal	\$ 1,107,461	\$	504,293	\$	1,001,817	\$	1,075,053	\$	(32,408)	-2.93%
13000	Other Personnel Costs										
13100	Employee Dues & Licenses	\$ 300	\$	100	\$	200			\$	(300)	-100.00%
13150	Education & Training	6,000		2,100		4,200		6,000		-	0.00%
13200	Travel & Lodging	1,000		-		-		-		(1,000)	-100.00%
13250 13325	Uniforms Recruiting & Medical Testing	13,000 500		8,609 657		17,218 1,314		13,790		790 (500)	6.08% 100.00%-
13350	Other	1,000		429		858		-		(1,000)	-100.00%
	Subtotal	\$ 21,800	\$	11,895	\$	23,790	\$	19,790	\$	(2,010)	-9.22%
00400	Professional Services	۴	¢		•		¢		¢		
20100 20200	Legal Fees Financial & Admin. Services	\$-	\$	-	\$	-	\$	-	\$	-	
20200	Engineering & Technical Services	-		17,000		17,000		-		-	
	Subtotal	\$-	\$	17,000	\$	17,000	\$	-	\$	-	
01100	Other Services and Charges	\$ 9,000	¢	0.056	¢	0.056	¢	0.800	¢	800	0.000/
21100 21150	General Liability/Property Ins. Advertising & Communication	\$ 9,000	\$	9,256	\$	9,256	\$	9,800	\$	800	8.89%
21250	Watershed Management	-		-		-		-		-	
21252	EMS Programs/Supplies	-		-		-		-		-	
21253	Safety Programs/Supplies	3,000		2,176		4,352		2,500		(500)	-16.67%
21300 21350	Authority Dues/Permits/Fees	-		-		-		-		-	
21350	Laboratory Analysis Utilities	-		-		-		-		-	
21420	General Other Services	2,000		731		1,462		1,500		(500)	-25.00%
21430	Governance Support	-		-		-		-		-	
21450	Bad Debt Subtotal	\$ 14,000	\$	-	\$	-	\$	- 13.800	\$	(200)	-1.43%
	Subiotal	φ 14,000	¢	12,163	¢	15,070	¢	13,000	Þ	(200)	-1.43%
22000	Communication										
22100	Radio	\$ 6,000	\$	5,857	\$	5,857	\$	6,430	\$	430	7.17%
22150	Telephone & Data Service	800		309		618		800		-	0.00%
22200	Cell Phones & Pagers Subtotal	8,000 \$ 14,800	\$	3,992 10,158	\$	7,984 14,459	\$	8,000 15,230	\$	430	0.00%
	Subiotal	φ 14,000	Ψ	10,100	Ψ	14,400	Ψ	10,200	Ψ	430	2.3170
31000	Information Technology										
31100	Computer Hardware	\$ 3,000	\$	1,050	\$	2,100	\$	2,000	\$	(1,000)	-33.33%
31150	SCADA Maint. & Support	-	\$	-		-		-		-	na
31200 31250	Maintenance & Support Services Software Purchases	28,000 2,000		10,835 468		21,670 1,500		2,000 2,000		(26,000)	-92.86% 0.00%
01200	Subtotal	\$ 33,000	\$	12,353	\$	25,270	\$	6,000	\$	(27,000)	-81.82%
		· ,		,	<u> </u>	,		,			
33000	Supplies										
33100	Office Supplies	\$ 500	\$	250	\$	500	\$	500	\$	-	0.00%
33150 33350	Subscriptions/Reference Material Postage & Delivery	-		-		-		-		-	
	Subtotal	\$ 500	\$	250	\$	500	\$	500	\$	-	0.00%
41000	Operation & Maintenance	¢ 0.405	~	0 -00	~	10.000		0.000	•	(4=0)	4 0001
41100 41150	Building & Grounds Building & Land Lease	\$ 9,180	\$	9,598	\$	12,000	\$	9,030	\$	(150)	-1.63%
41130	Pump Station Maintenance	-		-		-				-	
41300	Dam Maintenance	-		-		-		-		-	
41350	Pipeline/Appurtenances	2,500		-		2,500		2,500		-	0.00%
41400	Materials & Supplies	8,000		5,897		11,794		8,000		-	0.00%
41450 41500	Chemicals Vehicle Maintenance	- 13,300		- 6,510		- 13,020		- 11,800		- (1,500)	-11.28%
41550	Equipment Maint. & Repair	14,000		8,714		17,428		13,500		(500)	-3.57%
41600	Instrumentation	1,500		477		954		1,500		-	0.00%

Rivanna Water and Sewer Authority Fiscal Year 2016-2017 Adopted Budget Expense Detail Department: Maintenance

Expense	Detail										2016	2016
Departm	ent: Maintenance				Current Ye	ar A	ctivity				vs.	vs.
Object <u>Code</u>	Line Item	F	Adopted Budget Y 2015-2016		Six Month Actual I2/31/2015		Projected Year end 6/30/2016	F	Adopted Budget Y 2016-2017		2017 Variance \$	2017 Variance %
41650	Fuel & Lubricants		19,000		7,837		15,674	L	18,500		(500)	-2.63%
41700	General Other Maintenance Subtotal	\$	67,480	\$	39,033	\$	73,370	\$	64,830	\$	(2,650)	-3.93%
81000	Equipment Purchases											
81100	Small Equipment & Tools	\$	13,000	\$	16,734	\$	25,000	\$	12,850	\$	(150)	-1.15%
81200	Rental & Leases		1,000		275		550		1,000		-	0.00%
81250	Equipment (over \$5000)		9,000		-		-		9,800		800	8.89%
81300	Vehicle Replacement Fund		70,000		35,000		70,000		70,000		-	0.00%
	Subtotal	\$	93,000	\$	52,009	\$	95,550	\$	93,650	\$	650	0.70%
95000	Allocations from Departments	۴		¢		¢		^		¢		
95100		\$	-	\$	-	\$	-	\$	-	\$	-	
95300	Engineering Allocation		-		-		-		-		-	
95150	Maintenance Allocation		-		-		-		-		-	
95200	Laboratory Allocation Subtotal	\$	-	\$	-	\$	-	\$	-	\$	-	
	Capital Reserve Transfers Depreciation	\$	-	\$	-	\$	-	\$	-	\$	-	
	Subtotal	\$	-	\$	-	\$	-	\$	-	\$	-	
	Total	\$	1,352,041	\$	659,154	\$	1,266,826	\$	1,288,853	\$	(63,188)	-4.67%

Г

Rivanna Water & Sewer Authority FY 2017 Adopted Budget

Laboratory Summary **FY 2016** Adopted Projected Budgeted Actual for Budget Budget FY 2016 6 months 12 months FY 2017 % Change **Operations Budget Projected Revenues** N/A **Projected Expenses** Personnel Cost \$ 132,941 \$ 264,772 \$ 256,517 \$ 263,840 2.85% **Professional Services** 10,000 10,000 Other Services and Charges 8,000 2,547 9,230 15.38% 4,883 Communications 299 2,400 2,534 Information Technology 117 2,475 3.13% Supplies 1,100 148 296 1,100 0.00% **Operations and Maintenance** 56,000 30,238 62,976 55,500 -0.89% Equipment Purchases 11,000 11,320 21,500 95.45% 660 Depreciation \$ 345,017 \$ 166,950 \$ 356,781 \$ 353,645 2.50% **Total Operations Expenses**

		Depa	irtment Sum	mary	/			
Total Revenues		\$	-	\$	-	\$ -	\$ -	
Total Expenses			345,017		166,950	 356,781	 353,645	2.5
Net Costs Allocable to Rate Centers	:	\$	(345,017)	\$	(166,950)	\$ (356,781)	\$ (353,645)	
Allocations to the Rate Centers								
Urban Water	44.00%	\$	151,807	\$	73,458	\$ 156,984	\$ 155,604	
Crozet Water	4.00%		13,801		6,678	14,271	14,146	
Scottsville Water	2.00%		6,900		3,339	7,136	7,073	
			-		-	-		
Urban Wastewater	47.00%		162,158		78,467	167,687	166,213	
Glenmore Wastewater	1.50%		5,175		2,504	5,352	5,305	
Scottsville Wastewater	1.50%		5,175		2,504	5,352	5,305	
	100.00%	\$	345,016	\$	166,950	\$ 356,782	\$ 353,646	

Rivanna Water and Sewer Authority Fiscal Year 2016-2017 Adopted Budget

	Year 2016-2017 Adopted B se Detail	udget						20'	16	2016
	tment: Laboratory			Current Ye	ear Act	tivitv		20		2010 VS.
Object <u>Code</u>	Line Item	Adopted Budget FY 2015-2016		Six Month Actual 12/31/2015	I	Projected Year end 6/30/2016	Adopted Budget FY 2016-2017	20 ⁻ Varia \$	17 nce	2017 Variance %
10000	Salaries & Benefits									
11000	Salaries	\$ 188,974	\$	94,064	\$	188,128	\$ 193,257	\$	4,283	2.27%
11010	Overtime & Holiday Pay	500		4,793		9,586	500		-	0.00%
12010 12020	FICA Health Insurance	14,495 23,750		7,104 12,220		14,208 24,440	14,822 27,288		327 3,538	2.26% 14.90%
12020	EAP & OPEB	23,750		24		24,440 48	50		3,556	0.00%
12020	Retirement	19,804		9,936		19,872	18,591		(1,213)	-6.13%
12040	Life Insurance	2,494		1,116		2,232	2,532		38	1.52%
12050	Fitness Program	-		260		520	-		-	
12060	Worker's Comp Insurance	3,400		2,415		3,220	3,400		-	0.00%
	Subtotal	\$ 253,467	\$	131,932	\$	262,254	\$ 260,440	\$	6,973	2.75%
13000	Other Personnel Costs									
13100	Employee Dues & Licenses	\$ 600	\$	-	\$	500	\$ 500	\$	(100)	-16.67%
13150	Education & Training	1,500		584		1,168	1,500		· -	0.00%
13200	Travel & Lodging	500		-		-	500		-	0.00%
13250	Uniforms	200		230		460	500		300	150.00%
13325	Recruiting & Medical Testing	-		-		-	-		-	0.00%
13350	Other Subtotal	250 \$ 3,050	\$	<u>195</u> 1,009	\$	<u>390</u> 2,518	400 \$ 3,400	\$	150 350	<u>60.00%</u> 11.48%
	Subiotal	φ 3,030	ψ	1,009	ψ	2,510	φ 3,400	Ψ	550	11.4070
	Professional Services									
20100	Legal Fees	\$ -	\$	-	\$	-	\$ -	\$	-	
20200	Financial & Admin. Services	-		-		-	-		-	400.00%
20300	Engineering & Technical Services Subtotal	\$ 10,000	\$	-	\$	10,000	<u> </u>	,	10,000) 10,000)	-100.00%
	Subiolai	φ 10,000	ψ		Ψ	10,000	φ -	Ψ (10,000)	
	Other Services and Charges									
21100	General Liability/Property Ins.	\$ 200	\$	211	\$	211	\$ 230	\$	30	15.00%
21150	Advertising & Communication	-		-		-	-		-	
21250	Watershed Management	-		-		-	-		-	
21252	EMS Programs/Supplies	-		-		-	-		-	
21253 21300	Safety Programs/Supplies Authority Dues/Permits/Fees	4,000		-		-	4,000		-	0.00%
21300	Laboratory Analysis	4,000		- 190		380	4,000		(300)	-37.50%
21400	Utilities	2,000		2,146		4,292	4,000		2,000	100.00%
21420	General Other Services	1,000		_,		-	500		(500)	-50.00%
21430	Governance Support	-		-		-	-		-	
21450	Bad Debt	-		-		-	-			
	Subtotal	\$ 8,000	\$	2,547	\$	4,883	\$ 9,230	\$	1,230	15.38%
22000	Communication									
22100	Radio	\$ -	\$	-	\$	-	\$ -	\$	-	
22150	Telephone & Data Service	-		-		-	-		-	
22200	Cell Phones & Pagers	-		299		598				
	Subtotal	\$ -	\$	299	\$	598	\$ -	\$	-	
31000	Information Technology									
31100	Computer Hardware	\$ 1,500	\$	-	\$	1,500	\$ 1,500	\$	-	0.00%
31150	SCADA Maint. & Support	-		-		-	-		-	na
31200	Maintenance & Support Services	800		-		800	800		-	0.00%
31250	Software Purchases	100	•	117	•	234	175	•	75	75.00%
	Subtotal	\$ 2,400	\$	117	\$	2,534	\$ 2,475	\$	75	3.13%
33000	Supplies									
33100	Office Supplies	\$ 500	\$	148	\$	296	\$ 500	\$	-	0.00%
33150	Subscriptions/Reference Material	500		-		-	500		-	0.00%
33350	Postage & Delivery	100	¢	-	¢	-	100	¢	-	0.00%
	Subtotal	\$ 1,100	\$	148	\$	296	\$ 1,100	\$	-	0.00%
41000	Operation & Maintenance									
41100	Building & Grounds	\$ 5,000	\$	-	\$	2,500	\$ -	\$	(5,000)	-100.00%
41150	Building & Land Lease	-		-		-	-		-	
41200	Pump Station Maintenance	-		-		-	-		-	
41300	Dam Maintenance	-		-		-	-		-	
41350	Pipeline/Appurtenances	-		40.070		-	- 30,000		-	7 4 40/
41400	Materials & Supplies	28,000		18,676		37,352	30,000		2,000	7.14%

Rivanna Water and Sewer Authority Fiscal Year 2016-2017 Adopted Budget Expense Detail

	se Detail							2	016	2016
Depar	<u>tment: Laboratory</u>			Current Ye	ar Act	ivity			vs.	vs.
Object <u>Code</u>	Line Item		Adopted Budget 2015-2016	Six Month Actual I2/31/2015		Projected Year end 6/30/2016	Adopted Budget 2016-2017	_	017 iance \$	2017 Variance %
41450	Chemicals		12,000	5,110		10,220	10,000		(2,000)	-16.67%
41500	Vehicle Maintenance		-	-		-	-		-	
41550	Equipment Maint. & Repair		10,000	6,452		12,904	15,000		5,000	50.00%
41600	Instrumentation		1,000	-		-	500		(500)	-50.00%
41650	Fuel & Lubricants		-	-		-	-		-	
41700	General Other Maintenance		-	-		-	-		-	
	Subtotal	\$	56,000	\$ 30,238	\$	62,976	\$ 55,500	\$	(500)	-0.89%
81000	Equipment Purchases									
81100	Small Equipment & Tools	\$	1,000	\$ 660	\$	1,320	\$ 1,500	\$	500	50.00%
81200	Rental & Leases		-	-		-	-		-	
81250	Equipment (over \$5000)		10,000	-		10,000	20,000		10,000	100.00%
81300	Vehicle Replacement Fund		-	-		-	-		-	
	Subtotal	\$	11,000	\$ 660	\$	11,320	\$ 21,500	\$	10,500	95.45%
95000	Allocations from Departments									
95100	Administrative Allocation	\$	-	\$ -	\$	-	\$ -	\$	-	
95300	Engineering Allocation	•	-	-		-	-	·	-	
95150	Maintenance Allocation		-	-		-	-			
95200	Laboratory Allocation		-	-		-	-		-	
	Subtotal	\$	-	\$ -	\$	-	\$ -	\$	-	
	Capital Reserve Transfers Depreciation	\$	-	\$ -	\$	-	\$ -	\$	-	
	Subtotal	\$	-	\$ -	\$	-	\$ -	\$	-	
	Total		345,017	\$ 166.950		357,379	353,645	\$	8,628	2.50%

Rivanna Water & Sewer Authority FY 2017 Adopted Budget

Eng

Engineering Summary			F	Y 2016			Adopted	
	E	Budgeted		Actual for		Projected	Budget	Budget
		FY 2016		6 months	1	2 months	FY 2017	% Change
Operations Budget								
Projected Revenues								
, N/A								
Projected Expenses								
Personnel Cost	\$	865,440	\$	442,592	\$	879,985	\$ 910,734	5.23%
Professional Services		9,000		5,416		10,832	9,000	0.00%
Other Services and Charges		40,225		23,552		42,104	41,550	3.29%
Communications		10,870		7,282		10,537	11,220	3.22%
Information Technology		38,500		23,635		33,290	38,000	-1.30%
Supplies		10,400		5,720		11,440	10,000	-3.85%
Operations and Maintenance		33,780		17,068		34,136	33,500	-0.83%
Equipment Purchases		22,500		10,586		21,172	22,500	0.00%
Depreciation		-		-		-	-	
Total Operations Expenses	\$	1,030,715	\$	535,851	\$	1,043,496	\$ 1,076,504	4.44%

		Dep	artment Sum	mary	У			
Total Revenues		\$	-	\$	-	\$ -	\$ -	
Total Expenses			1,030,715		535,851	1,043,496	 1,076,504	4.44
Net Costs Allocable to Rate Centers	;	\$	(1,030,715)	\$	(535,851)	\$ (1,043,496)	\$ (1,076,504)	
Allocations to the Rate Centers								
Urban Water	47.00%	\$	484,436	\$	251,850	\$ 490,443	\$ 505,957	
Crozet Water	4.00%		41,229		21,434	41,740	43,060	
Scottsville Water	2.00%		20,614		10,717	20,870	21,530	
Urban Wastewater	44.00%		453,515		235,774	459,138	473,662	
Glenmore Wastewater	1.50%		15,461		8,038	15,652	16,148	
Scottsville Wastewater	1.50%		15,461		8,038	15,652	16,148	
	100.00%	\$	1,030,716	\$	535,851	\$ 1,043,495	\$ 1,076,505	

Rivanna Water and Sewer Authority Fiscal Year 2016-2017 Adopted Budget Expense Detail

	se Detail		_						2016	2016
Depar	tment: Engineering			Current Ye	ear A	ctivity			vs.	vs.
Object <u>Code</u>	Line Item	Adopted Budget <u>FY 2015-2016</u>		Six Month Actual 12/31/2015		Projected Year end 6/30/2016	Adopted Budget FY 2016-2017	`	2017 Variance \$	2017 Variance %
10000	Salaries & Benefits									
11000	Salaries	\$ 639,677	\$	330,478	\$	660,956	\$ 673,321	\$	33,644	5.26%
11010	Overtime & Holiday Pay	4,000		5,070	•	10,140	4,000	·	-	0.00%
12010	FICA	49,241		24,954		49,908	51,815		2,574	5.23%
12020	Health Insurance	71,200		30,269		60,538	81,864		10,664	14.98%
12026	EAP & OPEB	140		71		142	140		-	0.00%
12030	Retirement	67,038		33,784		67,568	65,573		(1,465)	-2.19%
12040 12050	Life Insurance Fitness Program	8,444 2,000		3,793 1,298		7,586 2,596	8,821 2,000		377	4.46% 0.00%
12050	Worker's Comp Insurance	11,000		7,798		10,397	11,000		-	0.00%
12000	Subtotal	\$ 852,740	\$		\$	869,831	\$ 898,534	\$	45,794	5.37%
		. ,		,		,	. ,		,	
13000	Other Personnel Costs									
13100	Employee Dues & Licenses	\$ 1,200	\$		\$	1,236	\$ 1,200	\$	-	0.00%
13150	Education & Training	4,500		1,118		2,236	3,500		(1,000)	-22.22%
13200 13250	Travel & Lodging Uniforms	3,500 2,000		1,427 1,127		2,854	3,500 2,500		500	0.00% 25.00%
13250	Recruiting & Medical Testing	2,000		1,127		2,254	2,500		500	0.00%
13350	Other	1,000		787		- 1,574	1,000		-	0.00%
10000	Subtotal	\$ 12,700	\$		\$	10,154	\$ 12,200	\$	(500)	-3.94%
									X - 7	
	Professional Services									
20100	Legal Fees	\$ 7,000	\$		\$	3,462	\$ 5,000	\$	(2,000)	-28.57%
20200	Financial & Admin. Services	2,000		3,385		6,770	4,000		2,000	100.00%
20300	Engineering & Technical Services Subtotal	\$ 9,000	\$	<u>300</u> 5,416	\$	600 10,832	\$ 9,000	\$	-	0.00%
	Gustolar	φ 0,000	Ψ	0,410	Ψ	10,002	φ 3,000	Ψ		0.0070
	Other Services and Charges									
21100	General Liability/Property Ins.	\$ 4,700	\$	5,000	\$	5,000	\$ 5,300	\$	600	12.77%
21150	Advertising & Communication	200		-		-	200		-	0.00%
21250	Watershed Management	-		-		-	-		-	
21252	EMS Programs/Supplies	-		-		-	-		-	
21253	Safety Programs/Supplies	2,000		725		1,450	2,000		-	0.00%
21300	Authority Dues/Permits/Fees	750		1,300		2,600	1,500		750	100.00%
21350 21400	Laboratory Analysis Utilities	300 275		- 124		- 248	250 300		(50) 25	-16.67% 9.09%
21400	General Other Services	32,000		16,403		32,806	32,000		25	0.00%
21420	Governance Support	- 02,000							-	0.0070
21450	Bad Debt	-		-		-	-		-	
	Subtotal	\$ 40,225	\$	23,552	\$	42,104	\$ 41,550	\$	1,325	3.29%
22000	Communication Radio	¢ 2.070	ድ	4 0 2 7	¢	4 0 2 7	¢ 4.420	¢	550	14 010/
22100 22150	Telephone & Data Service	\$ 3,870 1,500	\$	4,027 624	\$	4,027 1,248	\$ 4,420 1,300	\$	550 (200)	14.21% -13.33%
22130	Cell Phones & Pagers	5,500		2,631		5,262	5,500		(200)	0.00%
	Subtotal	\$ 10,870	\$		\$	10,537	\$ 11,220	\$	350	3.22%
31000	Information Technology									
31100	Computer Hardware	\$ 7,000	\$	1,024	\$	2,048	\$ 7,000	\$	-	0.00%
31150	SCADA Maint. & Support	-		-		-	-		-	na
31200	Maintenance & Support Services	28,000		20,990		28,000	28,000		-	0.00%
31250	Software Purchases Subtotal	3,500 \$ 38,500	\$	<u>1,621</u> 23,635	\$	3,242 33,290	3,000 \$ 38,000	\$	(500)	<u>-14.29%</u> -1.30%
	Gustolar	φ 00,000	Ψ	20,000	Ψ	00,200	φ 00,000	Ψ	(000)	1.0070
33000	Supplies									
33100	Office Supplies	\$ 5,000	\$	2,293	\$	4,586	\$ 5,000	\$	-	0.00%
33150	Subscriptions/Reference Material	4,000		3,279		6,558	4,000		-	0.00%
33350	Postage & Delivery	1,400		148		296	1,000		(400)	-28.57%
	Subtotal	\$ 10,400	\$	5,720	\$	11,440	\$ 10,000	\$	(400)	-3.85%
41000	Operation & Maintenance									
41000	Building & Grounds	\$ 8,500	\$	4,119	\$	8,238	\$ 7,500	\$	(1,000)	-11.76%
41100	Building & Land Lease	φ 0,000	φ	4,119	φ	0,230	φ 7,000	φ	(1,000)	-11.70%
41200	Pump Station Maintenance	-		-		-	-		-	
41300	Dam Maintenance	-		-		-	_			
41350	Pipeline/Appurtenances	10,000		4,500		9,000	10,000		-	0.00%
41400	Materials & Supplies	4,480		1,037		2,074	4,000		(480)	-10.71%

Rivanna Water and Sewer Authority Fiscal Year 2016-2017 Adopted Budget Expense Detail

	se Detail			_							2016	2016
Depar	tment: Engineering				Current Ye	ar Ac	tivity				vs.	vs.
Object <u>Code</u>	Line Item	Ado Bud <u>FY 201</u>			Six Month Actual I2/31/2015		Projected Year end 5/30/2016		Adopted Budget (2016-2017	v	2017 ariance \$	2017 Variance %
41450	Chemicals		-		_		-	1	-		-	
41500	Vehicle Maintenance		3,500		4,814		9,628		6,000		2,500	71.43%
41550	Equipment Maint. & Repair		1,000		412		824		1,000		-	0.00%
41600	Instrumentation		-		-		-		-		-	0.0070
41650	Fuel & Lubricants		6,300		2,186		4,372		5,000		(1,300)	-20.63%
41700	General Other Maintenance		-,		_,		-		-		-	
	Subtotal	\$	33,780	\$	17,068	\$	34,136	\$	33,500	\$	(280)	-0.83%
81000	Equipment Purchases											
81100	Small Equipment & Tools	\$	2,500	\$	586	\$	1,172	\$	2,500	\$		0.00%
81200	Rental & Leases	Ψ	2,000	Ψ		Ψ	-	Ψ	2,000	Ψ	_	0.0070
81250	Equipment (over \$5000)		-		-		_		-		_	
81300	Vehicle Replacement Fund		20.000		10.000		20.000		20.000		-	0.00%
	Subtotal	\$	22,500	\$	10,586	\$	21,172	\$	22,500	\$	-	0.00%
95000	Allocations from Departments											
95100	Administrative Allocation	\$	_	\$	-	\$	_	\$	-	\$	_	
95300	Engineering Allocation	Ψ	-	Ψ	-	Ψ	-	Ψ	-	Ψ	-	
95150	Maintenance Allocation		-		-		-		-		-	
95200	Laboratory Allocation		-		-		-		-		-	
	Subtotal	\$	-	\$	-	\$	-	\$	-	\$	-	
	Capital Reserve Transfers	\$	-	\$	-	\$	-	\$	-	\$	-	
	Depreciation	^	-	•	-	•	-		-	•	-	
	Subtotal	\$	-	\$	-	\$	-	\$	-	\$	-	
	Total	\$ 1,03	30,715	\$	535,851	\$	1,043,496	\$	1,076,504	\$	45,789	4.44%

APPENDICES

Rivanna Water and Sewer Authority

Fiscal Year 2016-2017

Flow Projections

Α

	(1000 GALLONS)			(MILLION GALLONS PER DAY)			
	FY 2016	FY 2017	% Change	FY 2016	FY 2017	% Change	
Water							
Urban	3,432,018	3,432,018	0.00%	9.403	9.403	0.00%	
Crozet	173,427	182,610	5.30%	0.475	0.500	5.26%	
Scottsville	21,168	19,143	-9.57%	0.058	0.052	-10.34%	
Total	3,626,613	3,633,771	0.20%	9.9360	9.9550	0.19%	
Wastewater							
Urban	3,424,639	3,424,639	0.00%	9.383	9.383	0.00%	
Glenmore	45,146	43,412	-3.84%	0.124	0.119	-4.03%	
Scottsville	22,401	19,967	-10.87%	0.061	0.055	-9.84%	
Total	3,492,186	3,488,018	-0.12%	9.5680	9.5570	-0.11%	

Ilocation (Urban Area Only)	FY 2016	FY 2017	% Change	
Water				
City	53%	52%	-1.89%	
ACSA	47%	48%	2.13%	
<u>Wastewater</u>				
City	54%	52%	-3.70%	
ACSA	46%	48%	4.35%	

FY 2017 allocations are based on FY 2015 retail flows reported by the City and ACSA.

Summary of Debt Service Budget to be included in Monthly Charges

City Allocation of Debt Service Costs	Estimated Debt Service Budget FY 2017	City %	City Amount	Annual Total
ALLOCATION BASED ON FLOWS				
Regional Water System Projects:				
47% of 2012A Refunding Bond	412,856	52.00%	214,685	
14.20% of 2015B Bond - New Projects	240,400	52.00%	125,008	339,693
Revenues that offset Debt Service			,	
Trust Fund Interest	(15,700)	52.00%	(8,164)	
Buck Mountain Surcharge	(75,100)	FIXED	(21,200)	
Lease Revenues	(1,600)	52.00%	(832)	(30,196)
RATES BASED ON FIXED AGREEMENTS				
2003 & 2012 Urban Water Agreement				
Water Supply Expansion (15%/85%)				
100% of 2012B Revenue Bond	1,339,481	15.00%	200,922	
9.00% of 2015B Bond - Refunding	142,386	15.00%	21,358	
Non-Water Supply - Other Projects (48%/52%)				
47.40% of 2015B Bond - Refunding	749.899	48.00%	359,952	
77.80% of 2015B Bond - New Projects	1,317,120	48.00%	632,218	
South Rivanna Expansion of 1999) -), -		,	
10.30% of 2015B Bond - Refunding	162,953	0.00%	-	1,214,450
Southern Loop Water Line, West Branch	- ,			, ,
3.9% of 2012A Refunding Bond	34,230	24.51%	8.390	8.390
South Rivanna Connector Main	- ,		-,	-,
15.3% of 2012A Refunding Bond	134,764	52.00%	70,077	70,077
DEBT SERVICE PROJECTED FROM 5-YEAR CIP				
CIP Growth Rate from 2016-2020 CIP	637,300	FIXED	250,600	250,600
Debt Service Coverage Ratio / Policy Charge	285,000	36.00%	102,600	102,600
Total Debt Service For Rate Computation	\$ 5,363,989		\$ 1,955,614	\$ 1,955,614

ACSA Allocation of Debt Service Costs	Serv	nated Debt ice Budget Y 2017	ACSA %	AC	SA Amount	Annual Total
ALLOCATION BASED ON FLOWS Regional Water System Projects:						
47% of 2012A Refunding Bond		412.856	48.00%		198,171	
14.20% of 2015B Bond - New Projects		240,400	48.00%		115,392	313,563
Revenues that offset Debt Service		210,100	10.0070		110,002	010,000
Trust Fund Interest		(15,700)	48.00%		(7,536)	
Buck Mountain Surcharge		(75,100)	FIXED		(53,900)	
Lease Revenues		(1,600)	48.00%		(768)	(62,204)
RATES BASED ON FIXED AGREEMENTS						
2003 & 2012 Urban Water Agreement						
Water Supply Expansion (15%/85%)						
100% of 2012B Revenue Bond		1,339,481	85.00%		1,138,559	
9.00% of 2015B Bond - Refunding		142,386	85.00%		121,028	
Non-Water Supply - Other Projects (48%/52%)						
47.40% of 2015B Bond - Refunding		749,899	52.00%		389,947	
77.80% of 2015B Bond - New Projects		1,317,120	52.00%		684,902	
South Rivanna Expansion of 1999						
10.30% of 2015B Bond - Refunding		162,953	100.00%		162,953	2,497,389
Southern Loop Water Line, West Branch						
3.9% of 2012A Refunding Bond		34,230	75.49%		25,840	25,840
South Rivanna Connector Main						-
15.3% of 2012A Refunding Bond		134,764	48.00%		64,687	64,687
DEBT SERVICE PROJECTED FROM 5-YEAR CIP						
CIP Growth Rate from 2016-2020 CIP		637,300	FIXED		386,700	386,700
Debt Service Coverage Ratio / Policy Charge		285,000	64.00%		182,400	182,400
Total Debt Service For Rate Computation	\$	5,363,989		\$	3,408,375	\$ 3,408,375
SUMMARY OF DEBT SERVICE REVENUES:						
CITY SHARE OF TOTAL DEBT SERVICE	\$	1,955,614	36%			
ACSA SHARE OF TOTAL DEBT SERVICE		3,408,375	64%			
	\$	5,363,989	100%			

URBAN WASTEWATER DEBT SERVICE COSTS

City	Allocation of Debt Service Costs	Service Budget FY 2017	City %	City Amount	
LOCATION BASED ON	FLOWS				
System Projects Rate					
ojotom rojotio ridio	22.9% of 2015B Bond Refunding	362.293	52%	188,392	
	100% 2005A Bond VRA/VRLF	159.339	52%	82,856	
	88.5% of 2009A Bond VRA/VRLF	1,419,716	52%	738,252	
	37.9% of 2011 A.B Bond VRA/RLF	205.219	52%	106,714	
	30.6% of 2012A Bond (new money)	370.533	52%	192.677	1.308.89
Revenues that offset Deb		0.0,000	0270	102,011	1,000,00
	County MOU - Septage	(109.440)	52%	(56,909)	
	Trust Fund Interest	(26,800)	52%	(13,936)	(70,84
	Trust i unu interest	(20,000)	52 /0	(13,330)	(70,04
LOCATION BASED ON	FIXED AGREEMENTS				
14 Wastewater Agreeme	nt				
Meadowcreek					
	97.9% of 2010A, and 13.6% of 2012A Bonds	1,170,954	Segments	973,126	
Wet Weather MCWWTP					
	11.5% of 2009A, and 62.1% of 2011 A/B Bonds	520,739	Segments	347,103	
Moores Creek PS			-		
	100% of 2011 D/E Bond	317,130	Segments	203,905	
Rivanna Pump Station ar	nd Force Main		0		
	7.2% of 2012A Bond & 100% of 2014A Bond	1,226,804	Segments	801,688	
Albemarle Berkley Pump	Station		0		
	4.2% of 2012A Bond	50.858	0%	-	
Crozet Interceptor					
	2.9% of 2012A Bond	35,116	0%	-	
Schenk Branch Agreeme					
Serierin Branerri greenne	20.0% of 2012A, 2.1% of 2010A Bonds and	298.632	100%	298.632	2.624.45
	100% of 2015A				_,0,.0
Four Party Rate	Regional Water System Projects				
	19.6% of 2012A Refunding Bond	172,238	N/A	60,516	
	Crozet Interceptor				
	3.9% of 2012A Refunding Bond	34,319	N/A	12,058	
	Facilities Purchase				
	7.2% of 2012A Refunding Bond	62,860	N/A	22,086	94,66
Moores Creek Relief IS, I					
	1.6% of 2012A Refunding Bond	14,294	30%	4,288	4,28
	-				
	TED FROM 5-YEAR CIP				
CIP Growth Charge from		486,000	Fixed	278,500	278,50
Debt Service Coverage F	Ratio / Policy Charge	325,000	58%	188,500	188,50
	Total	\$ 7.095.804		\$ 4.428.448 \$	4.428.44

ACSA	Allocation of Debt Service Costs		Estimated Debt Service Budget FY 2017	ACSA %	ACSA Amount	
ALLOCATION BASED ON	FLOWS		I			
System Projects Rate	22.9% of 2015B Bond Refunding 100% 2005A Bond VRA/VRLF 88.5% of 2009A Bond VRA/VRLF		362,293 159,339 1,419,716	48% 48% 48%	173,901 76,483 681,464	
Revenues that offset Deb	37.9% of 2011 A,B Bond VRA/RLF 30.6% of 2012A Bond (new money)		205,219 370,533	48% 48%	98,505 177,856	1,208,209
	County MOU - Septage Trust Fund Interest		(109,440) (26,800)	48% 48%	(52,531) (12,864)	(65,395)
ALLOCATION BASED ON 2014 Wastewater Agreemen Meadowcreek						
Wet Weather MCWWTP	97.9% of 2010A, and 13.6% of 2012A Bonds		1,170,954	Segments	197,828	
Moores Creek PS	11.5% of 2009A, and 62.1% of 2011 A/B Bonds	5	520,739	Segments	173,635	
Rivanna Pump Station an	100% of 2011 D/E Bond d Force Main		317,130	Segments	113,225	
Albemarle Berkley Pump	7.2% of 2012A Bond		1,226,804	Segments	425,116	
Crozet Interceptor	4.2% of 2012A Bond		50,858	100%	50,858	
	2.9% of 2012A Bond		35,116	100%	35,116	
Schenk Branch Agreemer	²⁰ 20.0% of 2012A, 2.1% of 2010A Bonds and 100% of 2015A		298,632	0%	-	995,778
Four Party Rate	Regional Water System Projects 19.6% of 2012A Refunding Bond Crozet Interceptor		172,238	N/A	111,722	
	3.9% of 2012A Refunding Bond Facilities Purchase		34,319	N/A	22,261	
Moores Creek Relief IS. F	7.2% of 2012A Refunding Bond		62,860	N/A	40,774	174,757
	1.6% of 2012A Refunding Bond		14,294	70%	10,006	10,006
DEBT SERVICE PROJECT CIP Growth Charge from 2			486,000	Fixed	207,500	207,500
Debt Service Coverage R	atio / Policy Charge		325,000	42%	136,500	136,500
	Т	otal	\$ 7,095,804		\$ 2,667,355 \$	2,667,355
	SUMMARY OF DEBT SERVICE REVENUES: CITY SHARE OF TOTAL DEBT SERVICE ACSA SHARE OF TOTAL DEBT SERVICE		\$	62% <u>38%</u>		
			\$ 7,095,803	100%		

RURAL RATE CENTERS DEBT SERVICE RATES

Summary of Debt Service Payments Due

Summary of Debt Service Payments Due	Cur	FY 2017 Total Current Debt Service		Estimated New Debt Service		Total Annual Debt Service		ACSA Monthly Rate	
WATER									
<u>Crozet Water</u> Water Improvements 1.0% of 2012A Refunding Bond 17.0% of 2012A Bond (new money) 8.39% of 2005B Bond Refunding (portion) 4.9% of 2005B Bond New Projects (portion)	\$	8,652 205,852							
7.4% of 2015B Bond Refunding 5.9% of 2015B Bond New Projects Estimated DS - CIP Growth in Rate		117,073 99,884	\$	146,300					
Revenues that offset Debt Service Trust Fund Interest		(1,800)							
	\$	429,661	\$	146,300	\$	575,961	\$	47,997	
Scottsville Water Solids Handling 0.2% of 2012A Refunding Bond 4.2% of 2012A Bond (new money) 0.92% of 2005B Bond Refunding (portion)	\$	1,505 50,858 -							
7.3% of 2005B Bond New Projects (portion) 2.7% of 2015B Bond Refunding 2.1% of 2015B Bond New Projects Estimated DS - CIP Growth in Rate		- 42,716 35,552		-					
Revenues that offset Debt Service Trust Fund Interest		(450)							
	\$	130,181	\$	-	\$	130,181	\$	10,848	
WASTEWATER									
<u>Glenmore Wastewater</u> System upgrades 0.17% of 2005B Bond Refunding (portion) 0.10% of 2015B Bond Refunding Revenues that offset Debt Service Trust Fund Interest	\$	- 1,582							
Trust Fund Interest		1,582		-	\$	1,582	\$	132	
Scottsville Wastewater Facilities Purchase 0.3% of 2012A Refunding Bond	\$	2,914							
System upgrades 0.3% of 2012A Bond (new money) 0.17% of 2005B Bond Refunding (portion)		3,633							
0.2% of 2005B Bond New Projects (portion) 0.20% of 2015B Bond Refunding Estimated DS - CIP Growth in Rate Revenues that offset Debt Service		- 3,164		-					
Trust Fund Interest	<u> </u>	(500)			• .				
	\$	9,211	\$	-	\$	9,211	\$	768	

DEBT SUMMARY

	Total Revenue Bond Debt	Total FY 2017 Debt Service
CURRENT EXISTING DEBT		
DEBT BY BOND ISSUE		
2005 A Bond VRA/VRLF	1,426,097	159,339
2009A Bond	19,209,121	1,604,199
2010A Bond	12,000,433	1,027,429
2011A Bond	5,853,950	472,617
2011B Bond	836,419	68,858
2011D,E Bond	4,025,589	317,130
2012A Bond (refunding & new money)	20,845,000	2,089,525
2012B Bond	24,555,000	1,339,481
2014A Bond	29,043,290	1,139,620
2015A Bond	1,189,672	35,296
2015B Bond (refunding & new money)	44,495,000	3,275,022
	\$ 163,479,571	\$ 11,528,516

PRINCIPAL AND INTEREST PAYMENTS BY CENTER - Annual

Urban Water	4,534,089
Crozet Water	431,461
Scottsville Water	130,631
Urban Wastewater	6,421,044
Glenmore Wastewater	1,582
Scottsville Wastewater	 9,711
	\$ 11,528,518

	Total	Monthly
Expenses		
Fixed Costs		
Wages	\$ 9,828	
Benefits	3,372	
Mileage	1,820	
Subtotal	\$ 15,020	
Overhead at 35%	5,257	
Total Fixed Charge	\$ 20,277	
- 0	+ - <u>,</u>	
Variable Costs		
Repairs, Maintenance, Other	\$ 5,000	
Overhead at 35%	1,750	
	1,700	
Total Variable Charge	\$ 6,750	
	ψ 0,750	
Total Annual Charge Estimate	\$ 27,027	\$ 2,252
I Utal Allinual Gharge Lottillate	φ 21,021	<u>\$2,252</u>

Stone Robinson School WWTP Estimated Charges

All Rate Centers Detailed Summary of Revenues

	FY 2016	FY 2017	% Change
OPERATIONS			
Operations Rate Revenues	\$ 14,015,641	\$ 14,450,064	3.10%
Other Operations Revenues			
Interest Allocation	\$ 7,975	\$ 8,025	0.63%
Stone Robinson WWTP	26,847	27,027	0.67%
Septage/Sludge Acceptance	340,000	390,000	14.71%
Leases	63,000	63,000	0.00%
Administration	300,000	329,000	9.67%
Nutrient Credits	85,000	123,000	44.71%
Use of Reserves	44,000	-	-100.00%
Miscellaneous	 22,000	17,000	-22.73%
	\$ 888,822	\$ 957,052	7.68%
Total Operations Revenues	\$ 14,904,463	\$ 15,407,116	3.37%
DEBT SERVICE			
Debt Service Rate Revenues			
City	\$ 5,900,931	\$ 6,384,062	8.19%
ACSA	6,623,604	6,792,668	2.55%
	\$ 12,524,535	\$ 13,176,730	5.21%
Other Debt Service Revenues			
Interest	65,960	129,350	96.10%
County MOU - Septage	109,440	109,440	0.00%
Buck Mountain Surcharge	89,000	75,100	-15.62%
Leases	1,600	1,600	0.00%
	\$ 266,000	\$ 315,490	18.61%
Total Debt Service Revenues	\$ 12,790,535	\$ 13,492,220	5.49%
Total Revenues	\$ 27,694,998	\$ 28,899,336	4.35%

Rivanna Water and Sewer Authority Fiscal Year 2016-2017 Adopted Budget

	Year 2016-2017 Adopted Bi	udget										
	se Detail										2016	2016
Author	rity as a Whole				Current Y	ear A	ctivity		r		vs.	vs.
Object Code	Line Item	Adop Budg FY 2015	get		Six Month Actual 12/31/2015		Projected Year end 6/30/2016	F	Adopted Budget (2016-2017		2017 Variance \$	2017 Variance %
10000	Salaries & Benefits			•							/	
11000	Salaries Overtime Bay		17,432 75,200	\$	2,276,062	\$	4,552,124	\$	5,056,841 175,200	\$	239,409	4.97% 0.00%
11010 12010	Overtime Pay FICA		75,200 81,937		138,398 172,730		276,796 345,460		400,251		- 18,314	0.00% 4.80%
12010	Health Insurance		83,650		333,624		667,248		783,848		100,198	14.66%
12026	EAP & OPEB	-	1,324		604		1,208		1,374		50	3.78%
12030	Retirement	5	04,725		233,063		466,126		490,443		(14,282)	-2.83%
12040	Life Insurance		63,589		26,200		52,400		66,245		2,656	4.18%
12050	Fitness Program		7,825		5,408		10,816		8,325		500	6.39%
12060	Worker's Comp Insurance		66,100 01,782	\$	46,939	¢	62,584	\$	66,100 7,048,627	\$	346,845	0.00%
	Subtotal	\$ 0,7	01,782	\$	3,233,028	\$	6,434,762	\$	7,048,027	Þ	340,845	5.18%
13000	Other Personnel Costs											
13100	Employee Dues & Licenses	\$	10,760	\$	4,283	\$	11,596	\$	10,360	\$	(400)	-3.72%
13150	Education & Training		39,950	Ŧ	26,318	Ŷ	52,636	Ŷ	47,900	Ť	7,950	19.90%
13200	Travel & Lodging		15,900		13,650		27,300		18,150		2,250	14.15%
13250	Uniforms		33,700		20,611		41,222		35,790		2,090	6.20%
13325	Recruiting & Medical Testing		5,065		2,860		5,720		4,165		(900)	-17.77%
13350	Other		10,500	•	11,744	•	16,358		10,650	^	150	1.43%
	Subtotal	\$ 1	15,875	\$	79,466	\$	154,832	\$	127,015	\$	11,140	9.61%
	Professional Services											
20100	Legal Fees	\$	91,000	\$	72,094	\$	144,188	\$	89,000	\$	(2,000)	-2.20%
20100	Financial & Admin. Services		95,650	φ	51,115	φ	102,230	φ	89,000	φ	(6,650)	-6.95%
20200	Engineering & Technical Services		91,500		98,896		317,726		288,400		(3,100)	-1.06%
20000	Subtotal		78,150	\$	222,105	\$	564,144	\$	466,400	\$	(11,750)	-2.46%
	Other Services and Charges											
21100	General Liability/Property Ins.		39,200	\$	137,310	\$	137,310	\$	145,950	\$	6,750	4.85%
21150	Advertising & Communication		15,300		4,677		15,000		13,800		(1,500)	-9.80%
21250	Watershed Management		80,100		14,800		74,600		75,100		(5,000)	-6.24%
21252	EMS Programs/Supplies		500		1,758		3,516		500		-	0.00%
21253 21300	Safety Programs/Supplies Authority Dues/Permits/Fees		31,350 88,750		20,935 50,745		51,618 98,834		34,350 85,900		3,000 (2,850)	9.57% -3.21%
21300	Laboratory Analysis		87,100		49,799		98,834 99,598		98,750		(2,850) 11,650	13.38%
21400	Utilities		78,825		569,764		1,289,528		1,280,780		1,955	0.15%
21420	General Other Services		66,800		316,959		633,918		594,300		27,500	4.85%
21430	Governance Support		30,000		1,298		30,000		38,000		8,000	26.67%
21450	Bad Debt		-		-		-		-		-	
	Subtotal	\$ 2,3	17,925	\$	1,168,045	\$	2,433,922	\$	2,367,430	\$	49,505	2.14%
00000	Communication											
22000 22100	Communication Radio	\$	19,370	\$	21,936	\$	21,936	\$	21,700	\$	2,330	12.03%
22100	Telephone & Data Service		19,370 51,100	Φ	21,930 28,207	φ	21,930 82,230	Ф	78,730	φ	2,330 27,630	12.03% 54.07%
22200	Cell Phones & Pagers		29,500		16,373		32,746		30,700		1,200	4.07%
LLLOO	Subtotal		99,970	\$	66,516	\$	136,912	\$	131,130	\$	31,160	31.17%
			,		,		,		,		,	
31000	Information Technology											
31100	Computer Hardware	\$	49,400	\$	19,697	\$	42,444	\$	51,150	\$	1,750	3.54%
31150	SCADA Maint. & Support		-						139,700		139,700	N/A
31200	Maintenance & Support Services		66,000		75,118		173,794		92,500		(73,500)	-44.28%
31250	Software Purchases Subtotal		22,450 37,850	\$	<u>5,280</u> 100,095	\$	<u>11,124</u> 227,362	\$	22,725 306,075	\$	275 68,225	1.22% 28.68%
	Susioiai	ΨΖ	57,000	Ψ	100,035	Ψ	221,002	Ψ	300,073	Ψ	00,220	20.0070
33000	Supplies											
33100	Office Supplies	\$	26,400	\$	11,474	\$	23,048	\$	23,900	\$	(2,500)	-9.47%
33150	Subscriptions/Reference Material		7,850		3,536		7,672		7,850		-	0.00%
33350	Postage & Delivery		13,310		2,408		10,334		11,910		(1,400)	-10.52%
	Subtotal	\$	47,560	\$	17,418	\$	41,054	\$	43,660	\$	(3,900)	-8.20%
44000	Onemation 8 Matrices											
41000	Operation & Maintenance	¢ ^	00 000	¢	104 005	۴	250.004	۴	224 020	¢		0.040/
41100 41150	Building & Grounds Building & Land Lease		28,880 32,500	\$	121,925 32,313	\$	250,694 32,313	\$	221,930 32,500	\$	(6,950)	-3.04% 0.00%
41150	Pump Station Maintenance		32,500 45,475		52,513 52,574		122,644	<u> </u>	140,010		(5,465)	-3.76%
41200	Dam Maintenance		41,500		49,105		122,077		68,700		27,200	65.54%
41350	Pipeline/Appurtenances		89,540		270,530		573,528		316,530		126,990	67.00%
41400	Materials & Supplies		27,830		74,562		152,380		131,300		3,470	2.71%
41450	Chemicals	1,7	75,300		804,036		1,661,970		1,671,300		(104,000)	-5.86%

Rivanna Water and Sewer Authority Fiscal Year 2016-2017 Adopted Budget Expense Detail Authority as a Whole

Expen	se Detail									2016	2016
Autho	rity as a Whole			Current Year Activity						vs.	vs.
Object <u>Code</u>	Line Item	F	Adopted Budget (2015-2016		Six MonthProjectedAdoptedActualYear endBudget12/31/20156/30/2016FY 2016-2017		2017 Variance \$	2017 Variance %			
41500 41550 41600 41650 41700	Vehicle Maintenance Equipment Maint. & Repair Instrumentation Fuel & Lubricants General Other Maintenance Subtotal	\$	34,200 744,175 72,170 133,880 170,500 3,695,950	\$	29,084 312,578 30,536 37,651 49,234 1,864,128	\$	58,168 801,868 62,556 77,270 143,468 3,936,859	\$	35,200 657,100 78,960 84,620 159,550 3,597,700	\$ 1,000 (87,075) 6,790 (49,260) (10,950) (98,250)	2.92% -11.70% 9.41% -36.79% -6.42% -2.66%
81000 81100 81200 81250 81300	Equipment Purchases Small Equipment & Tools Rental & Leases Equipment (over \$5000) Vehicle Replacement Fund Subtotal	\$	50,000 9,000 217,000 152,400 428,400	\$	52,449 8,415 75,080 76,200 212,144	\$	77,264 12,830 216,000 152,400 458,494	\$	45,050 9,000 149,800 152,400 356,250	\$ (4,950) - (67,200) - (72,150)	-9.90% 0.00% -30.97% 0.00% -16.84%
95000 95100 95300 95150 95200	Allocations from Departments Administrative Allocation Engineering Allocation Maintenance Allocation Laboratory Allocation Subtotal	\$	-	\$	-	\$	-	\$	- - - - -	\$ -	
	Capital Reserve Transfer Depreciation Subtotal	\$	- 781,000 781,000	\$	- 390,500 390,500	\$	- 781,000 781,000	\$	181,813 781,000 962,813	\$ 181,813 - 181,813	0.00% 23.28%
	Total	\$ [,]	14,904,462		7,353,445		15,169,341 n Admin.	\$ 1	5,407,100 (329,000)	\$ 502,638	3.37%

Audit C	Check		
Less re	evenue alloc	ation in Admin.	(329,000)
Less re	evenue alloc	ation in Maint.	 -
Detail	Check on Ex	rpenses	\$ 15,078,100
Total S	Summary Sh	eet Rate Center Only	\$ 15,078,104

ſ

OPERATIONS		Number of Positions	Change from FY 2016
Operations Management			
Director of Operations		1	
Water Resources Manager		1	
Water Recourses Manager	-	2	0
		-	Ū
Engineering Department			
Chief Engineer		1	
Senior Civil, Civil Engineers		4	
Engineering Technician/Inspector/GIS		2	
GIS Coordinator		1	
Administrative Office Technician	_	1	
	Subtotal	9	0
Laboratory		4	
Laboratory Director Chemist		1	
Lab Technician		1 1	
	Subtotal	3	0
	Subiolai	5	0
Maintenance Department			
Maintenance Manager		1	
Maintenance Supervisor		1	
Mechanics		10	
Vehicle Equipment Mechanic		1	
SCADA/Process Control Tech.		0	-1
Mechanic Helper		1	
Maintenance Workers		2	
	Subtotal	16	-1
Waatawatar Dapartment			
Wastewater Department Wastewater Manager		1	
Wastewater Assistant Manager		1	
Treatment Supervisor		1	
Plant Operators (14 total)		•	
Operators - Moores Creek		8	
Operators - Relief Shift Differential all pla	nts	2	
Operator - Glenmore		1	
Operator - Scottsville		1	
Dewatering Operators		2	
	Subtotal	17	0
Water Department			
Water Manager		1	
Water Assistant Manager		1	
Water Treatment Plant Supervisor		1	
<u>Plant Operators (20.4 total)</u>	nto	2	
Operators - Relief Shift Differential all pla	nis	3	
Operators - S. Rivanna / N. Rivanna		8	

OPERATIONS		Number of Positions	Change from FY 2016		1	
Operatora Observatory		E 75				
Operators - Observatory Operators - Crozet		5.75 2.4				
Operators - Scottsville		1.25				
	Subtotal	23.4	0			
		20.1				
	Subtotal for Operations	70.4	-1			
JOINT ADMINISTRATIV Executive Director	/E STAFF er/Executive Coordinator	1 1				
Director of Finance & Ad		1				
Office/ HR Manager	IIIIIIstaton	1				
Accountant		1				
Payroll & Benefits Coord	linator	1				
Accounts Payable/Purch		1				
Accounts Receivable Te		1				
Secretary III		1				
Administrative Office Tec	chnician	1				
Environmental & Safety		1				
Information Systems Adr		1				
Information Systems Ass		1				
IT Specialist - SCADA		1	1		FTE S	Split
SCADA Technician (mov	/ed from Maintenance)	1	1		RWSA	SWA
Administration a	nd allocation with RSWA	15	2		11.64	3.36
Total all positions		85.40	1.00			
Previous year		84.40			9.53	3.47
Total	Budgeted FTE Positions	FY 2017		FY 2016		
	Operations	70.40		71.40		
Allocated	Administrative Positions	11.64		9.53		
	Total	82.04		80.93	•	

Data for ACSA

		FY 2016		FY 2017		Change	
Total RWSA Expenses							
Water	\$	13,300,000	\$	13,878,000	\$	578,000	
Wastewater		14,090,000		14,692,000		602,000	
Add Administration revenue allocation		300,000		329,000		29,000	
Add Maintenance revenue allocation		5,000				(5,000)	
						-	
	Total <u></u> \$	27,695,000	\$	28,899,000	\$	1,204,000	

RWSA Rate Charges Allocated to ACSA, by Service Area

Water

Urban Crozet Scottsville	_	\$ 6,122,249 1,335,960 588,139	\$ 6,427,485 1,489,788 520,589	\$ 305,236 153,828 (67,550)
	Total	\$ 8,046,348	\$ 8,437,862	\$ 391,514
Wastewater				
Urban Scottsville Stone-Robinson School Glenmore	_	\$ 5,608,164 257,104 26,847 302,534	\$ 5,683,291 263,287 27,027 320,326	\$ 75,127 6,183 180 17,792
	Total	\$ 6,194,649	\$ 6,293,931	\$ - 99,282
Total for ACSA FY 2017	-	\$ 14,240,997	\$ 14,731,793	\$ 490,796
FY 2016		\$ 13,738,943	\$ 14,240,997	
Difference		\$ 502,054	\$ 490,796	

Urban Water Rate Revenue Analysis

	Total		City			ACSA		
Rate Revenue Detail Operations Rate per 1,000 gallons	\$	1.833	\$	1.833	\$	1.833		
Revenue Debt Service Rate monthly Revenue		6,289,813 N/A 5,363,989		3,270,703 162,968 1,955,614		3,019,110 284,031 3,408,375		
Total Rate Revenue	\$	11,653,802	\$	5,226,317	\$	6,427,485		

FY 2016 Budget Comparison			
FY 2016 Total Budgeted Rate Revenue	\$ 11,136,154	\$ 5,013,905	\$ 6,122,249
Total \$ Change % Change	\$ 517,648 4.65%	\$ 212,412 4.24%	\$ 305,236 4.99%
% Change	4.05%	4.2470	4.99%

Urban Wastewater Rate Revenue Analysis

	Total		City			ACSA
Rate Revenue Detail						
Operations Rate per 1,000 gallons Revenue	\$	1.835 6,283,199	\$	1.835 3,267,263	\$	1.835 3,015,936
		-,,		-,,		-,,
Debt Service Rate monthly		N/A		369,037		222,280
Revenue		7,095,803		4,428,448		2,667,355
	•		•		•	
Total Rate Revenue	\$	13,379,002	\$	7,695,711	\$	5,683,291
FY 2016 Budget Comparison						

FY 2016 Total Budgeted Rate Revenue	\$ 1	2,920,285	\$ 7,312,121	\$ 5,608,164
	\$	458,717	\$ 383,590	\$ 75,127
% Change		3.55%	5.25%	1.34%