



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.

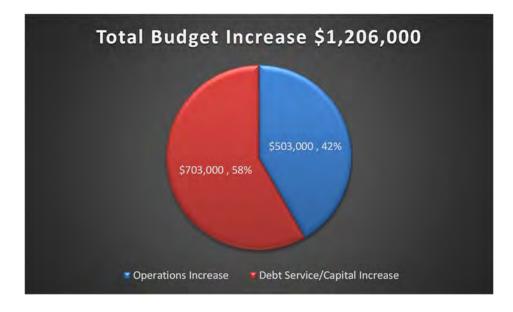
Another impact on the rate calculation is the allocation of Rivanna's water and wastewater flows between the City and ACSA for the Urban areas. The allocation for Urban water flows shifted 1 percentage point between the two customers and Urban wastewater flows shifted by 2 percentage points from the 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:

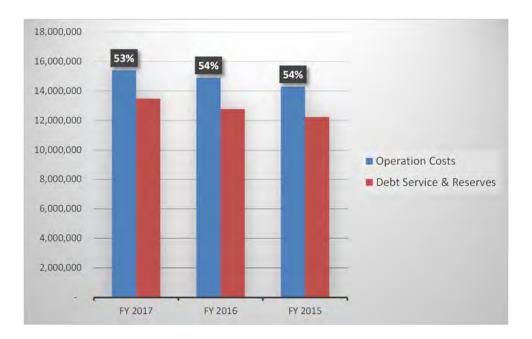
20 locations with 12 separate networks	26 servers at 8 locations
70 Programmable Logic Controllers (PLC)	23 Gigabit backbone switches
Over 10 service connections for T1, DSL and Fiber	138 desktop computers & multiple mobile CPUs and handheld units
Multiple DVR, Video & security control units/lock out	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
<ul> <li>IT - Support services for software support needs were initially budgeted in admin, but have shifted the budget to the rate centers</li> </ul>	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 <b>135,624,228</b>	\$ (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%
	<b></b>				
		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				<b>T</b> - 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 <b>Principal, Interest &amp; Reserves</b> 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							<b>-</b> -		
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	<b>~</b>	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 <b>S 5,376,459 S 2,698,183 S 5,396,366 S 5,500,389 2.31 Rate Center Summary</b> 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	<b>Operation &amp; Maintenance</b>									
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	<b>^</b>	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 <b>997,092</b>	\$	251 499,424	\$	502 998,848	\$	400 <b>946,224</b>	0.00% - <b>5.10%</b>
	<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	<b>.</b> 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	<b>^</b>	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	<b>Equipment Purchases</b> 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	<b>2016</b>			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%
<b>Operations Budget</b>									
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	<b>R</b> 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%
	••								-		

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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		<b>*</b>	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		\$	<b>6,936,202</b>	\$	3,741,170	\$	7,170,731	\$	7,270,043	4.81%
		<u> </u>	0,000,202	<b>•</b>	•,• • •,• •	<b>•</b>	.,	<b>•</b>	.,,	
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	•		•		•		<b>^</b>		•		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	<b>\$</b> \$	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	<b>P</b> 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><b>—</b>—</th><th></th><th></th><th></th><th></th><th></th><th>2016</th><th>2016</th></t<>	xpen	se Detail			<b>—</b> —						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><b>3 3</b></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<>		<b>3 3</b>									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><b>•</b></td> <td></td> <td>*</td> <td>.,</td> <td>• .,</td> <td>Ŷ</td> <td></td> <td>00.207</td>			¥	.,	<b>•</b>		*	.,	• .,	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	<b>^</b>	200	<b>^</b>	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	•		•		<b>A</b> 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 &amp; 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%

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#### Rivanna Water & Sewer Authority FY 2017 Adopted Budget

Scottsville Wastewater Summary			F١	<b>′ 2016</b>				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 <b>10,288</b>	\$	86 <b>5,181</b>	\$	172 <b>10,362</b>	\$	100 <b>9,811</b>	0.00% - <b>4.64%</b>
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         \$		<b>a</b>		- 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><b>•</b></td><td>•</td><td></td><td></td></t<>	00400		•		•		•		<b>•</b>	•		
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	<b>Equipment Purchases</b> 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
<b>Operations Budget</b>					
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					<b>a</b>						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	<b>^</b>	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	<b>φ</b> 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		¢		¢		<b>^</b>		¢		
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%

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#### 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 <sup>-</sup> 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	<b>Operation &amp; Maintenance</b>									
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	<b>Operation &amp; Maintenance</b>									
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	<b>^</b>	-	•	-	•	-		-	•	-	
	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	<sup>20</sup> 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	<b>^</b>	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	\$ <sup>,</sup>	14,904,462		7,353,445		<b>15,169,341</b> n Admin.	\$ 1	<b>5,407,100</b> (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

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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	\$ <b>517,648</b> 4.65%	\$ <b>212,412</b> 4.24%	\$ <b>305,236</b> 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%