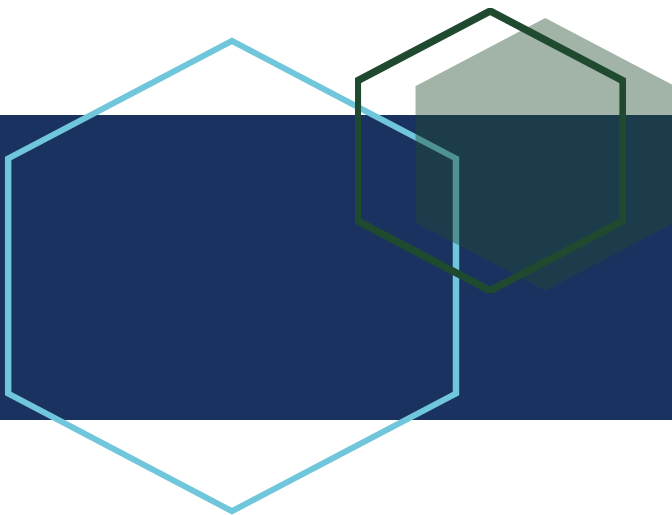




Proposed Budget

Fiscal Year 2021 - 2022

For the RWSA Board of Directors



May 26, 2020

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RIVANNA WATER & SEWER AUTHORITY

FY 2021 Proposed Budget

Prepared: May 1, 2020

Adopted: Draft 4

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Budget Highlights

***- Executive Summary Narrative
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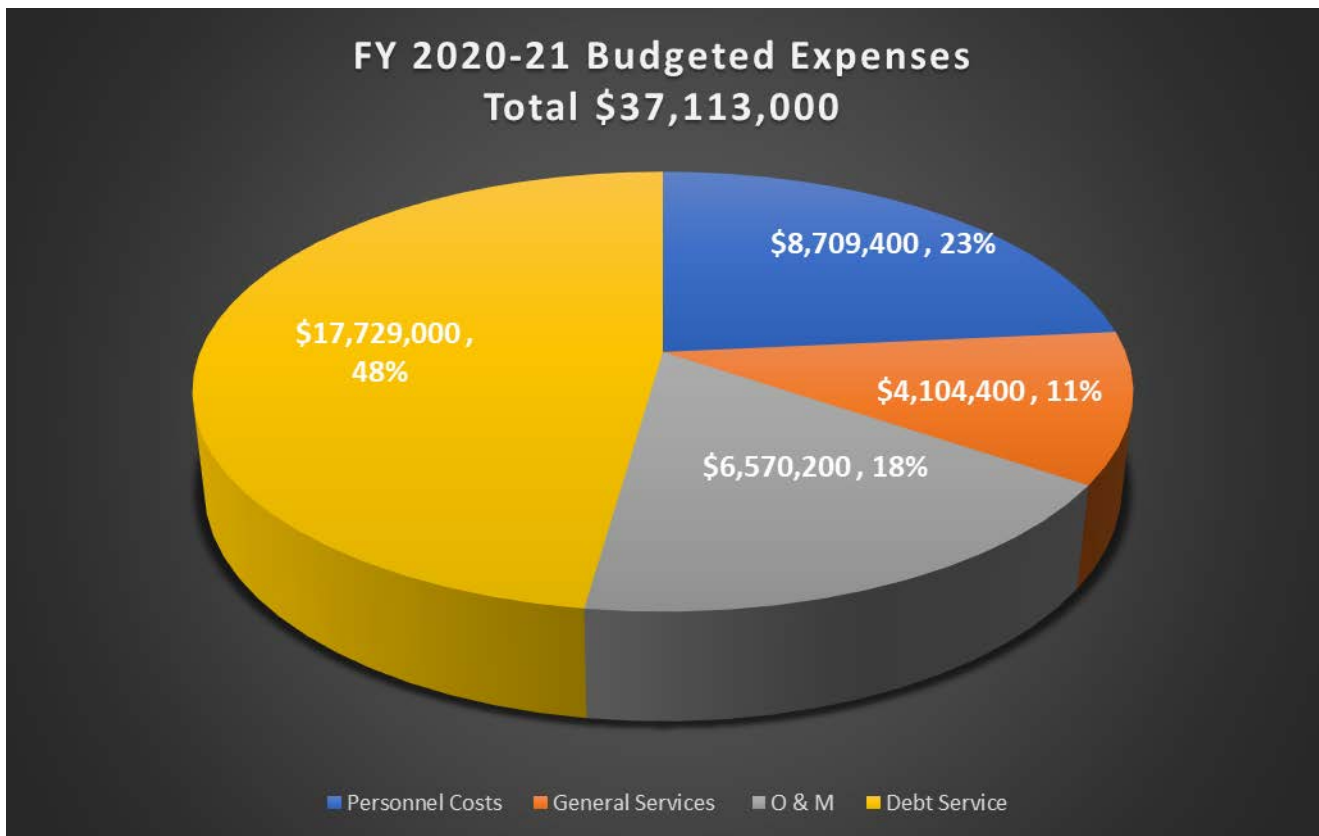
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Rivanna Water and Sewer Authority
Proposed
FY 2020-2021 Budget

Budget Overview

The Rivanna Water and Sewer Authority provides wholesale drinking water and wastewater treatment services for the City of Charlottesville and the Albemarle County Service Authority (ACSA). An FY 2020-2021 budget of \$37,133,000 is proposed to strategically provide these water and wastewater services in a financially responsible manner for our customers and the community. The FY 2020-2021 budget has been minimized to reflect the current economic challenges of our community, and proposes only essential increases of \$163,000 in Operating expenses and \$783,000 in scheduled Debt Service charges for our Capital Improvement Program, for a total budget increase of \$946,000, or 2.6%. These cost increases will be funded from our reserves to maintain charges to the City and to the ACSA at FY 2019-2020 levels. The proposed budget does not include any additional programs, positions or salary increases for staff.

The proposed budget includes \$19,384,000 for Operating expenses and \$17,729,000 for Debt Service charges. Operating expenses include Personnel costs (staff salaries and benefits), General Services costs (professional and nonprofessional contract services, utilities, insurance, permits, and data/voice communications), and Operation and Maintenance costs (chemicals, building repairs, equipment maintenance, technology and depreciation). Debt Service charges represent 48% of our budget, and provide funding to construct and renew our major infrastructure including water and wastewater treatment plants, pumping stations, piping systems and reservoir facilities.



**Rivanna Water and Sewer Authority
Proposed
FY 2020-2021 Budget**

In the Urban Rate Centers, Operating rates and Debt Service charges will remain unchanged from FY 2019 – 2020 levels:

- \$2.095 per 1000 gallons for water
- \$2.369 per 1000 gallons for wastewater

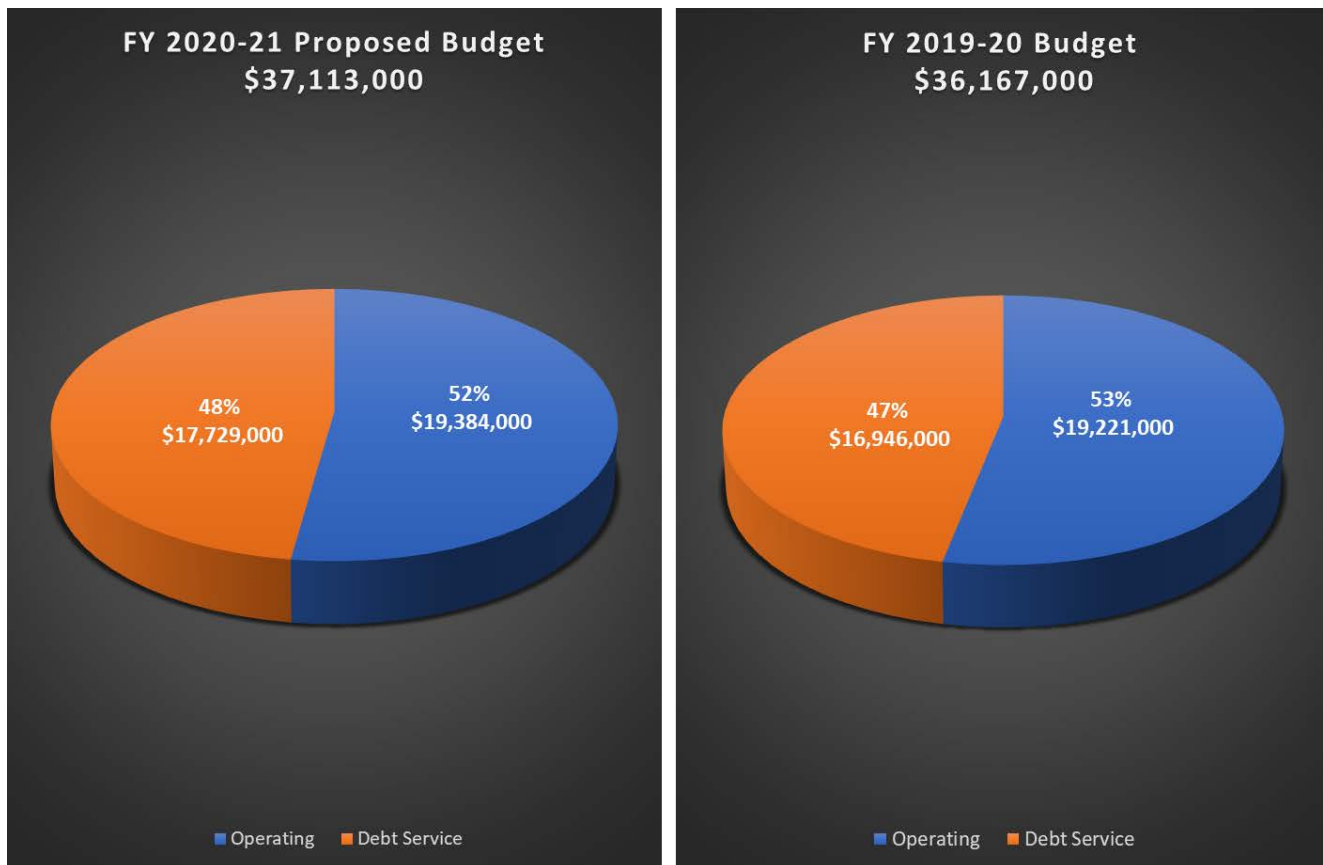
Monthly Debt Service charges to the City will remain unchanged from FY 2019 – 2020 levels:

- \$193,580 for Urban water
- \$407,588 for Urban wastewater

Monthly Debt Service charges to the ACSA will remain unchanged from FY 2019 – 2020 levels:

- \$321,303 for Urban water
- \$278,174 for Urban wastewater
- \$249,140 for Non-Urban water
- \$57,728 for Non-Urban wastewater

The FY 2020-2021 budget proposes an increase of \$163,000 in Operating expenses and an increase of \$783,000 in Debt Service charges for a total budget increase of \$946,000, as shown below:



**Rivanna Water and Sewer Authority
Proposed
FY 2020-2021 Budget**

A brief description of those increases includes:

A. Increase in Operating Expenses:	\$163,000
1. Personnel:	\$148,400
a. <u>Health Insurance:</u>	\$120,400
Based on health care renewal premiums negotiated with our insurance provider, Anthem, and anticipated enrollment increases.	
b. <u>Net changes to personnel and benefits:</u>	\$28,000
Reclassification of a Maintenance position to Civil Engineer in FY 2019-2020.	
2. Water and Wastewater Programs, Misc. Net Changes:	\$15,000
a. Rent for the Observatory Water Treatment Plant:	\$67,500
B. Increase in Debt Service Charges:	\$783,000

Actual Water and Wastewater Flows

Actual water and wastewater retail flows reported by the City and ACSA are used to allocate the Urban Area operating rates and charges. Based on FY 2019 actual retail flow data, the allocation for Urban Wastewater flow shifted 1% (equals \$80,300 for Debt Service, and 2% change in allocated costs) between the two customers, while the allocation for Urban Water was unchanged.

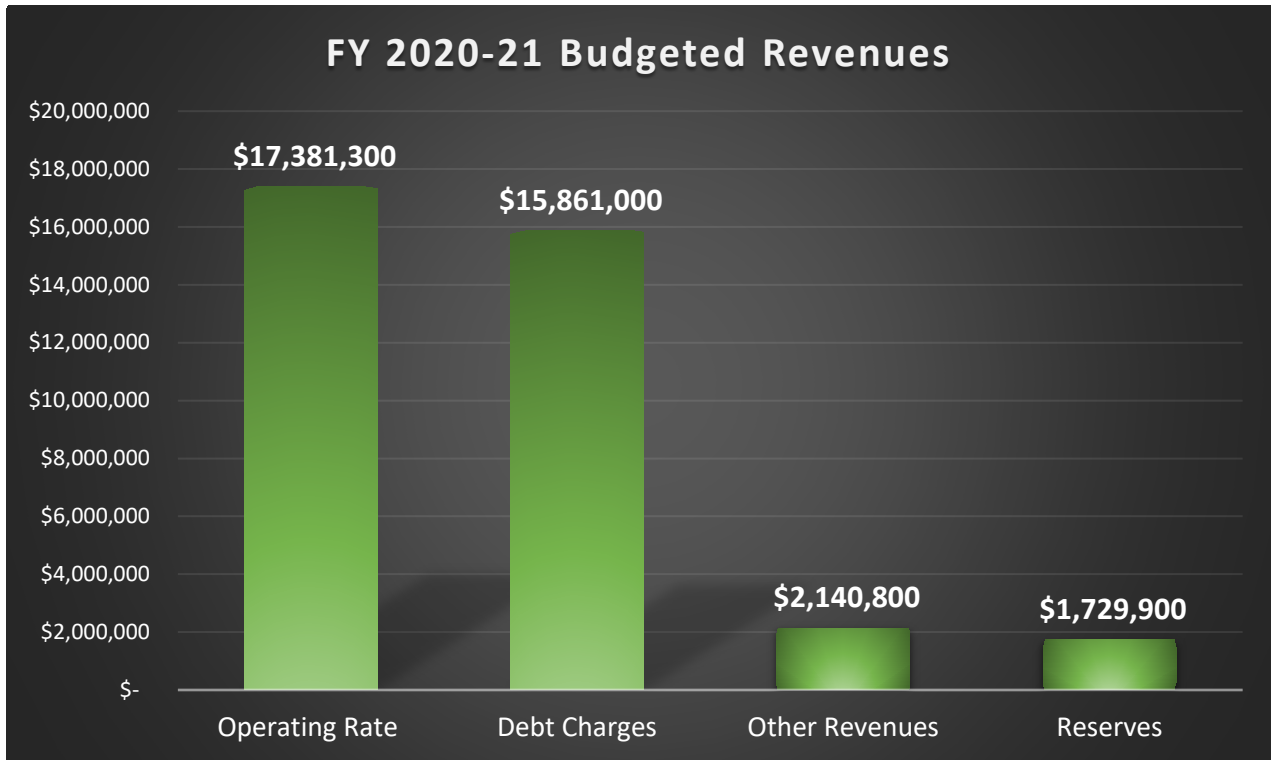
Allocation of flows (based on retail flows):

	<u>FY 2021</u>	<u>FY 2020</u>
City Wastewater	49%	50%
ACSA Wastewater	51%	50%
City Water	51%	51%
ACSA Water	49%	49%

Rivanna Water and Sewer Authority
Proposed
FY 2020-2021 Budget

Revenues & Expenses

Revenues for FY 2020 - 2021 are driven by estimated Operating Rate revenues of \$17,381,300, Debt Service charges of \$15,861,000, other non-customer revenues of \$2,140,800, and use of reserves of \$1,729,900 as shown below:

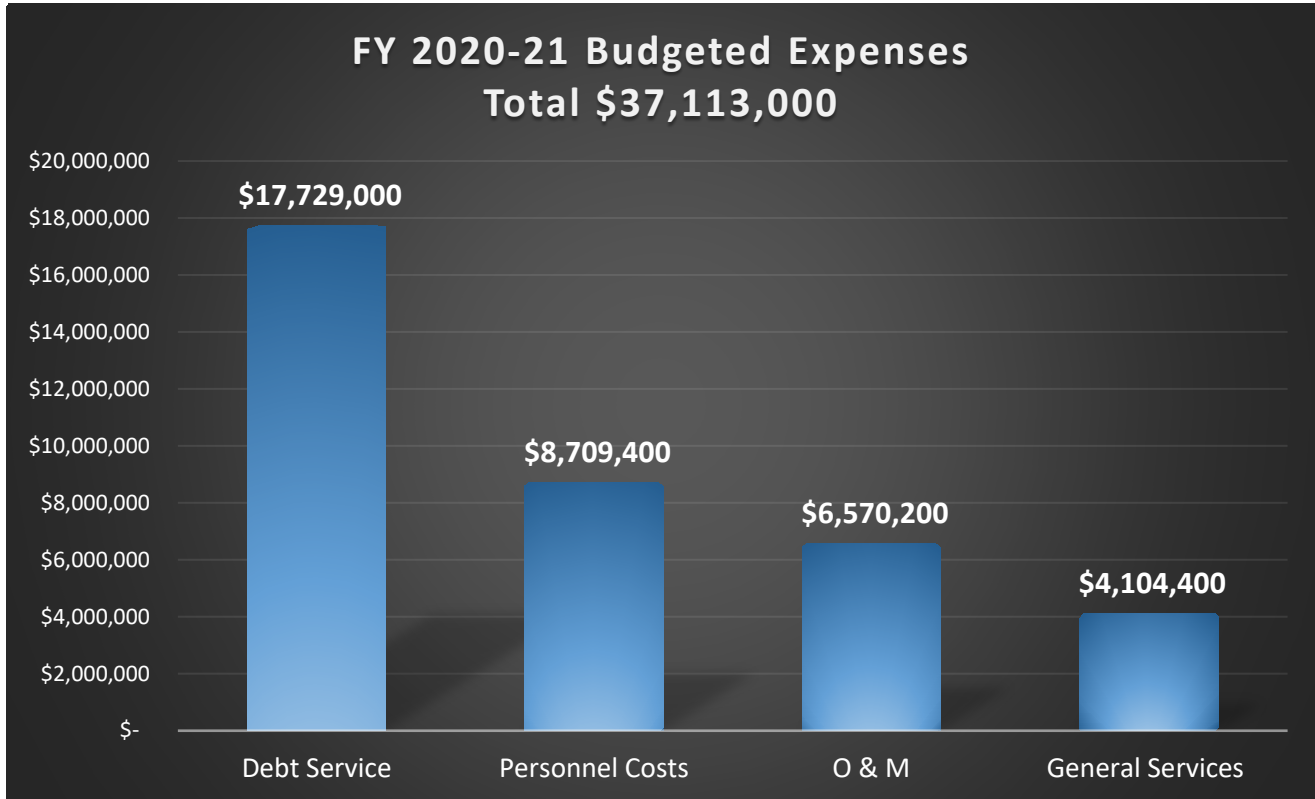


The Authority's overall ratio of Operating expenses and Debt Service costs are similar to the last several years, with Operating expenses representing roughly 52% of the total budget and Debt Service costs being 48% of the total budget.

Expenses are largely allocated to four major categories. Debt Service costs related to capital expenses are \$17,729,000. These expenses are estimated to increase \$783,000 over the FY 2019 – 20 level to support major projects including the Water Treatment Plant Upgrades, Crozet Wastewater Equalization Tank and Beaver Creek Dam and Pump Station Improvements.

Rivanna Water and Sewer Authority
Proposed
FY 2020-2021 Budget

Personnel and Benefit costs are the second largest expense with \$8,709,400 in estimated costs. Costs for Operations and Maintenance, which includes chemicals, building repairs, equipment maintenance, IT/SCADA, supplies and materials, and depreciation, will total approximately \$6,570,200. General Service costs, which includes professional and nonprofessional contract services, utilities, insurance, permits, and data / voice communications, are anticipated to be \$4,104,400, as shown below:



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

Rivanna Water and Sewer Authority
Proposed
FY 2020-2021 Budget

	<u>Line Item</u>	<u>Notable Items</u>	<u>Budget Change over Prior year</u>
<u>Personnel cost in general</u>			
• Merit of 4.0% Deleted	11000	\$ -	
• Personnel/Position changes:			
3 new positions (Finance, IT Tech, Water Operator) Deleted	11000	-	
Upgrade Maint. position to Civil Eng. (Already approved)	11000	40,000	
Benefit costs related to personnel changes	11XXX	16,000	
• Health Care Benefit premium renewal and enrollment increases	12020	120,400	
• All other Personnel related changes		<u>(28,003)</u>	
Total change in personnel and benefit costs			\$ 148,400
<u>General overall changes</u>			
• Professional Services - Engineering	20300		
Urban Water - Drought Modeling		\$ 15,000	
Urban Water - GAC and Corrosion support		65,700	
Scottsville Water - PER Alternative Chemical, PAC feed, ATS		50,000	
Urban Wastewater - WW Flow Agreement Consulting		50,000	
Urban Wastewater - PER Corrosion, Caustic Chemical Changes		45,000	
All Departments - ARC Flash Study and Labeling		<u>154,000</u>	
Total Requested FY2021		379,700	
FY 2020 Budget		<u>(512,050)</u>	
		\$ (132,350)	\$ (132,350)
<u>Urban Water</u>			
• Utilities - Hydro agreement with Dominion terminated	21400		\$ 220,000
• Leases - Uva Lease agreement	41150		67,500
<u>Urban Wastewater</u>			
• Rental and Leases - Temporary boiler 6 months	81200		67,250
<u>All other Dept and Rate Centers</u>			
• Admin. Salary Survey and Health Insurance consultant	20200		54,000
• Engineering - Building rental & roof replacement	41100 & 41150		20,000
• Safety Programs - Maintenance (LOTO support)	21253		37,500
• All other changes			(318,200)
FY 2021 Total increases in estimated operating expenses			\$ 164,100
Rounding Adjustment			(1,100)
			\$ 163,000

Rivanna Water and Sewer Authority
Proposed
FY 2020-2021 Budget

Debt Service & Capital

Debt service needs for the Capital Improvement Plan (CIP) are included in the budget request for the coming year. The overall FY 21-25 CIP totals \$132.5 million, an increase of \$35.3 million as compared to the FY 20-24 CIP. In FY 2025, there were 14 projects totaling \$17.7 million which transitioned into the five-year CIP. In addition, there was a \$15.5 million increase in existing and reprioritized projects, as well as a \$4.7 million increase for new projects. A more detailed look at the new and adjusted costs can be found in the proposed FY 2021 – 2025 CIP, which is a separate document and can be reviewed at <http://www.rivanna.org/financials-and-procurement/>.

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

Project Cost	2020-2024 Adopted CIP	Projects Completed	New or Additional Project Costs	2021-2025 Adopted CIP	Change \$	Change %
Urban Water Projects	\$ 61,501,900	\$ (4,654,000)	\$ 18,130,000	\$ 74,977,900	\$ 13,476,000	22%
Urban Wastewater Projects	14,753,000	-	7,767,000	22,520,000	7,767,000	34%
Shared Projects	2,596,000	(442,000)	2,099,000	4,253,000	1,657,000	39%
Non-Urban Projects	18,353,000	-	12,405,000	30,758,000	12,405,000	40%
Total Project Cost Estimates	\$ 97,203,900	\$ (5,096,000)	\$ 40,401,000	\$ 132,508,900	\$ 35,305,000	27%

The Authority has programmed into the FY 2021 budget charges that fund the additional debt service anticipated by the proposed CIP. Cumulatively, the Authority has built 35% of future debt service costs into the rates and charges for all rate centers for FY 2021. This is done by using the CIP as a guide for future debt needs to include an average charge increase over that five-year period. This helps to prevent the large spikes in charges for any given year in which new debt is actually issued - effectively leveling the impact on charges. For example, Urban Water current charges have nearly 37% of the needed future debt service revenues already built into the charges to cover the total needed for the next five years (\$3.43 million in annual debt service is estimated to be needed in the next 5 years, and \$1.275 will already be programmed into the charges). This would require the remaining \$2.155 million to be included in the future debt service charge as an annual increase ($2.155 / 5 = \$431,000$) over the next five years to fund the Water projects within the CIP.

	Next Five Years		
	Annual Estimated NEW Debt Service related to 5-year CIP <u>New Debt</u>	New Debt Service Cost built into FY 2021 Rates	Percentage of Debt Service in Adopted FY 2021 Charges
Urban Water	\$3,430,000	\$1,275,800	37.2%
Urban Wastewater	\$904,000	\$365,100	40.4%
Non-Urban Rate Centers	\$1,223,900	\$311,800	25.5%
	\$5,557,900	\$1,952,700	35.1%

Rivanna Water and Sewer Authority Proposed FY 2020-2021 Budget

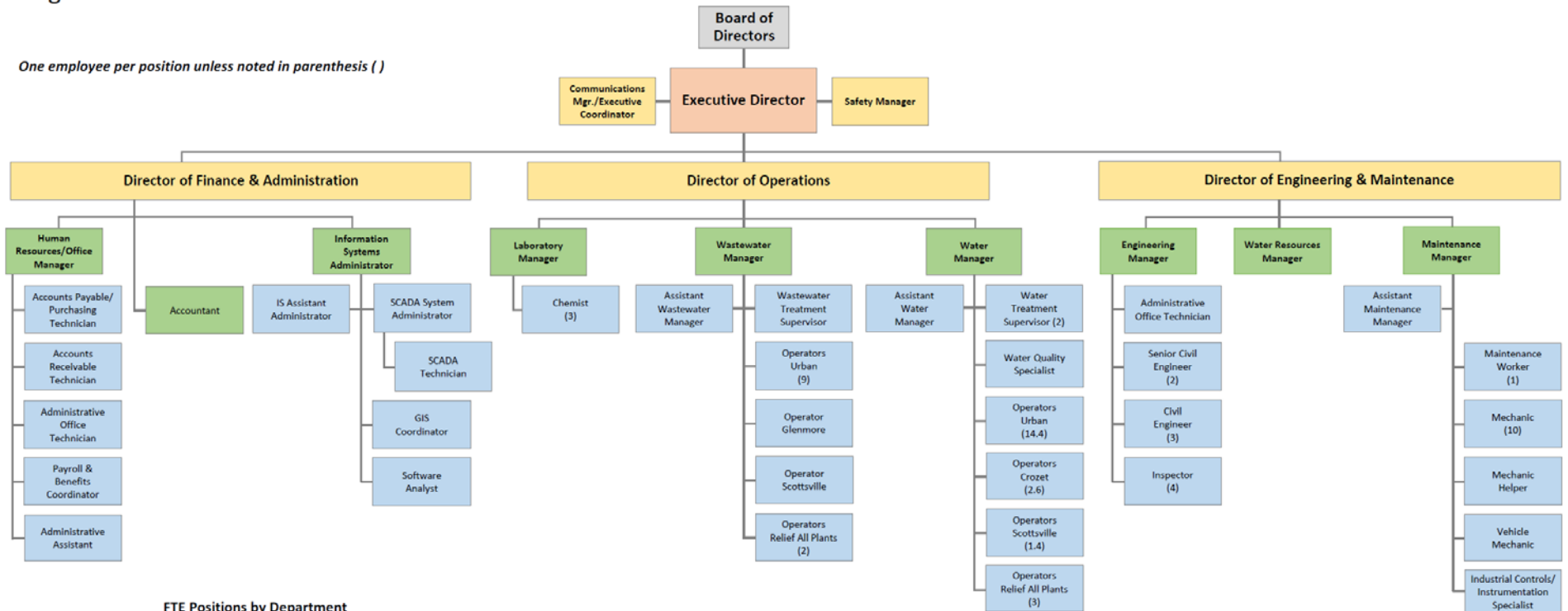
Proposed FY 2020-2021 Organization Chart

Rivanna Water & Sewer Authority Organizational Chart

FY 2020-2021 Proposed Budget

Version No. 2

One employee per position unless noted in parenthesis ()



FTE Positions by Department

Department	FY 19-20 FTE	FY 20-21 FTE	Change + / (-)
Administration	11	11	No Change
IT/SCADA	6	6	No Change
Engineering	13	13	No Change
Maintenance	16	16	No Change
Operations	1	1	No Change
Laboratory	4	4	No Change
Wastewater	16	16	No Change
Water	26.4	26.4	No Change
Total	93.4	93.4	0

★ FY 2020-2021 FTE Changes

No changes being recommended

(FTE = Full Time Equivalent)

Budget Details

Pages 1 - 64

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Departmental Summary of Revenues and Expenses

Summary of Revenues

	FY 2020	FY 2021	\$ Change	% Change
Operations Revenues				
Urban Water	\$ 7,802,000	\$ 7,802,000	-	0.00%
Crozet Water	1,113,000	1,087,000	(26,000)	-2.34%
Scottsville Water	537,000	531,000	(6,000)	-1.12%
Urban Wastewater	8,610,000	8,713,000	103,000	1.20%
Glenmore Wastewater	371,000	396,000	25,000	6.74%
Scottsville Wastewater	310,000	310,000	-	0.00%
Administration	468,000	545,000	77,000	16.45%
Maintenance	10,000	-	(10,000)	
Lab	-	-	-	
Engineering	-	-	-	
Total	\$ 19,221,000	\$ 19,384,000	\$ 163,000	0.85%
Debt Service Revenues				
Urban Water	\$ 6,747,000	\$ 7,231,000	484,000	7.17%
Crozet Water	1,338,000	1,537,000	199,000	14.87%
Scottsville Water	139,000	138,000	(1,000)	-0.72%
Urban Wastewater	8,702,000	8,802,000	100,000	1.15%
Glenmore Wastewater	7,000	7,000	-	0.00%
Scottsville Wastewater	13,000	14,000	1,000	7.69%
Total	\$ 16,946,000	\$ 17,729,000	\$ 783,000	4.62%
Total Revenues	\$ 36,167,000	\$ 37,113,000	\$ 946,000	2.62%

Summary of Expenses

	FY 2020	FY 2021	\$ Change	% Change
Operations Expenses				
Urban Water	\$ 5,498,000	\$ 5,445,000	(53,000)	-0.96%
Crozet Water	895,000	865,000	(30,000)	-3.35%
Scottsville Water	400,000	393,000	(7,000)	-1.75%
Urban Wastewater	5,835,000	5,908,000	73,000	1.25%
Glenmore Wastewater	265,000	289,000	24,000	9.06%
Scottsville Wastewater	211,000	210,000	(1,000)	-0.47%
Administration	2,480,000	2,492,000	12,000	0.48%
Maintenance	1,611,000	1,536,000	(75,000)	-4.66%
Lab	473,000	517,000	44,000	9.30%
Engineering	1,553,000	1,729,000	176,000	11.33%
Total	\$ 19,221,000	\$ 19,384,000	\$ 163,000	0.85%
Debt Service Expenses				
Urban Water	\$ 6,747,000	\$ 7,231,000	484,000	7.17%
Crozet Water	1,338,000	1,537,000	199,000	14.87%
Scottsville Water	139,000	138,000	(1,000)	-0.72%
Urban Wastewater	8,702,000	8,802,000	100,000	1.15%
Glenmore Wastewater	7,000	7,000	-	0.00%
Scottsville Wastewater	13,000	14,000	1,000	7.69%
Total	\$ 16,946,000	\$ 17,729,000	\$ 783,000	4.62%
Total Expenses	\$ 36,167,000	\$ 37,113,000	\$ 946,000	2.62%

Total Budgetary Surplus/ (Deficit)	\$	-	\$	-	\$	-
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These figures are rounded from the detail pages of this budget model and some immaterial differences will be present.

Summary of Itemized Rates

URBAN RATE CENTERS		FY 2020	FY 2021	\$ Change	% Change
<u>Operating Rates</u> (\$ per 1,000 Gallons)					
Operations	Water	\$ 2.095	\$ 2.095	\$ -	0.00%
Operations	Wastewater	2.369	2.369	-	0.00%
<u>Debt Service Charges</u> (\$ Monthly Charge)					
<u>Water</u>					
Debt Service	CITY	\$ 193,580	\$ 193,580	\$ -	0.00%
Debt Service	ACSA	321,303	321,303	-	0.00%
<u>Wastewater</u>					
Debt Service	CITY	\$ 407,588	\$ 407,588	\$ -	0.00%
Debt Service	ACSA	278,174	278,174	-	0.00%
OTHER RATE CENTERS (Monthly)		FY 2020	FY 2021	\$ Change	% Change
<u>Crozet Water</u>					
Operations		\$ 85,734	\$ 85,734	\$ -	0.00%
Debt Service		109,276	109,276	-	0.00%
<u>Scottsville Water</u>					
Operations		\$ 43,401	\$ 43,401	\$ -	0.00%
Debt Service		10,729	10,729	-	0.00%
Water Total		\$ 249,140	\$ 249,140	\$ -	0.00%
<u>Glenmore Wastewater</u>					
Operations		\$ 30,877	\$ 30,877	\$ -	0.00%
Debt Service		315	315	-	0.00%
<u>Scottsville Wastewater</u>					
Operations		\$ 25,749	\$ 25,749	\$ -	0.00%
Debt Service		787	787	-	0.00%
Wastewater Total		\$ 57,728	\$ 57,728	\$ -	0.00%
Total Monthly Other Rate Center Charges - ACSA		\$ 306,868	\$ 306,868	\$ -	0.00%

Summary of Charges to Customers

	<u>FY 2020</u>	<u>FY 2021</u>	<u>Change</u> <u>\$</u>	<u>Change</u> <u>%</u>
<u>City - Charges From RWSA</u>				
Urban Water				
Operating Rate Charges	\$ 3,630,500	\$ 3,630,500	\$ -	0.0%
Debt Service Charges	2,323,000	2,323,000	-	0.0%
	<u>\$ 5,953,500</u>	<u>\$ 5,953,500</u>	<u>\$ -</u>	<u>0.0%</u>
Urban Wastewater				
Operating Rate Charges	\$ 4,016,800	\$ 3,936,500	\$ (80,300)	-2.0%
Debt Service Charges	4,891,100	4,891,100	-	0.0%
	<u>\$ 8,907,900</u>	<u>\$ 8,827,600</u>	<u>\$ (80,300)</u>	<u>-0.9%</u>
Total City Charges	<u>\$ 14,861,400</u>	<u>\$ 14,781,100</u>	<u>\$ (80,300)</u>	<u>-0.5%</u>

<u>ACSA - Charges From RWSA</u>				
Urban Water				
Operating Rate Charges	\$ 3,488,100	\$ 3,488,100	\$ -	0.0%
Debt Service Charges	3,855,600	3,855,600	-	0.0%
	<u>\$ 7,343,700</u>	<u>\$ 7,343,700</u>	<u>\$ -</u>	<u>0.0%</u>
Urban Wastewater				
Operating Rate Charges	\$ 4,016,800	\$ 4,097,100	\$ 80,300	2.0%
Debt Service Charges	3,338,100	3,338,100	-	0.0%
	<u>\$ 7,354,900</u>	<u>\$ 7,435,200</u>	<u>\$ 80,300</u>	<u>1.1%</u>
Other Rate Centers				
Operating Charges	\$ 2,229,100	\$ 2,229,100	\$ -	0.0%
Debt Service Charges	1,453,300	1,453,300	-	0.0%
	<u>\$ 3,682,400</u>	<u>\$ 3,682,400</u>	<u>\$ -</u>	<u>0.0%</u>
Total ACSA Charges	<u>\$ 18,381,000</u>	<u>\$ 18,461,300</u>	<u>\$ 80,300</u>	<u>0.4%</u>

<u>RWSA Customer Revenue Charges</u>				
Operating Rate Revenues				
Urban Water	\$ 7,118,600	\$ 7,118,600	\$ -	0.0%
Urban Wastewater	8,033,600	8,033,600	-	0.0%
Other Rate Centers	2,229,100	2,229,100	-	0.0%
	<u>\$ 17,381,300</u>	<u>\$ 17,381,300</u>	<u>\$ -</u>	<u>0.0%</u>
Debt Service Rate Revenues				
Urban Water	\$ 6,178,600	\$ 6,178,600	\$ -	0.0%
Urban Wastewater	8,229,200	8,229,200	-	0.0%
Other Rate Centers	1,453,300	1,453,300	-	0.0%
	<u>\$ 15,861,100</u>	<u>\$ 15,861,100</u>	<u>\$ -</u>	<u>0.0%</u>
Total RWSA Customer Revenues	<u>\$ 33,242,400</u>	<u>\$ 33,242,400</u>	<u>\$ -</u>	<u>0.0%</u>

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Water Rate Centers

Rivanna Water and Sewer Authority

Fiscal Year 2020-2021

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Urban Water Summary

	FY 2020			FY 2021	
	Budgeted FY 2020	Actual for 6 months	Projected 12 months	Proposed Budget	Budget % Change
Projected Flow (MGD)	9.309			9.309	0.00%

Operations Budget

Projected Revenues

Operations Rate	\$ 2.095			\$ 2.095	0.00%
Revenue	\$ 7,118,541	\$ 3,809,452	\$ 7,618,904	\$ 7,118,541	0.00%
Lease Revenues	70,000	40,507	81,014	75,000	7.14%
Use of Reserves	600,000	-	600,000	500,000	-16.67%
Miscellaneous	-	193,294	193,294	-	
Rate Stabilization Reserves				94,254	
Interest Allocation	13,200	9,239	18,478	14,600	10.61%
Total Operations Revenues	\$ 7,801,741	\$ 4,052,492	\$ 8,511,690	\$ 7,802,395	0.01%

Projected Expenses

Personnel Cost	\$ 1,861,134	\$ 927,867	\$ 1,845,842	\$ 1,918,361	3.07%
Professional Services	207,200	175,788	351,576	134,000	-35.33%
Other Services and Charges	574,963	385,843	755,819	738,130	28.38%
Communications	65,100	39,832	75,858	76,000	16.74%
Information Technology	77,000	22,093	74,186	85,500	11.04%
Supplies	6,100	2,799	5,598	5,745	-5.82%
Operations and Maintenance	2,375,590	1,228,512	2,787,271	2,159,300	-9.10%
Equipment Purchases	31,500	12,924	22,500	28,000	-11.11%
Depreciation & Reserves	300,000	150,000	300,000	300,000	0.00%
Subtotal Before Allocations	\$ 5,498,587	\$ 2,945,658	\$ 6,218,650	\$ 5,445,036	-0.97%
Allocation of Support Departments	2,303,154	1,178,594	2,357,342	2,357,359	2.35%
Total Operations Expenses	\$ 7,801,741	\$ 4,124,252	\$ 8,575,992	\$ 7,802,395	0.01%

Operations Cost per 1,000 gallons	\$2.296			\$2.296	0.00%
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Debt Service Budget

Projected Revenue

Debt Service Rates					
	CITY	193,580		193,580	0.00%
	ACSA	321,303		321,303	0.00%
Debt Service Rate Revenue - CITY	\$ 2,322,960	\$ 1,161,480	\$ 2,322,960	\$ 2,323,007	0.00%
Debt Service Rate Revenue - ACSA	3,855,638	1,927,818	3,855,636	3,855,638	0.00%
Trust Fund Interest	54,000	29,468	58,936	49,000	-9.26%
Reserve Fund Interest	387,000	198,656	397,312	339,600	-12.25%
Buck Mtn. Surcharge	125,900	69,600	69,600	-	-100.00%
Use of Reserves				662,000	
Lease Revenue	1,600	4,364	8,728	1,600	0.00%
Total Debt Service Revenue	\$ 6,747,098	\$ 3,391,386	\$ 6,713,172	\$ 7,230,845	7.17%

Principal, Interest & Reserves

Total Principal & Interest	\$ 5,223,498	2,611,749	\$ 5,223,498	\$ 5,215,445	-0.15%
Reserve Additions - Interest	387,000	198,656	397,312	339,600	-12.25%
Debt Service Ratio Charge	400,000	200,000	400,000	400,000	0.00%
Est. New Debt Service - CIP Growth	736,600	368,300	736,600	1,275,800	73.20%
Total Debt Principal and Interest	\$ 6,747,098	\$ 3,378,705	\$ 6,757,410	\$ 7,230,845	7.17%

Rate Center Summary

Total Revenues	\$ 14,548,839	\$ 7,443,878	\$ 15,224,862	\$ 15,033,240	3.33%
Total Expenses	14,548,839	7,502,957	15,333,402	15,033,240	3.33%
Surplus/(Deficit)	\$ -	\$ (59,079)	\$ (108,540)	\$ -	

Rivanna Water and Sewer Authority
Fiscal Year 2020-2021 Proposed Budget
Expense Detail

Rate Center: Urban Water

Object Code	Line Item	Adopted Budget FY 2019-2020	Current Year Activity		Proposed Budget FY 2020-2021	2020	2020
			Six Month Actual 12/31/2019	Projected Year end 6/30/2020		vs. 2021 Variance \$	vs. 2021 Variance %
Salaries & Benefits							
10000	Salaries	\$ 1,155,180	\$ 603,484	\$ 1,206,968	\$ 1,169,750	\$ 14,570	1.26%
11010	Overtime & Holiday Pay	135,000	71,830	143,660	165,000	30,000	22.22%
12010	FICA	98,699	50,193	100,386	102,108	3,409	3.45%
12020	Health Insurance	266,894	116,608	233,216	288,200	21,306	7.98%
12026	Employee Assistance Program	300	88	176	350	50	16.67%
12030	Retirement	111,128	46,654	93,308	105,278	(5,850)	-5.26%
12040	Life Insurance	15,133	7,194	14,388	15,675	542	3.58%
12050	Fitness Program	3,700	1,682	3,364	3,700	-	0.00%
12060	Worker's Comp Insurance	24,600	14,838	19,784	24,600	-	0.00%
	Subtotal	\$ 1,810,634	\$ 912,571	\$ 1,815,250	\$ 1,874,661	\$ 64,027	3.54%
Other Personnel Costs							
13000	Employee Dues & Licenses	\$ 2,000	\$ 78	\$ 156	\$ 1,500	\$ (500)	-25.00%
13150	Education & Training	21,700	5,540	11,080	15,700	(6,000)	-27.65%
13200	Travel & Lodging	7,900	94	188	5,000	(2,900)	-36.71%
13250	Uniforms	15,400	8,400	16,800	17,000	1,600	10.39%
13325	Recruiting & Medical Testing	2,000	723	1,446	2,000	-	0.00%
13350	Other	1,500	461	922	2,500	1,000	66.67%
	Subtotal	\$ 50,500	\$ 15,296	\$ 30,592	\$ 43,700	\$ (6,800)	-13.47%
Professional Services							
20100	Legal Fees	\$ 20,000	\$ 78,559	\$ 157,118	\$ 20,000	\$ -	0.00%
20200	Financial & Admin. Services	-	-	-	-	-	-
20250	Bond Issue Costs	-	-	-	-	-	-
20300	Engineering & Technical Services	187,200	97,229	194,458	114,000	(73,200)	-39.10%
	Subtotal	\$ 207,200	\$ 175,788	\$ 351,576	\$ 134,000	\$ (73,200)	-35.33%
Other Services and Charges							
21100	General Liability/Property Ins.	\$ 40,400	\$ 23,801	\$ 31,735	\$ 35,000	\$ (5,400)	-13.37%
21150	Advertising & Communication	-	-	-	3,000	3,000	-
21250	Watershed Management	87,000	42,092	84,184	55,000	(32,000)	-36.78%
21252	EMS Programs/Supplies	500	-	-	1,000	500	100.00%
21253	Safety Programs/Supplies	43,313	19,741	39,482	32,130	(11,183)	-25.82%
21300	Authority Dues/Permits/Fees	6,000	4,677	9,354	6,000	-	0.00%
21350	Laboratory Analysis	57,750	26,901	53,802	56,000	(1,750)	-3.03%
21400	Utilities	260,000	241,168	482,336	480,000	220,000	84.62%
21420	General Other Services	80,000	27,463	54,926	70,000	(10,000)	-12.50%
21430	Governance & Strategic Support	-	-	-	-	-	-
21450	Bad Debt	-	-	-	-	-	-
	Subtotal	\$ 574,963	\$ 385,843	\$ 755,819	\$ 738,130	\$ 163,167	28.38%
Communication							
22000	Radio	\$ 4,700	\$ 4,253	\$ 4,700	\$ 5,000	\$ 300	6.38%
22150	Telephone & Data Service	50,000	31,737	63,474	61,000	11,000	22.00%
22200	Cell Phones & Pagers	10,400	3,842	7,684	10,000	(400)	-3.85%
	Subtotal	\$ 65,100	\$ 39,832	\$ 75,858	\$ 76,000	\$ 10,900	16.74%
Information Technology							
31000	Computer Hardware	\$ 12,000	\$ 1,178	\$ 2,356	\$ 12,000	\$ -	0.00%
31150	SCADA Maint. & Support	62,000	18,526	67,052	71,500	9,500	15.32%
31200	Maintenance & Support Services	500	327	654	500	-	0.00%
31250	Software Purchases	2,500	2,062	4,124	1,500	(1,000)	-40.00%
	Subtotal	\$ 77,000	\$ 22,093	\$ 74,186	\$ 85,500	\$ 8,500	11.04%
Supplies							
33000	Office Supplies	\$ 3,500	\$ 547	\$ 1,094	\$ 3,500	\$ -	0.00%
33150	Subscriptions/Reference Material	100	-	-	-	(100)	-100.00%
33350	Postage & Delivery	2,500	2,252	4,504	2,245	(255)	-10.20%
	Subtotal	\$ 6,100	\$ 2,799	\$ 5,598	\$ 5,745	\$ (355)	-5.82%
Operation & Maintenance							
41000	Building & Grounds	\$ 116,800	\$ 60,126	\$ 120,252	\$ 116,800	\$ -	0.00%
41150	Building & Land Lease	32,500	32,313	32,313	100,000	67,500	207.69%
41200	Pump Station Maintenance	5,000	2,013	4,026	5,000	-	0.00%
41300	Dam Maintenance	140,490	65,175	130,350	98,000	(42,490)	-30.24%
41350	Pipeline/Appurtenances	104,000	197,415	250,000	130,000	26,000	25.00%
41400	Materials, Supplies & Tools	69,000	53,856	107,712	50,000	(19,000)	-27.54%
41450	Chemicals	1,520,600	349,189	1,500,000	1,128,800	(391,800)	-25.77%
41500	Vehicle Maintenance	5,000	7,322	14,644	10,000	5,000	100.00%
41550	Equipment Repair, Replace, Maint.	200,000	101,358	202,716	250,000	50,000	25.00%
41600	Instrumentation & Metering	147,200	103,145	140,000	155,700	8,500	5.77%
41650	Fuel & Lubricants	15,000	12,629	25,258	25,000	10,000	66.67%
41700	General Other Maintenance	20,000	243,971	260,000	90,000	70,000	350.00%

**Rivanna Water and Sewer Authority
Fiscal Year 2020-2021 Proposed Budget
Expense Detail**

Rate Center: Urban Water

Object Code	Line Item	Adopted Budget FY 2019-2020	Current Year Activity		Proposed Budget FY 2020-2021	2020	2020
			Six Month Actual 12/31/2019	Projected Year end 6/30/2020		vs. 2021 Variance \$	vs. 2021 Variance %
<i>Subtotal</i>		\$ 2,375,590	\$ 1,228,512	\$ 2,787,271	\$ 2,159,300	\$ (216,290)	-9.10%
81000	Equipment Purchases						
81200	Rental & Leases	\$ 2,500	\$ 3,424	\$ 3,500	\$ -	\$ (2,500)	-100.00%
81250	Equipment (over \$10,000)	10,000	-	-	10,000	-	0.00%
81300	Vehicle Replacement Fund	19,000	9,500	19,000	18,000	(1,000)	-5.26%
<i>Subtotal</i>		\$ 31,500	\$ 12,924	\$ 22,500	\$ 28,000	\$ (3,500)	-11.11%
95000	Allocations from Departments						
95100	Administrative Allocation	\$ 885,060	\$ 438,955	\$ 888,351	\$ 856,542	\$ (28,518)	-3.22%
95300	Engineering Allocation	729,759	393,409	786,745	812,821	83,062	11.38%
95150	Maintenance Allocation	480,235	225,170	454,691	460,727	(19,508)	-4.06%
95200	Laboratory Allocation	208,100	121,060	227,555	227,269	19,169	9.21%
<i>Subtotal</i>		\$ 2,303,154	\$ 1,178,594	\$ 2,357,342	\$ 2,357,359	\$ 54,205	2.35%
Depreciation		\$ 300,000	\$ 150,000	\$ 300,000	\$ 300,000	\$ -	0.00%
<i>Subtotal</i>		\$ 300,000	\$ 150,000	\$ 300,000	\$ 300,000	\$ -	0.00%
Total		\$ 7,801,741	\$ 4,124,252	\$ 8,575,992	\$ 7,802,395	\$ 654	0.01%

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Crozet Water Summary

	FY 2020			FY 2021	Budget % Change
	Budgeted FY 2020	Actual for 6 months	Projected 12 months	Proposed Budget	
Projected Flow (MGD)	0.545			0.545	0.00%

Operations Budget

Projected Revenues

Operations Rate (monthly)

	\$ 85,734			\$ 85,734	0.00%
Revenue	\$ 1,028,808	\$ 514,404	\$ 1,028,808	\$ 1,028,808	0.00%
Leases	30,000	14,357	28,714	30,000	0.00%
Use of Reserves	52,000	-	52,000	26,000	-50.00%
Interest Allocation	1,800	1,285	2,570	2,100	16.67%
Total Operations Revenues	\$ 1,112,608	\$ 530,046	\$ 1,112,092	\$ 1,086,908	-2.31%

Projected Expenses

Personnel Cost	\$ 300,589	\$ 148,216	\$ 294,831	\$ 302,598	0.67%
Professional Services	12,850	-	12,850	15,000	16.73%
Other Services and Charges	137,816	54,837	108,496	142,360	3.30%
Communications	4,950	2,932	5,864	5,600	13.13%
Information Technology	2,600	740	2,250	2,250	-13.46%
Supplies	1,395	502	1,004	1,350	-3.23%
Operations and Maintenance	402,400	134,844	381,506	353,292	-12.20%
Equipment Purchases	2,500	1,250	2,500	3,000	20.00%
Depreciation	30,000	15,000	30,000	40,000	33.33%
Subtotal Before Allocations	\$ 895,100	\$ 358,321	\$ 839,301	\$ 865,450	-3.31%
Allocations of Support Departments	217,512	110,662	221,450	221,455	1.81%
Total Operations Expenses	\$ 1,112,612	\$ 468,983	\$ 1,060,751	\$ 1,086,905	-2.31%

Operations Cost per 1,000 gallons	\$5.593			\$5.464	-2.31%
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Debt Service Budget

Projected Revenue

Debt Service Rates (monthly)

	\$ 109,276			\$ 109,276	0.00%
Debt Service Rate Revenue - ACSA	\$ 1,311,312	\$ 655,656	\$ 1,311,312	\$ 1,311,312	0.00%
Trust Fund Interest	5,500	3,025	6,050	11,600	110.91%
Use of Reserves				198,252	
Reserve Fund Interest	21,500	10,977	21,954	15,700	-26.98%
Total Debt Service Revenue	\$ 1,338,312	\$ 669,658	\$ 1,339,316	\$ 1,536,864	14.84%

Principal, Interest & Reserves

Total Principal & Interest - Existing	\$ 1,230,815	\$ 615,408	\$ 1,230,816	\$ 1,217,569	-1.08%
Estimated New Principal & Interest	86,000	43,000	86,000	303,600	253.02%
Reserve Additions - Interest	21,500	10,977	21,954	15,700	-26.98%
Total Debt Principal and Interest	\$ 1,338,315	\$ 669,385	\$ 1,338,770	\$ 1,536,869	14.84%

Rate Center Summary

Total Revenues	\$ 2,450,920	\$ 1,199,704	\$ 2,451,408	\$ 2,623,772	7.05%
Total Expenses	2,450,927	1,138,368	2,399,521	2,623,774	7.05%
Surplus/(Deficit)	\$ (7)	\$ 61,336	\$ 51,887	\$ (2)	
Rates - (Monthly)					
ACSA	\$ 195,010			\$ 195,010	0.00%

Rivanna Water and Sewer Authority
Fiscal Year 2020-2021 Proposed Budget
Expense Detail

Rate Center: Crozet Water

Object Code	Line Item	Adopted Budget FY 2019-2020	Current Year Activity		Proposed Budget FY 2020-2021	2020	2020
			Six Month Actual 12/31/2019	Projected Year end 6/30/2020		vs. 2021 Variance \$	vs. 2021 Variance %
Salaries & Benefits							
10000	Salaries	\$ 184,970	\$ 96,264	\$ 192,528	\$ 185,300	\$ 330	0.18%
11010	Overtime & Holiday Pay	25,000	11,753	23,506	25,000	-	0.00%
12010	FICA	16,063	8,008	16,016	16,088	25	0.16%
12020	Health Insurance	43,369	18,557	37,114	46,400	3,031	6.99%
12026	Employee Assistance Program	50	14	28	50	-	0.00%
12030	Retirement	17,794	7,473	14,946	16,677	(1,117)	-6.28%
12040	Life Insurance	2,423	1,152	2,304	2,483	60	2.48%
12050	Fitness Program	600	267	534	600	-	0.00%
12060	Worker's Comp Insurance	4,000	2,401	3,201	4,000	-	0.00%
	Subtotal	\$ 294,269	\$ 145,889	\$ 290,177	\$ 296,598	\$ 2,329	0.79%
Other Personnel Costs							
13000	Employee Dues & Licenses	\$ 250	\$ 7	\$ 14	\$ 200	\$ (50)	-20.00%
13150	Education & Training	2,900	716	1,432	2,000	(900)	-31.03%
13200	Travel & Lodging	670	8	16	300	(370)	-55.22%
13250	Uniforms	2,000	1,379	2,758	2,600	600	30.00%
13325	Recruiting & Medical Testing	350	119	238	300	(50)	-14.29%
13350	Other	150	98	196	600	450	300.00%
	Subtotal	\$ 6,320	\$ 2,327	\$ 4,654	\$ 6,000	\$ (320)	-5.06%
Professional Services							
20100	Legal Fees	\$ -	\$ -	\$ -	\$ -	\$ -	-
20200	Financial & Admin. Services	-	-	-	-	-	-
20250	Bond Issue Costs	-	-	-	-	-	-
20300	Engineering & Technical Services	12,850	-	12,850	15,000	2,150	16.73%
	Subtotal	\$ 12,850	\$ -	\$ 12,850	\$ 15,000	\$ 2,150	-
Other Services and Charges							
21100	General Liability/Property Ins.	\$ 3,000	\$ 1,767	\$ 2,356	\$ 2,500	\$ (500)	-16.67%
21150	Advertising & Communication	-	-	-	-	-	-
21250	Watershed Management	25,000	-	-	25,000	-	0.00%
21252	EMS Programs/Supplies	-	-	-	-	-	-
21253	Safety Programs/Supplies	3,616	1,352	2,704	3,260	(356)	-9.85%
21300	Authority Dues/Permits/Fees	1,000	769	1,538	1,000	-	0.00%
21350	Laboratory Analysis	38,000	13,592	27,184	30,600	(7,400)	-19.47%
21400	Utilities	67,000	37,357	74,714	80,000	13,000	19.40%
21420	General Other Services	200	-	-	-	(200)	-100.00%
21430	Governance & Strategic Support	-	-	-	-	-	-
21450	Bad Debt	-	-	-	-	-	-
	Subtotal	\$ 137,816	\$ 54,837	\$ 108,496	\$ 142,360	\$ 4,544	3.30%
Communication							
22000	Radio	\$ 450	\$ 586	\$ 1,172	\$ 900	\$ 450	100.00%
22150	Telephone & Data Service	3,300	1,832	3,664	3,500	200	6.06%
22200	Cell Phones & Pagers	1,200	514	1,028	1,200	-	0.00%
	Subtotal	\$ 4,950	\$ 2,932	\$ 5,864	\$ 5,600	\$ 650	13.13%
Information Technology							
31100	Computer Hardware	\$ 1,250	\$ -	\$ 1,250	\$ 1,250	\$ -	0.00%
31150	SCADA Maint. & Support	1,000	740	1,000	1,000	-	0.00%
31200	Maintenance & Support Services	-	-	-	-	-	-
31250	Software Purchases	350	-	-	-	(350)	-100.00%
	Subtotal	\$ 2,600	\$ 740	\$ 2,250	\$ 2,250	\$ (350)	-13.46%
Supplies							
33000	Office Supplies	\$ 25	\$ -	\$ -	\$ -	\$ (25)	-100.00%
33150	Subscriptions/Reference Material	20	-	-	-	(20)	-100.00%
33350	Postage & Delivery	1,350	502	1,004	1,350	-	0.00%
	Subtotal	\$ 1,395	\$ 502	\$ 1,004	\$ 1,350	\$ (45)	-3.23%
Operation & Maintenance							
41000	Building & Grounds	\$ 40,000	\$ 6,242	\$ 10,000	\$ 23,100	\$ (16,900)	-42.25%
41150	Building & Land Lease	-	982	1,964	-	-	-
41200	Pump Station Maintenance	-	-	-	-	-	-
41300	Dam Maintenance	5,000	3,000	6,000	2,500	(2,500)	-50.00%
41350	Pipeline/Appurtenances	5,000	6,360	12,720	5,000	-	0.00%
41400	Materials, Supplies & Tools	9,000	8,760	17,520	2,500	(6,500)	-72.22%

**Rivanna Water and Sewer Authority
Fiscal Year 2020-2021 Proposed Budget
Expense Detail**

Rate Center: Crozet Water

Object Code	Line Item	Adopted Budget FY 2019-2020	Current Year Activity		Proposed Budget FY 2020-2021	2020	2020
			Six Month Actual 12/31/2019	Projected Year end 6/30/2020		vs. 2021 Variance \$	vs. 2021 Variance %
41450	Chemicals	256,900	75,132	250,000	225,500	(31,400)	-12.22%
41500	Vehicle Maintenance	1,000	1,061	2,122	1,500	500	50.00%
41550	Equipment Repair, Replace, Maint.	40,000	1,967	10,000	40,000	-	0.00%
41600	Instrumentation & Metering	8,500	-	8,500	12,700	4,200	49.41%
41650	Fuel & Lubricants	7,000	2,940	5,880	7,000	-	0.00%
41700	General Other Maintenance	30,000	28,400	56,800	33,492	3,492	11.64%
Subtotal		\$ 402,400	\$ 134,844	\$ 381,506	\$ 353,292	\$ (49,108)	-12.20%
81000	Equipment Purchases						
81200	Rental & Leases	\$ -	\$ -	\$ -	\$ -	\$ -	
81250	Equipment (over \$10,000)	-	-	-	-	-	
81300	Vehicle Replacement Fund	2,500	1,250	2,500	3,000	500	20.00%
Subtotal		\$ 2,500	\$ 1,250	\$ 2,500	\$ 3,000	\$ 500	20.00%
95000	Allocations from Departments						
95100	Administrative Allocation	\$ 80,460	\$ 39,905	\$ 80,759	\$ 77,867	\$ (2,593)	-3.22%
95300	Engineering Allocation	62,107	33,482	66,957	69,176	7,069	11.38%
95150	Maintenance Allocation	56,027	26,270	53,047	53,751	(2,276)	-4.06%
95200	Laboratory Allocation	18,918	11,005	20,687	20,661	1,743	9.21%
Subtotal		\$ 217,512	\$ 110,662	\$ 221,450	\$ 221,455	\$ 3,943	1.81%
Depreciation		30,000	15,000	30,000	40,000	10,000	33.33%
Subtotal		\$ 30,000	\$ 15,000	\$ 30,000	\$ 40,000	\$ 10,000	33.33%
Total		\$ 1,112,612	\$ 468,983	\$ 1,060,751	\$ 1,086,905	\$ (25,707)	-2.31%

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Scottsville Water Summary

	FY 2020		FY 2021		Budget % Change
	Budgeted FY 2020	Actual for 6 months	Projected 12 months	Proposed Budget	
Projected Flow (MGD)	0.050			0.047	-6.00%

Operations Budget

Projected Revenues

Operations Rate (monthly)	\$ 43,401			\$ 43,401	0.00%
Revenue	\$ 520,812	\$ 260,406	\$ 520,812	\$ 520,812	0.00%
Use of reserves	15,000	-	15,000	9,220	-38.53%
Interest Allocation	800	576	1,152	1,000	25.00%
Total Operations Revenues	\$ 536,612	\$ 260,982	\$ 536,964	\$ 531,032	-1.04%

Projected Expenses

Personnel Cost	\$ 197,349	\$ 97,507	\$ 193,980	\$ 184,032	-6.75%
Professional Services	20,000	675	20,000	71,000	255.00%
Other Services and Charges	33,318	9,415	18,531	22,780	-31.63%
Communications	3,430	2,634	5,268	4,600	34.11%
Information Technology	800	400	800	650	-18.75%
Supplies	410	142	284	200	-51.22%
Operations and Maintenance	121,540	42,617	116,584	87,662	-27.87%
Equipment Purchases	3,000	1,869	3,738	2,500	-16.67%
Depreciation	20,000	10,000	20,000	20,000	0.00%
Subtotal Before Allocations	\$ 399,847	\$ 165,259	\$ 379,185	\$ 393,424	-1.61%
Allocations of Support Departments	136,770	68,467	137,249	137,603	0.61%
Total Operations Expenses	\$ 536,617	\$ 233,726	\$ 516,434	\$ 531,027	-1.04%

Operations Cost per 1,000 gallons \$29.404 \$30.955 5.27%

Debt Service Budget

Projected Revenue

Debt Service Rates - Monthly	\$ 10,729			\$ 10,729	0.00%
Debt Service Rate Revenue - ACSA	\$ 128,749	\$ 64,374	\$ 128,748	\$ 128,749	0.00%
Trust Fund Interest	1,700	864	1,728	1,200	-29.41%
Reserve Fund Interest	8,400	4,249	8,498	8,300	-1.19%
Total Debt Service Revenue	\$ 138,849	\$ 69,487	\$ 138,974	\$ 138,249	-0.43%

Principal, Interest & Reserves

Total Principal & Interest	\$ 129,524	\$ 64,762	\$ 129,524	\$ 126,032	-2.70%
Estimated New Principal & Interest	925	463	926	3,917	323.46%
Reserve Additions-Interest	8,400	4,249	8,498	8,300	-1.19%
Total Debt Principal and Interest	\$ 138,849	\$ 69,474	\$ 138,948	\$ 138,249	-0.43%

Rate Center Summary

Total Revenues	\$ 675,461	\$ 330,469	\$ 675,938	\$ 669,281	-0.91%
Total Expenses	675,466	303,200	655,382	669,276	-0.92%
Surplus/ (Deficit)	\$ (5)	\$ 27,269	\$ 20,556	\$ 5	
Rates - Monthly					
ACSA	\$ 54,130			\$ 54,130	0.00%

**Rivanna Water and Sewer Authority
Fiscal Year 2020-2021 Proposed Budget
Expense Detail**

Rate Center: Scottsville Water

Object Code	Line Item	Adopted Budget FY 2019-2020	Current Year Activity		Proposed Budget FY 2020-2021	2020	2020
			Six Month Actual 12/31/2019	Projected Year end 6/30/2020		vs. 2021 Variance \$	vs. 2021 Variance %
Salaries & Benefits							
10000	Salaries	\$ 124,221	\$ 63,323	\$ 126,646	\$ 113,850	\$ (10,371)	-8.35%
11010	Overtime & Holiday Pay	13,000	7,778	15,556	13,000	-	0.00%
12010	FICA	10,497	5,272	10,544	9,704	(793)	-7.55%
12020	Health Insurance	29,249	12,045	24,090	28,600	(649)	-2.22%
12026	Employee Assistance Program	25	10	20	25	-	0.00%
12030	Retirement	11,950	4,991	9,982	10,247	(1,703)	-14.25%
12040	Life Insurance	1,627	771	1,542	1,526	(101)	-6.21%
12050	Fitness Program	300	178	356	300	-	0.00%
12060	Worker's Comp Insurance	2,600	1,551	2,068	2,600	-	0.00%
Subtotal		\$ 193,469	\$ 95,919	\$ 190,804	\$ 179,852	\$ (13,617)	-7.04%
Other Personnel Costs							
13000	Employee Dues & Licenses	\$ 180	\$ 3	\$ 6	\$ 180	\$ -	0.00%
13150	Education & Training	1,950	483	966	1,950	-	0.00%
13200	Travel & Lodging	400	4	8	200	(200)	-50.00%
13250	Uniforms	1,200	930	1,860	1,400	200	16.67%
13325	Recruiting & Medical Testing	100	80	160	150	50	50.00%
13350	Other	50	88	176	300	250	500.00%
Subtotal		\$ 3,880	\$ 1,588	\$ 3,176	\$ 4,180	\$ 300	7.73%
Professional Services							
20100	Legal Fees	\$ -	\$ -	\$ -	\$ -	\$ -	-
20200	Financial & Admin. Services	-	-	-	-	-	-
20250	Bond Issue Costs	-	-	-	-	-	-
20300	Engineering & Technical Services	20,000	675	20,000	71,000	51,000	255.00%
Subtotal		\$ 20,000	\$ 675	\$ 20,000	\$ 71,000	\$ 51,000	
Other Services and Charges							
21100	General Liability/Property Ins.	\$ 760	\$ 448	\$ 597	\$ 900	\$ 140	18.42%
21150	Advertising & Communication	-	-	-	-	-	-
21250	Watershed Management	-	-	-	-	-	-
21252	EMS Programs/Supplies	-	-	-	-	-	-
21253	Safety Programs/Supplies	1,858	584	1,168	1,430	(428)	-23.04%
21300	Authority Dues/Permits/Fees	1,000	519	1,038	500	(500)	-50.00%
21350	Laboratory Analysis	18,500	2,609	5,218	4,850	(13,650)	-73.78%
21400	Utilities	11,000	4,556	9,112	15,000	4,000	36.36%
21420	General Other Services	200	699	1,398	100	(100)	-50.00%
21430	Governance & Strategic Support	-	-	-	-	-	-
21450	Bad Debt	-	-	-	-	-	-
Subtotal		\$ 33,318	\$ 9,415	\$ 18,531	\$ 22,780	\$ (10,538)	-31.63%
Communication							
22000	Radio	\$ 430	\$ 386	\$ 772	\$ 500	\$ 70	16.28%
22150	Telephone & Data Service	2,000	1,853	3,706	3,200	1,200	60.00%
22200	Cell Phones & Pagers	1,000	395	790	900	(100)	-10.00%
Subtotal		\$ 3,430	\$ 2,634	\$ 5,268	\$ 4,600	\$ 1,170	34.11%
Information Technology							
31000	Computer Hardware	\$ 150	\$ -	\$ -	\$ 150	\$ -	0.00%
31150	SCADA Maint. & Support	500	400	800	500	-	0.00%
31200	Maintenance & Support Services	-	-	-	-	-	-
31250	Software Purchases	150	-	-	-	(150)	0.00%
Subtotal		\$ 800	\$ 400	\$ 800	\$ 650	\$ (150)	-18.75%
Supplies							
33000	Office Supplies	\$ 50	\$ -	\$ -	\$ -	\$ (50)	-100.00%
33150	Subscriptions/Reference Material	10	-	-	-	(10)	-100.00%
33350	Postage & Delivery	350	142	284	200	(150)	-42.86%
Subtotal		\$ 410	\$ 142	\$ 284	\$ 200	\$ (210)	-51.22%
Operation & Maintenance							
41000	Building & Grounds	\$ 13,000	\$ 3,968	\$ 7,936	\$ 5,700	\$ (7,300)	-56.15%
41150	Building & Land Lease	-	-	-	-	-	-
41200	Pump Station Maintenance	-	-	-	-	-	-
41300	Dam Maintenance	1,500	-	-	1,500	-	0.00%
41350	Pipeline/Appurtenances	100	160	320	-	(100)	-100.00%
41400	Materials, Supplies & Tools	3,200	5,461	10,922	3,000	(200)	-6.25%
41450	Chemicals	46,440	24,217	48,434	35,550	(10,890)	-23.45%
41500	Vehicle Maintenance	700	709	1,418	800	100	14.29%

**Rivanna Water and Sewer Authority
Fiscal Year 2020-2021 Proposed Budget
Expense Detail**

Rate Center: Scottsville Water

Object Code	Line Item	Adopted Budget FY 2019-2020	Current Year Activity		Proposed Budget FY 2020-2021	2020	2020
			Six Month Actual 12/31/2019	Projected Year end 6/30/2020		vs. 2021 Variance \$	vs. 2021 Variance %
41550	Equipment Repair, Replace, Maint.	23,000	2,975	23,000	20,000	(3,000)	-13.04%
41600	Instrumentation & Metering	20,200	350	15,000	10,600	(9,600)	-47.52%
41650	Fuel & Lubricants	1,400	527	1,054	1,000	(400)	-28.57%
41700	General Other Maintenance	12,000	4,250	8,500	9,512	(2,488)	-20.73%
Subtotal		\$ 121,540	\$ 42,617	\$ 116,584	\$ 87,662	\$ (33,878)	-27.87%
81000	Equipment Purchases						
81200	Rental & Leases	\$ 500	\$ 619	\$ 1,238	\$ -	(500)	-100.00%
81250	Equipment (over \$10,000)	-	-	-	-	-	
81300	Vehicle Replacement Fund	2,500	1,250	2,500	2,500	-	0.00%
Subtotal		\$ 3,000	\$ 1,869	\$ 3,738	\$ 2,500	\$ (500)	-16.67%
95000	Allocations from Departments						
95100	Administrative Allocation	\$ 40,230	\$ 19,953	\$ 40,380	\$ 38,934	\$ (1,296)	-3.22%
95300	Engineering Allocation	31,054	16,741	33,479	34,588	3,534	11.38%
95150	Maintenance Allocation	56,027	26,270	53,047	53,751	(2,276)	-4.06%
95200	Laboratory Allocation	9,459	5,503	10,343	10,330	871	9.21%
Subtotal		\$ 136,770	\$ 68,467	\$ 137,249	\$ 137,603	\$ 833	0.61%
Depreciation		20,000	10,000	20,000	20,000	-	0.00%
Subtotal		\$ 20,000	\$ 10,000	\$ 20,000	\$ 20,000	\$ -	0.00%
Total		\$ 536,617	\$ 233,726	\$ 516,434	\$ 531,027	\$ (5,590)	-1.04%

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Wastewater Rate Centers

Rivanna Water and Sewer Authority

Fiscal Year 2020-2021

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Urban Wastewater Summary

	FY 2020		FY 2021	Budget % Change
	Budgeted FY 2020	Actual for 6 months	Projected 12 months	
Projected Flow (MGD)	9.289		9.289	0.00%

Operations Budget

Projected Revenues

Operations Rate	\$ 2,369			\$ 2,369	0.00%
Revenue	\$ 8,033,620	\$ 4,213,051	\$ 8,276,102	\$ 8,033,620	0.00%
Stone Robinson WWTP	22,478	8,744	17,488	22,788	1.38%
Septage Acceptance	450,000	260,963	496,926	475,000	5.56%
Nutrient Credits	90,000	78,763	78,763	45,000	-50.00%
Rate Stabilization Reserve	-	-	-	121,233	
Miscellaneous Revenue	-	500	500	-	
Interest Allocation	14,400	10,169	20,338	16,100	11.81%
Total Operations Revenues	\$ 8,610,498	\$ 4,572,190	\$ 8,890,117	\$ 8,713,741	1.20%

Projected Expenses

Personnel Cost	\$ 1,281,463	\$ 636,717	\$ 1,268,970	\$ 1,299,876	1.44%
Professional Services	175,000	152,763	305,526	143,400	-18.06%
Other Services and Charges	2,030,825	1,058,073	2,086,769	2,020,300	-0.52%
Communications	10,430	6,528	10,096	10,700	2.59%
Information Technology	62,500	15,233	60,758	69,500	11.20%
Supplies	2,700	204	408	1,900	-29.63%
Operations and Maintenance	1,732,150	869,234	1,832,364	1,767,000	2.01%
Equipment Purchases	70,000	33,653	67,306	125,250	78.93%
Depreciation & Reserves	470,000	235,000	470,000	470,000	0.00%
Subtotal before allocations	\$ 5,835,068	\$ 3,007,405	\$ 6,102,197	\$ 5,907,926	1.25%
Allocations of Support Departments	2,775,430	1,400,543	2,805,042	2,805,815	1.09%
Total Operations Expenses	\$ 8,610,498	\$ 4,407,948	\$ 8,907,239	\$ 8,713,741	1.20%

Operations Cost per 1,000 gallons	\$2.540		\$2.570	1.18%
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Debt Service Budget

Projected Revenue

Debt Service Rate	CITY	407,588			407,588	0.00%
	ACSA	278,174			278,174	0.00%
Debt Service Rate Revenue - CITY	\$ 4,891,055	\$ 2,445,528	\$ 4,891,056	\$ 4,891,018	0.00%	
Debt Service Rate Revenue - ACSA	3,338,088	1,669,044	3,338,088	3,338,072	0.00%	
County MOU - Septage	109,440	109,441	109,441	109,440	0.00%	
Trust Fund Interest	96,900	52,974	105,948	74,000	-23.63%	
Use of Reserves				94,400		
Reserve Fund Interest	266,900	137,041	274,082	295,200	10.60%	
Total Debt Service Revenue	\$ 8,702,383	\$ 4,414,028	\$ 8,718,615	\$ 8,802,130	1.15%	

Principal, Interest & Reserves

Total Principal & Interest	\$ 7,880,079	\$ 3,940,040	\$ 7,880,080	\$ 7,812,130	-0.86%
Reserve Additions - Interest	266,900	137,041	274,082	295,200	10.60%
Debt Service Ratio Charge	325,000	162,500	325,000	325,000	0.00%
Est. New Debt Service - CIP Growth	230,400	115,200	230,400	369,800	60.50%
Total Debt Principal and Interest	\$ 8,702,379	\$ 4,354,781	\$ 8,709,562	\$ 8,802,130	1.15%

Rate Center Summary

Total Revenues	\$ 17,312,881	\$ 8,986,218	\$ 17,608,732	\$ 17,515,871	1.17%
Total Expenses	17,312,877	8,762,729	17,616,801	17,515,871	1.17%
Surplus/(Deficit)	\$ 4	\$ 223,489	\$ (8,069)	\$ -	

**Rivanna Water and Sewer Authority
Fiscal Year 2020-2021 Proposed Budget
Expense Detail**

Rate Center: Urban Wastewater

Object Code	Line Item	Adopted Budget FY 2019-2020	Current Year Activity		Proposed Budget FY 2020-2021	2020	2020
			Six Month Actual 12/31/2019	Projected Year end 6/30/2020		vs. 2021 Variance \$	vs. 2021 Variance %
Salaries & Benefits							
10000	Salaries	\$ 821,784	\$ 418,706	\$ 837,412	\$ 844,100	\$ 22,316	2.72%
11010	Overtime & Holiday Pay	80,000	24,895	49,790	65,000	(15,000)	-18.75%
12010	FICA	68,986	32,739	65,478	69,546	560	0.81%
12020	Health Insurance	180,472	105,437	210,874	193,100	12,628	7.00%
12026	Employee Assistance Program	200	61	122	250	50	25.00%
12030	Retirement	79,056	31,807	63,614	75,969	(3,087)	-3.90%
12040	Life Insurance	10,765	4,995	9,990	11,311	546	5.07%
12050	Fitness Program	700	564	1,128	1,000	300	42.86%
12060	Worker's Comp Insurance	11,200	6,696	8,928	11,500	300	2.68%
	Subtotal	\$ 1,253,163	\$ 625,900	\$ 1,247,336	\$ 1,271,776	\$ 18,613	1.49%
Other Personnel Costs							
13000	Employee Dues & Licenses	\$ 2,800	\$ 226	\$ 452	\$ 2,000	\$ (800)	-28.57%
13150	Education & Training	10,900	4,362	8,724	10,900	-	0.00%
13200	Travel & Lodging	5,300	433	866	2,500	(2,800)	-52.83%
13250	Uniforms	7,800	5,162	10,324	9,700	1,900	24.36%
13325	Recruiting & Medical Testing	1,000	403	806	1,000	-	0.00%
13350	Other	500	231	462	2,000	1,500	300.00%
	Subtotal	\$ 28,300	\$ 10,817	\$ 21,634	\$ 28,100	\$ (200)	-0.71%
Professional Services							
20100	Legal Fees	\$ -	\$ -	\$ -	\$ 5,000	\$ 5,000	
20200	Financial & Admin. Services	-	-	-	-	-	
20250	Bond Issue Costs	-	-	-	-	-	
20300	Engineering & Technical Services	175,000	152,763	305,526	138,400	(36,600)	-20.91%
	Subtotal	\$ 175,000	\$ 152,763	\$ 305,526	\$ 143,400	\$ (31,600)	
Other Services and Charges							
21100	General Liability/Property Ins.	\$ 74,800	\$ 44,066	\$ 58,755	\$ 67,400	\$ (7,400)	-9.89%
21150	Advertising & Communication	225	-	-	-	(225)	
21250	Watershed Management	-	-	-	-	-	
21252	EMS Programs/Supplies	-	-	-	1,000	1,000	
21253	Safety Programs/Supplies	38,700	7,483	14,966	25,500	(13,200)	-34.11%
21300	Authority Dues/Permits/Fees	35,200	23,317	46,634	44,900	9,700	27.56%
21350	Laboratory Analysis	6,500	5,383	10,766	9,500	3,000	46.15%
21400	Utilities	938,000	458,327	916,654	940,000	2,000	0.21%
21420	General Other Services	932,400	519,497	1,038,994	932,000	(400)	-0.04%
21430	Governance & Strategic Support	5,000	-	-	-	(5,000)	-100.00%
21450	Bad Debt	-	-	-	-	-	
	Subtotal	\$ 2,030,825	\$ 1,058,073	\$ 2,086,769	\$ 2,020,300	\$ (10,525)	-0.52%
Communication							
22000	Radio	\$ 3,830	\$ 3,480	\$ 4,000	\$ 3,900	\$ 70	1.83%
22150	Telephone & Data Service	1,800	1,171	2,342	2,000	200	11.11%
22200	Cell Phones & Pagers	4,800	1,877	3,754	4,800	-	0.00%
	Subtotal	\$ 10,430	\$ 6,528	\$ 10,096	\$ 10,700	\$ 270	2.59%
Information Technology							
31100	Computer Hardware	\$ 9,000	\$ 4,663	\$ 9,000	\$ 9,000	\$ -	0.00%
31150	SCADA Maint. & Support	50,500	9,941	50,500	57,500	7,000	13.86%
31200	Maintenance & Support Services	-	-	-	-	-	
31250	Software Purchases	3,000	629	1,258	3,000	-	0.00%
	Subtotal	\$ 62,500	\$ 15,233	\$ 60,758	\$ 69,500	\$ 7,000	11.20%
Supplies							
33000	Office Supplies	\$ 2,500	\$ 33	\$ 66	\$ 1,000	\$ (1,500)	-60.00%
33150	Subscriptions/Reference Material	-	-	-	-	-	
33350	Postage & Delivery	200	171	342	900	700	350.00%
	Subtotal	\$ 2,700	\$ 204	\$ 408	\$ 1,900	\$ (800)	-29.63%
Operation & Maintenance							
41000	Building & Grounds	\$ 85,000	\$ 38,033	\$ 76,066	\$ 85,000	\$ -	0.00%
41150	Building & Land Lease	-	-	-	-	-	
41200	Pump Station Maintenance	90,000	75,803	151,606	90,000	-	0.00%
41300	Dam Maintenance	-	-	-	-	-	
41350	Pipeline/Appurtenances	195,000	79,298	158,596	114,360	(80,640)	-41.35%
41400	Materials, Supplies & Tools	35,500	31,928	63,856	41,000	5,500	15.49%
41450	Chemicals	837,250	433,248	866,496	848,000	10,750	1.28%
41500	Vehicle Maintenance	13,500	5,088	10,176	15,000	1,500	11.11%
41550	Equipment Repair, Replace, Maint.	350,000	185,272	370,544	350,000	-	0.00%
41600	Instrumentation & Metering	125,900	8,052	110,000	216,640	90,740	72.07%

**Rivanna Water and Sewer Authority
Fiscal Year 2020-2021 Proposed Budget
Expense Detail**

Rate Center: Urban Wastewater

Object Code	Line Item	Adopted Budget FY 2019-2020	Current Year Activity		Proposed Budget FY 2020-2021	2020	2020
			Six Month Actual 12/31/2019	Projected Year end 6/30/2020		vs. 2021 Variance \$	vs. 2021 Variance %
41650	Fuel & Lubricants	38,000	20,160	40,320	35,000	(3,000)	-7.89%
41700	General Other Maintenance	(38,000)	(7,648)	(15,296)	(28,000)	10,000	26.32%
<i>Subtotal</i>		\$ 1,732,150	\$ 869,234	\$ 1,832,364	\$ 1,767,000	\$ 34,850	2.01%
81000	Equipment Purchases						
81200	Rental & Leases	\$ 10,000	\$ 3,653	\$ 7,306	\$ 77,250	\$ 67,250	672.50%
81250	Equipment (over \$10,000)	-	-	-	-	-	
81300	Vehicle Replacement Fund	60,000	30,000	60,000	48,000	(12,000)	-20.00%
<i>Subtotal</i>		\$ 70,000	\$ 33,653	\$ 67,306	\$ 125,250	\$ 55,250	78.93%
95000	Allocations from Departments						
95100	Administrative Allocation	\$ 965,520	\$ 478,860	\$ 969,110	\$ 934,409	\$ (31,111)	-3.22%
95300	Engineering Allocation	683,179	368,298	736,527	760,939	77,760	11.38%
95150	Maintenance Allocation	904,442	424,071	856,335	867,702	(36,740)	-4.06%
95200	Laboratory Allocation	222,289	129,314	243,070	242,765	20,476	9.21%
<i>Subtotal</i>		\$ 2,775,430	\$ 1,400,543	\$ 2,805,042	\$ 2,805,815	\$ 30,385	1.09%
Depreciation		470,000	235,000	470,000	\$ 470,000	-	0.00%
<i>Subtotal</i>		\$ 470,000	\$ 235,000	\$ 470,000	\$ 470,000	\$ -	0.00%
Total		\$ 8,610,498	\$ 4,407,948	\$ 8,907,239	\$ 8,713,741	\$ 103,243	1.20%

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Glenmore Wastewater Summary

	FY 2020			FY 2021	Budget % Change
	Budgeted FY 2020	Actual for 6 months	Projected 12 months	Proposed Budget	
Projected Flow (MGD)	0.109			0.114	

Operations Budget

Projected Revenues

Operations Rate (monthly)	\$	30,877		\$	30,877	0.00%
Revenue		370,524	\$ 185,262	\$ 370,524	370,524	0.00%
Rate Stabilization		-	-	-	24,540	
Interest Allocation		700	487	974	700	0.00%
Total Operations Revenues	\$	371,224	\$ 185,749	\$ 371,498	\$ 395,764	6.61%

Projected Expenses

Personnel Cost	\$	95,340	\$ 46,998	\$ 93,677	\$ 97,804	2.58%
Professional Services		-	2,194	4,388	24,200	
Other Services and Charges		35,210	15,989	31,860	36,800	4.52%
Communications		3,000	1,771	3,170	3,200	6.67%
Information Technology		3,700	6,590	11,000	4,050	9.46%
Supplies		100	-	-	-	-100.00%
Operations and Maintenance		119,950	79,227	158,454	109,100	-9.05%
Equipment Purchases		2,400	1,200	2,400	3,700	54.17%
Depreciation		5,000	2,500	5,000	10,000	100.00%
Subtotal before allocations	\$	264,700	\$ 156,469	\$ 309,949	\$ 288,854	9.13%
Allocations of Support Departments		106,526	52,929	106,104	106,907	0.36%
Total Operations Expenses	\$	371,226	\$ 209,398	\$ 416,053	\$ 395,761	6.61%

Operations Cost per 1,000 gallons \$9.331 \$9.511

Debt Service Budget

Projected Revenue

Debt Service Rate (monthly)	\$	315		\$	315	0.00%
Debt Service Rate Revenue - ACSA	\$	3,778	\$ 1,890	\$ 3,780	\$ 3,778	0.00%
Trust Fund Interest		-	-	-	-	
Reserve Fund Interest		3,100	1,771	3,542	3,000	-3.23%
Total Debt Service Revenue	\$	6,878	\$ 3,661	\$ 7,322	\$ 6,778	-1.45%

Principal, Interest & Reserves

Total Principal & Interest	\$	1,578	\$ 789	\$ 1,578	\$ 1,579	0.06%
Estimated New Principal & Interest	\$	2,200	\$ 1,100	\$ 2,200	\$ 2,199	
Reserve Additions - Interest		3,100	1,771	3,542	3,000	-3.23%
Total Debt Principal and Interest	\$	6,878	\$ 3,660	\$ 7,320	\$ 6,778	-1.45%

Rate Center Summary

Total Revenues	\$	378,102	\$ 189,410	\$ 378,820	\$ 402,542	6.46%
Total Expenses		378,104	213,058	423,373	402,539	6.46%
Surplus/(Deficit)	\$	(2)	\$ (23,648)	\$ (44,553)	\$ 3	
Rates (Monthly)						
ACSA	\$	31,192			\$ 31,192	0.00%

**Rivanna Water and Sewer Authority
Fiscal Year 2020-2021 Proposed Budget
Expense Detail**

Rate Center: Glenmore Wastewater

Object Code	Line Item	Adopted Budget FY 2019-2020	Current Year Activity		Proposed Budget FY 2020-2021	2020	2020
			Six Month Actual 12/31/2019	Projected Year end 6/30/2020		vs. 2021 Variance \$	vs. 2021 Variance %
10000	Salaries & Benefits						
11000	Salaries	\$ 60,532	\$ 30,842	\$ 61,684	\$ 62,100	\$ 1,568	2.59%
11010	Overtime & Holiday Pay	6,500	1,909	3,818	6,500	-	0.00%
12010	FICA	5,128	2,417	4,834	5,248	120	2.34%
12020	Health Insurance	13,584	7,857	15,714	14,550	966	7.11%
12026	Employee Assistance Program	15	5	10	15	-	0.00%
12030	Retirement	5,823	2,340	4,680	5,589	(234)	-4.02%
12040	Life Insurance	793	367	734	832	39	4.92%
12050	Fitness Program	50	38	76	70	20	40.00%
12060	Worker's Comp Insurance	800	479	639	800	-	0.00%
	Subtotal	\$ 93,225	\$ 46,254	\$ 92,189	\$ 95,704	\$ 2,479	2.66%
13000	Other Personnel Costs						
13100	Employee Dues & Licenses	\$ 230	\$ 14	\$ 28	\$ 200	\$ (30)	-13.04%
13150	Education & Training	775	228	456	700	(75)	-9.68%
13200	Travel & Lodging	375	3	6	200	(175)	-46.67%
13250	Uniforms	600	395	790	750	150	25.00%
13325	Recruiting & Medical Testing	100	31	62	100	-	0.00%
13350	Other	35	73	146	150	115	328.57%
	Subtotal	\$ 2,115	\$ 744	\$ 1,488	\$ 2,100	\$ (15)	-0.71%
20100	Professional Services						
20100	Legal Fees	\$ -	\$ -	\$ -	\$ -	\$ -	-
20200	Financial & Admin. Services	-	-	-	-	-	-
20250	Bond Issue Costs	-	-	-	-	-	-
20300	Engineering & Technical Services	-	2,194	4,388	24,200	24,200	0.00%
	Subtotal	\$ -	\$ 2,194	\$ 4,388	\$ 24,200	\$ 24,200	
21100	Other Services and Charges						
21100	General Liability/Property Ins.	\$ 300	\$ 177	\$ 236	\$ 200	\$ (100)	-33.33%
21150	Advertising & Communication	-	-	-	-	-	-
21250	Watershed Management	-	-	-	-	-	-
21252	EMS Programs/Supplies	-	-	-	-	-	-
21253	Safety Programs/Supplies	2,000	1,057	2,114	1,100	(900)	-45.00%
21300	Authority Dues/Permits/Fees	3,300	3,146	6,292	3,000	(300)	-9.09%
21350	Laboratory Analysis	1,500	-	-	1,500	-	0.00%
21400	Utilities	28,000	11,382	22,764	31,000	3,000	10.71%
21420	General Other Services	110	227	454	-	(110)	-100.00%
21430	Governance & Strategic Support	-	-	-	-	-	-
21450	Bad Debt	-	-	-	-	-	-
	Subtotal	\$ 35,210	\$ 15,989	\$ 31,860	\$ 36,800	\$ 1,590	4.52%
22000	Communication						
22100	Radio	\$ 400	\$ 386	\$ 400	\$ 400	\$ -	0.00%
22150	Telephone & Data Service	2,000	1,127	2,254	2,200	200	10.00%
22200	Cell Phones & Pagers	600	258	516	600	-	0.00%
	Subtotal	\$ 3,000	\$ 1,771	\$ 3,170	\$ 3,200	\$ 200	6.67%
31000	Information Technology						
31100	Computer Hardware	\$ 1,000	\$ -	\$ 1,000	\$ 1,000	\$ -	0.00%
31150	SCADA Maint. & Support	2,500	6,590	10,000	3,050	550	22.00%
31200	Maintenance & Support Services	-	-	-	-	-	-
31250	Software Purchases	200	-	-	-	(200)	-100.00%
	Subtotal	\$ 3,700	\$ 6,590	\$ 11,000	\$ 4,050	\$ 350	9.46%
33000	Supplies						
33100	Office Supplies	\$ 100	\$ -	\$ -	\$ -	\$ (100)	-100.00%
33150	Subscriptions/Reference Material	-	-	-	-	-	-
33350	Postage & Delivery	-	-	-	-	-	-
	Subtotal	\$ 100	\$ -	\$ -	\$ -	\$ (100)	-100.00%
41000	Operation & Maintenance						
41100	Building & Grounds	\$ 8,500	\$ 2,939	\$ 5,878	\$ 6,000	\$ (2,500)	-29.41%
41150	Building & Land Lease	-	-	-	-	-	-
41200	Pump Station Maintenance	9,000	-	-	9,000	-	0.00%
41300	Dam Maintenance	-	-	-	-	-	-
41350	Pipeline/Appurtenances	500	-	-	-	(500)	-100.00%

**Rivanna Water and Sewer Authority
Fiscal Year 2020-2021 Proposed Budget
Expense Detail**

Rate Center: Glenmore Wastewater

Object Code	Line Item	Adopted Budget FY 2019-2020	Current Year Activity		Proposed Budget FY 2020-2021	2020	2020
			Six Month Actual 12/31/2019	Projected Year end 6/30/2020		vs. 2021 Variance \$	vs. 2021 Variance %
41400	Materials, Supplies & Tools	2,500	754	1,508	3,000	500	20.00%
41450	Chemicals	2,000	-	-	2,000	-	0.00%
41500	Vehicle Maintenance	750	99	198	1,000	250	33.33%
41550	Equipment Repair, Replace, Maint.	18,000	38,819	77,638	20,000	2,000	11.11%
41600	Instrumentation & Metering	5,100	234	468	5,100	-	0.00%
41650	Fuel & Lubricants	3,600	1,144	2,288	3,000	(600)	-16.67%
41700	General Other Maintenance	70,000	35,238	70,476	60,000	(10,000)	-14.29%
Subtotal		\$ 119,950	\$ 79,227	\$ 158,454	\$ 109,100	\$ (10,850)	-9.05%
81000	Equipment Purchases						
81200	Rental & Leases	\$ -	\$ -	\$ -	\$ -	\$ -	
81250	Equipment (over \$10,000)	-	-	-	-	-	
81300	Vehicle Replacement Fund	2,400	1,200	2,400	3,700	1,300	54.17%
Subtotal		\$ 2,400	\$ 1,200	\$ 2,400	\$ 3,700	\$ 1,300	54.17%
95000	Allocations from Departments						
95100	Administrative Allocation	\$ 20,115	\$ 9,976	\$ 20,190	\$ 19,467	\$ (648)	-3.22%
95300	Engineering Allocation	23,290	12,556	25,109	25,941	2,651	11.38%
95150	Maintenance Allocation	56,027	26,270	53,047	53,751	(2,276)	-4.06%
95200	Laboratory Allocation	7,094	4,127	7,758	7,748	654	9.22%
Subtotal		\$ 106,526	\$ 52,929	\$ 106,104	\$ 106,907	\$ 381	0.36%
Depreciation		5,000	2,500	5,000	10,000	5,000	100.00%
Subtotal		\$ 5,000	\$ 2,500	\$ 5,000	\$ 10,000	\$ 5,000	100.00%
Total		\$ 371,226	\$ 209,398	\$ 416,053	\$ 395,761	\$ 24,535	6.61%

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Scottsville Wastewater Summary

	FY 2020		FY 2021		Budget % Change
	Budgeted FY 2020	Actual for 6 months	Projected 12 months	Proposed Budget	
Projected Flow (MGD)	0.059			0.063	

Operations Budget

Projected Revenues

Operations Rate (monthly)	\$ 25,749			\$ 25,749	0.00%
Revenue	\$ 308,988	\$ 154,494	\$ 308,988	\$ 308,988	0.00%
Interest Allocation	600	399	798	600	0.00%
Total Operations Revenues	\$ 309,588	\$ 154,893	\$ 309,786	\$ 309,588	0.00%

Projected Expenses

Personnel Cost	\$ 95,366	\$ 46,998	\$ 93,677	\$ 97,317	2.05%
Professional Services	2,000	-	2,000	2,100	5.00%
Other Services and Charges	28,000	10,249	20,223	23,710	-15.32%
Communications	3,930	1,924	3,848	3,720	-5.34%
Information Technology	1,700	-	-	1,500	-11.76%
Supplies	25	-	-	500	1900.00%
Operations and Maintenance	59,350	27,163	59,220	57,812	-2.59%
Equipment Purchases	2,700	1,200	2,400	3,700	37.04%
Depreciation	18,000	9,000	18,000	20,000	11.11%
Subtotal before allocations	\$ 211,071	\$ 96,534	\$ 199,368	\$ 210,359	-0.34%
Allocations of Support Departments	98,522	49,176	98,526	99,229	0.72%
Total Operations Expenses	\$ 309,593	\$ 145,710	\$ 297,894	\$ 309,588	0.00%

Operations Cost per 1,000 gallons \$14.376 \$13.463 93.65%

Debt Service Budget

Projected Revenue

Debt Service Rate (monthly)	\$ 787			\$ 787	0.00%
Debt Service Rate Revenue - ACSA	\$ 9,442	\$ 4,722	\$ 9,444	\$ 9,442	0.00%
Trust Fund Interest	100	86	172	100	0.00%
Reserve Fund Interest	3,100	1,416	2,832	4,200	35.48%
Total Debt Service Revenue	\$ 12,642	\$ 6,224	\$ 12,448	\$ 13,742	8.70%

Principal, Interest & Reserves

Total Principal & Interest	\$ 7,742	\$ 3,871	\$ 7,742	\$ 7,464	-3.59%
Estimated New Principal & Interest	1,800	900	1,800	2,078	15.44%
Reserve Additions - Interest	3,100	1,416	2,832	4,200	35.48%
Total Debt Principal and Interest	\$ 12,642	\$ 6,187	\$ 12,374	\$ 13,742	8.70%

Rate Center Summary

Total Revenues	\$ 322,230	\$ 161,117	\$ 322,234	\$ 323,330	0.34%
Total Expenses	322,235	151,897	310,268	323,330	0.34%
Surplus/(Deficit)	\$ (5)	\$ 9,220	\$ 11,966	\$ -	
Rates (Monthly)					
ACSA	\$ 26,536			\$ 26,536	0.00%

**Rivanna Water and Sewer Authority
Fiscal Year 2020-2021 Proposed Budget
Expense Detail**

Rate Center: Scottsville Wastewater

Object Code	Line Item	Adopted Budget FY 2019-2020	Current Year Activity		Proposed Budget FY 2020-2021	2020	2020
			Six Month Actual 12/31/2019	Projected Year end 6/30/2020		vs. 2021 Variance \$	vs. 2021 Variance %
Salaries & Benefits							
10000	Salaries	\$ 60,532	\$ 30,842	\$ 61,684	\$ 62,100	\$ 1,568	2.59%
11010	Overtime & Holiday Pay	6,500	1,909	3,818	6,000	(500)	-7.69%
12010	FICA	5,128	2,417	4,834	5,210	82	1.60%
12020	Health Insurance	13,584	7,857	15,714	14,550	966	7.11%
12026	Employee Assistance Program	16	5	10	16	-	0.00%
12030	Retirement	5,823	2,340	4,680	5,589	(234)	-4.02%
12040	Life Insurance	793	367	734	832	39	4.92%
12050	Fitness Program	50	38	76	70	20	40.00%
12060	Worker's Comp Insurance	800	479	639	800	-	0.00%
Subtotal		\$ 93,226	\$ 46,254	\$ 92,189	\$ 95,167	\$ 1,941	2.08%
Other Personnel Costs							
13000	Employee Dues & Licenses	\$ 230	\$ 14	\$ 28	\$ 200	\$ (30)	-13.04%
13150	Education & Training	775	228	456	775	-	0.00%
13200	Travel & Lodging	375	3	6	200	(175)	-46.67%
13250	Uniforms	600	395	790	750	150	25.00%
13325	Recruiting & Medical Testing	100	31	62	75	(25)	-25.00%
13350	Other	60	73	146	150	90	150.00%
Subtotal		\$ 2,140	\$ 744	\$ 1,488	\$ 2,150	\$ 10	0.47%
Professional Services							
20100	Legal Fees	\$ -	\$ -	\$ -	\$ -	\$ -	-
20200	Financial & Admin. Services	-	-	-	-	-	-
20250	Bond Issue Costs	-	-	-	-	-	-
20300	Engineering & Technical Services	2,000	-	2,000	2,100	100	5.00%
Subtotal		\$ 2,000	\$ -	\$ 2,000	\$ 2,100	\$ 100	5.00%
Other Services and Charges							
21100	General Liability/Property Ins.	\$ 700	\$ 412	\$ 549	\$ 700	\$ -	0.00%
21150	Advertising & Communication	-	-	-	-	-	-
21250	Watershed Management	-	-	-	-	-	-
21252	EMS Programs/Supplies	-	-	-	-	-	-
21253	Safety Programs/Supplies	2,000	1,004	2,008	1,010	(990)	-49.50%
21300	Authority Dues/Permits/Fees	3,300	3,146	6,292	3,000	(300)	-9.09%
21350	Laboratory Analysis	4,000	-	-	2,000	(2,000)	-50.00%
21400	Utilities	18,000	5,687	11,374	17,000	(1,000)	-5.56%
21420	General Other Services	-	-	-	-	-	-
21430	Governance & Strategic Support	-	-	-	-	-	-
21450	Bad Debt	-	-	-	-	-	-
Subtotal		\$ 28,000	\$ 10,249	\$ 20,223	\$ 23,710	\$ (4,290)	-15.32%
Communication							
22000	Radio	\$ 430	\$ 386	\$ 772	\$ 650	\$ 220	51.16%
22150	Telephone & Data Service	3,000	1,435	2,870	2,800	(200)	-6.67%
22200	Cell Phones & Pagers	500	103	206	270	(230)	-46.00%
Subtotal		\$ 3,930	\$ 1,924	\$ 3,848	\$ 3,720	\$ (210)	-5.34%
Information Technology							
31000	Computer Hardware	\$ 1,000	\$ -	\$ -	\$ 1,000	\$ -	0.00%
31150	SCADA Maint. & Support	500	-	-	500	-	0.00%
31200	Maintenance & Support Services	-	-	-	-	-	-
31250	Software Purchases	200	-	-	-	(200)	-100.00%
Subtotal		\$ 1,700	\$ -	\$ -	\$ 1,500	\$ (200)	-11.76%
Supplies							
33000	Office Supplies	\$ 25	\$ -	\$ -	\$ -	\$ (25)	-100.00%
33150	Subscriptions/Reference Material	-	-	-	-	-	-
33350	Postage & Delivery	-	-	-	500	500	1900.00%
Subtotal		\$ 25	\$ -	\$ -	\$ 500	\$ 475	1900.00%
Operation & Maintenance							
41000	Building & Grounds	\$ 4,800	\$ 3,883	\$ 7,766	\$ 8,000	\$ 3,200	66.67%
41150	Building & Land Lease	-	-	-	-	-	-
41200	Pump Station Maintenance	10,500	53	5,000	1,000	(9,500)	-90.48%
41300	Dam Maintenance	-	-	-	-	-	-
41350	Pipeline/Appurtenances	500	873	1,746	-	(500)	-100.00%
41400	Materials, Supplies & Tools	2,000	659	1,318	1,500	(500)	-25.00%
41450	Chemicals	4,000	598	1,196	2,000	(2,000)	-50.00%
41500	Vehicle Maintenance	750	99	198	1,000	250	33.33%

**Rivanna Water and Sewer Authority
Fiscal Year 2020-2021 Proposed Budget
Expense Detail**

Rate Center: Scottsville Wastewater

Object Code	Line Item	Adopted Budget FY 2019-2020	Current Year Activity		Proposed Budget FY 2020-2021	2020	2020
			Six Month Actual 12/31/2019	Projected Year end 6/30/2020		vs. 2021 Variance \$	vs. 2021 Variance %
41550	Equipment Repair, Replace, Maint.	16,000	9,310	18,620	16,000	-	0.00%
41600	Instrumentation & Metering	10,000	4,765	9,530	2,100	(7,900)	-79.00%
41650	Fuel & Lubricants	800	368	736	1,100	300	37.50%
41700	General Other Maintenance	10,000	6,555	13,110	25,112	15,112	151.12%
Subtotal		\$ 59,350	\$ 27,163	\$ 59,220	\$ 57,812	\$ (1,538)	-2.59%
81000	Equipment Purchases						
81200	Rental & Leases	\$ 300	\$ -	\$ -	\$ -	\$ (300)	
81250	Equipment (over \$10,000)	-	-	-	-	-	
81300	Vehicle Replacement Fund	2,400	1,200	2,400	3,700	1,300	54.17%
Subtotal		\$ 2,700	\$ 1,200	\$ 2,400	\$ 3,700	\$ 1,000	37.04%
95000	Allocations from Departments						
95100	Administrative Allocation	\$ 20,115	\$ 9,976	\$ 20,190	\$ 19,467	\$ (648)	-3.22%
95300	Engineering Allocation	23,290	12,556	25,109	25,941	2,651	11.38%
95150	Maintenance Allocation	48,023	22,517	45,469	46,073	(1,950)	-4.06%
95200	Laboratory Allocation	7,094	4,127	7,758	7,748	654	9.22%
Subtotal		\$ 98,522	\$ 49,176	\$ 98,526	\$ 99,229	\$ 707	0.72%
Depreciation		18,000	9,000	18,000	\$ 20,000	2,000	11.11%
Subtotal		\$ 18,000	\$ 9,000	\$ 18,000	\$ 20,000	\$ 2,000	11.11%
Total		\$ 309,593	\$ 145,710	\$ 297,894	\$ 309,588	\$ (5)	0.00%

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Support Departments

Fiscal Year 2020-2021

Rivanna Water and Sewer Authority

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Administration Summary

	FY 2020			FY 2021	
	Budgeted FY 2020	Actual for 6 months	Projected 12 months	Proposed Budget	Budget % Change

Operations Budget

Projected Revenues & Sources

Payment for Services SWA	\$ 466,000	\$ 233,000	\$ 466,000	\$ 543,000	16.52%
Miscellaneous Revenue	2,000	15,618	15,618	2,000	0.00%
Total Operations Revenues	\$ 468,000	\$ 248,618	\$ 481,618	\$ 545,000	16.45%

Projected Expenses

Personnel Cost	\$ 1,841,351	\$ 954,678	\$ 1,897,754	\$ 1,906,136	3.52%
Professional Services	229,000	97,122	208,254	183,000	-20.09%
Other Services and Charges	106,400	51,270	84,409	80,600	-24.25%
Communications	18,500	9,778	18,436	21,500	16.22%
Information Technology	174,250	74,962	164,876	177,000	1.58%
Supplies	21,500	7,371	14,742	24,250	12.79%
Operations and Maintenance	64,500	44,063	88,126	75,200	16.59%
Equipment Purchases	24,000	7,000	24,000	24,000	0.00%
Depreciation	-	-	-	-	
Total Operations Expenses	\$ 2,479,501	\$ 1,246,244	\$ 2,500,597	\$ 2,491,686	0.49%

Department Summary

Total Revenues		\$ 468,000	\$ 248,618	\$ 481,618	\$ 545,000	16.45%
Total Expenses		2,479,501	1,246,244	2,500,597	2,491,686	0.49%
Net Costs Allocable to Rate Centers		\$ (2,011,501)	\$ (997,626)	\$ (2,018,979)	\$ (1,946,686)	-3.22%
Allocations to the Rate Centers						
Urban Water	44.00%	\$ 885,060	\$ 438,955	\$ 888,351	\$ 856,542	
Crozet Water	4.00%	80,460	39,905	80,759	77,867	
Scottsville Water	2.00%	40,230	19,953	40,380	38,934	
Urban Wastewater	48.00%	965,520	478,860	969,110	934,409	
Glenmore Wastewater	1.00%	20,115	9,976	20,190	19,467	
Scottsville Wastewater	1.00%	20,115	9,976	20,190	19,467	
	100.00%	\$ 2,011,500	\$ 997,625	\$ 2,018,980	\$ 1,946,686	

**Rivanna Water and Sewer Authority
Fiscal Year 2020-2021 Proposed Budget
Expense Detail**

Department: Administration

Object Code	Line Item	Adopted Budget FY 2019-2020	Current Year Activity		Proposed Budget FY 2020-2021	2020	2020
			Six Month Actual 12/31/2019	Projected Year end 6/30/2020		vs. 2021 Variance \$	vs. 2021 Variance %
Salaries & Benefits							
10000	Salaries	\$ 1,329,850	\$ 679,418	\$ 1,358,836	\$ 1,349,200	\$ 19,350	1.46%
11010	Overtime & Holiday Pay	1,500	1,766	3,532	1,500	-	0.00%
12010	FICA	101,848	44,921	89,842	103,329	1,481	1.45%
12020	Health Insurance	217,000	129,030	258,060	259,300	42,300	19.49%
12026	Employee Assistance Program	200	75	150	100	(100)	-50.00%
12030	Retirement	127,932	55,605	111,210	121,428	(6,504)	-5.08%
12040	Life Insurance	17,421	8,639	17,278	18,079	658	3.78%
12050	Fitness Program	3,000	1,817	3,634	3,000	-	0.00%
12060	Worker's Comp Insurance	4,700	2,814	3,752	7,500	2,800	59.57%
Subtotal		\$ 1,803,451	\$ 924,085	\$ 1,846,294	\$ 1,863,436	\$ 59,985	3.33%
Other Personnel Costs							
13000	Employee Dues & Licenses	\$ 2,000	\$ 240	\$ 2,000	\$ 2,000	\$ -	0.00%
13150	Education & Training	19,000	9,549	19,000	19,000	-	0.00%
13200	Travel & Lodging	4,500	6,221	12,442	4,000	(500)	-11.11%
13250	Uniforms	1,500	1,371	1,500	2,000	500	33.33%
13325	Recruiting & Medical Testing	1,000	1,259	2,518	2,400	1,400	140.00%
13350	Other	9,900	11,953	14,000	13,300	3,400	34.34%
Subtotal		\$ 37,900	\$ 30,593	\$ 51,460	\$ 42,700	\$ 4,800	12.66%
Professional Services							
20100	Legal Fees	\$ 60,000	\$ 27,127	\$ 54,254	\$ 60,000	\$ -	0.00%
20200	Financial & Admin. Services	69,000	26,219	69,000	123,000	54,000	78.26%
20250	Bond Issue Costs	-	-	-	-	-	0.00%
20300	Engineering & Technical Services	100,000	43,776	85,000	-	(100,000)	0.00%
Subtotal		\$ 229,000	\$ 97,122	\$ 208,254	\$ 183,000	\$ (46,000)	-20.09%
Other Services and Charges							
21100	General Liability/Property Ins.	\$ 11,200	\$ 6,598	\$ 8,797	\$ 12,000	\$ 800	7.14%
21150	Advertising & Communication	15,000	5,991	11,982	13,500	(1,500)	-10.00%
21250	Watershed Management	-	-	-	-	-	-
21252	EMS Programs/Supplies	-	-	-	-	-	-
21253	Safety Programs/Supplies	5,000	4,118	8,000	4,000	(1,000)	-20.00%
21300	Authority Dues/Permits/Fees	37,100	29,248	40,000	39,100	2,000	5.39%
21350	Laboratory Analysis	-	-	-	-	-	-
21400	Utilities	1,100	568	1,136	1,100	-	0.00%
21420	General Other Services	2,000	2,180	4,360	2,400	400	20.00%
21430	Governance & Strategic Support	30,000	2,567	5,134	6,000	(24,000)	-80.00%
21450	Bad Debt	5,000	-	5,000	2,500	(2,500)	-
Subtotal		\$ 106,400	\$ 51,270	\$ 84,409	\$ 80,600	\$ (25,800)	-24.25%
Communication							
22000	Radio	\$ 1,200	\$ 1,160	\$ 1,200	\$ 1,300	\$ 100	8.33%
22150	Telephone & Data Service	10,000	4,147	8,294	11,000	1,000	10.00%
22200	Cell Phones & Pagers	7,300	4,471	8,942	9,200	1,900	26.03%
Subtotal		\$ 18,500	\$ 9,778	\$ 18,436	\$ 21,500	\$ 3,000	16.22%
Information Technology							
31000	Computer Hardware	\$ 27,000	\$ 8,813	\$ 17,626	\$ 27,000	\$ -	0.00%
31150	SCADA Maint. & Support	21,500	4,831	21,500	29,000	7,500	-
31200	Maintenance & Support Services	91,750	55,102	91,750	99,000	7,250	7.90%
31250	Software Purchases	34,000	6,216	34,000	22,000	(12,000)	-35.29%
Subtotal		\$ 174,250	\$ 74,962	\$ 164,876	\$ 177,000	\$ 2,750	1.58%
Supplies							
33000	Office Supplies	\$ 15,000	\$ 5,999	\$ 11,998	\$ 16,000	\$ 1,000	6.67%
33150	Subscriptions/Reference Material	800	396	792	650	(150)	-18.75%
33350	Postage & Delivery	5,700	976	1,952	7,600	1,900	33.33%
Subtotal		\$ 21,500	\$ 7,371	\$ 14,742	\$ 24,250	\$ 2,750	12.79%
Operation & Maintenance							
41000	Building & Grounds	\$ 53,000	\$ 36,753	\$ 73,506	\$ 53,000	\$ -	0.00%
41150	Building & Land Lease	4,100	2,169	4,338	4,000	(100)	-2.44%
41200	Pump Station Maintenance	-	-	-	-	-	-
41300	Dam Maintenance	-	-	-	-	-	-
41350	Pipeline/Appurtenances	-	-	-	-	-	-
41400	Materials, Supplies & Tools	400	1,038	2,076	10,400	10,000	2500.00%
41450	Chemicals	-	-	-	-	-	-
41500	Vehicle Maintenance	3,000	2,437	4,874	4,000	1,000	33.33%
41550	Equipment Repair, Replace, Maint.	-	-	-	-	-	-
41600	Instrumentation & Metering	-	-	-	-	-	-

**Rivanna Water and Sewer Authority
Fiscal Year 2020-2021 Proposed Budget
Expense Detail**

Department: Administration

	2020	2020
	vs.	vs.
	2021	2021
	Variance	Variance
	\$	%

Object Code	Line Item	Adopted Budget FY 2019-2020	Current Year Activity		Proposed Budget FY 2020-2021	2020 vs. 2021	
			Six Month Actual 12/31/2019	Projected Year end 6/30/2020		Variance \$	Variance %
41650	Fuel & Lubricants	4,000	1,666	3,332	3,800	(200)	-5.00%
41700	General Other Maintenance	-	-	-	-	-	-
<i>Subtotal</i>		\$ 64,500	\$ 44,063	\$ 88,126	\$ 75,200	\$ 10,700	16.59%
81000	Equipment Purchases						
81200	Rental & Leases	\$ -	\$ -	\$ -	\$ -	\$ -	-
81250	Equipment (over \$10,000)	10,000	-	10,000	10,000	-	0.00%
81300	Vehicle Replacement Fund	14,000	7,000	14,000	14,000	-	0.00%
<i>Subtotal</i>		\$ 24,000	\$ 7,000	\$ 24,000	\$ 24,000	\$ -	0.00%
95000	Allocations from Departments						
95100	Administrative Allocation	\$ -	\$ -	\$ -	\$ -	\$ -	-
95300	Engineering Allocation	-	-	-	-	-	-
95150	Maintenance Allocation	-	-	-	-	-	-
95200	Laboratory Allocation	-	-	-	-	-	-
<i>Subtotal</i>		\$ -	\$ -	\$ -	\$ -	\$ -	-
Depreciation		-	-	-	\$ -	-	-
<i>Subtotal</i>		\$ -	\$ -	\$ -	\$ -	\$ -	-
Total		\$ 2,479,501	\$ 1,246,244	\$ 2,500,597	\$ 2,491,686	\$ 12,185	0.49%

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Maintenance Summary

FY 2020			FY 2021		Budget % Change
Budgeted FY 2020	Actual for 6 months	Projected 12 months	Proposed Budget		

Operations Budget

Projected Revenues

Miscellaneous Revenue	\$ -	\$ 6,756	\$ 6,756	\$ -	-
Payment for Services SWA	10,000	-	-	-	-
Total Operations Revenues	\$ 10,000	\$ 6,756	\$ 6,756	\$ -	

Projected Expenses

Personnel Cost	\$ 1,345,633	\$ 631,796	\$ 1,256,730	\$ 1,233,605	-8.33%
Professional Services	-	-	-	-	-
Other Services and Charges	14,500	9,648	16,351	50,700	249.66%
Communications	17,600	11,238	1,228	17,400	-1.14%
Information Technology	6,500	2,296	6,592	8,500	30.77%
Supplies	2,000	123	246	2,000	0.00%
Operations and Maintenance	92,250	56,172	112,344	84,550	-8.35%
Equipment Purchases	132,300	46,051	128,902	139,000	5.06%
Depreciation	-	-	-	-	-
Total Operations Expenses	\$ 1,610,783	\$ 757,324	\$ 1,522,393	\$ 1,535,755	-4.66%

Department Summary

Total Revenues		\$ 10,000	\$ 6,756	\$ 6,756	\$ -
Total Expenses		1,610,783	757,324	1,522,393	1,535,755
Net Costs Allocable to Rate Centers		\$ (1,600,783)	\$ (750,568)	\$ (1,515,637)	\$ (1,535,755)
Allocations to the Rate Centers					
Urban Water	30.00%	\$ 480,235	\$ 225,170	\$ 454,691	\$ 460,727
Crozet Water	3.50%	56,027	26,270	53,047	53,751
Scottsville Water	3.50%	56,027	26,270	53,047	53,751
		-	-	-	-
Urban Wastewater	56.50%	904,442	424,071	856,335	867,702
Glenmore Wastewater	3.50%	56,027	26,270	53,047	53,751
Scottsville Wastewater	3.00%	48,023	22,517	45,469	46,073
	100.00%	\$ 1,600,781	\$ 750,568	\$ 1,515,636	\$ 1,535,755

**Rivanna Water and Sewer Authority
Fiscal Year 2020-2021 Proposed Budget
Expense Detail**

Department: Maintenance

Object Code	Line Item	Adopted Budget FY 2019-2020	Current Year Activity		Proposed Budget FY 2020-2021	2020	2020
			Six Month Actual 12/31/2019	Projected Year end 6/30/2020		vs. 2021 Variance \$	vs. 2021 Variance %
Salaries & Benefits							
10000	Salaries	\$ 908,500	\$ 434,813	\$ 869,626	\$ 805,900	\$ (102,600)	-11.29%
11010	Overtime & Holiday Pay	6,000	5,157	10,314	6,000	-	0.00%
12010	FICA	69,959	32,568	65,136	62,110	(7,849)	-11.22%
12020	Health Insurance	217,000	101,298	202,596	229,300	12,300	5.67%
12026	Employee Assistance Program	250	63	126	250	-	0.00%
12030	Retirement	87,398	32,670	65,340	72,531	(14,867)	-17.01%
12040	Life Insurance	11,901	5,115	10,230	10,799	(1,102)	-9.26%
12050	Fitness Program	260	389	778	400	140	53.85%
12060	Worker's Comp Insurance	17,200	10,293	13,724	15,900	(1,300)	-7.56%
Subtotal		\$ 1,318,468	\$ 622,366	\$ 1,237,870	\$ 1,203,190	\$ (115,278)	-8.74%
Other Personnel Costs							
13000	Employee Dues & Licenses	\$ 500	\$ 186	\$ 372	\$ 250	\$ (250)	-50.00%
13150	Education & Training	11,000	2,756	5,512	14,500	3,500	31.82%
13200	Travel & Lodging	500	-	-	500	-	0.00%
13250	Uniforms	13,915	5,682	11,364	13,915	-	0.00%
13325	Recruiting & Medical Testing	500	720	1,440	500	-	0.00%
13350	Other	750	86	172	750	-	0.00%
Subtotal		\$ 27,165	\$ 9,430	\$ 18,860	\$ 30,415	\$ 3,250	11.96%
Professional Services							
20100	Legal Fees	\$ -	\$ -	\$ -	\$ -	\$ -	-
20200	Financial & Admin. Services	-	-	-	-	-	-
20250	Bond Issue Costs	-	-	-	-	-	-
20300	Engineering & Technical Services	-	-	-	-	-	-
Subtotal		\$ -	\$ -	\$ -	\$ -	\$ -	-
Other Services and Charges							
21100	General Liability/Property Ins.	\$ 7,500	\$ 4,418	\$ 5,891	\$ 6,200	\$ (1,300)	-17.33%
21150	Advertising & Communication	-	-	-	-	-	-
21250	Watershed Management	-	-	-	-	-	-
21252	EMS Programs/Supplies	-	-	-	-	-	-
21253	Safety Programs/Supplies	4,500	4,413	8,826	42,000	37,500	833.33%
21300	Authority Dues/Permits/Fees	-	-	-	-	-	-
21350	Laboratory Analysis	-	-	-	-	-	-
21400	Utilities	-	-	-	-	-	-
21420	General Other Services	2,500	817	1,634	2,500	-	0.00%
21430	Governance & Strategic Support	-	-	-	-	-	-
21450	Bad Debt	-	-	-	-	-	-
Subtotal		\$ 14,500	\$ 9,648	\$ 16,351	\$ 50,700	\$ 36,200	249.66%
Communication							
22000	Radio	\$ 7,000	\$ 6,186	\$ 12,372	\$ 7,000	\$ -	0.00%
22150	Telephone & Data Service	1,000	345	690	800	(200)	-20.00%
22200	Cell Phones & Pagers	9,600	4,707	9,414	9,600	-	0.00%
Subtotal		\$ 17,600	\$ 11,238	\$ 22,476	\$ 17,400	\$ (200)	-1.14%
Information Technology							
31000	Computer Hardware	\$ 2,000	\$ -	\$ 2,000	\$ 4,000	\$ 2,000	100.00%
31150	SCADA Maint. & Support	-	-	-	-	-	-
31200	Maintenance & Support Services	2,500	2,296	4,592	2,500	-	0.00%
31250	Software Purchases	2,000	-	-	2,000	-	0.00%
Subtotal		\$ 6,500	\$ 2,296	\$ 6,592	\$ 8,500	\$ 2,000	30.77%
Supplies							
33000	Office Supplies	\$ 2,000	\$ 123	\$ 246	\$ 2,000	\$ -	0.00%
33150	Subscriptions/Reference Material	-	-	-	-	-	-
33350	Postage & Delivery	-	-	-	-	-	-
Subtotal		\$ 2,000	\$ 123	\$ 246	\$ 2,000	\$ -	0.00%
Operation & Maintenance							
41000	Building & Grounds	\$ 11,000	\$ 3,847	\$ 7,694	\$ 9,900	\$ (1,100)	-10.00%
41150	Building & Land Lease	-	-	-	-	-	-
41200	Pump Station Maintenance	-	-	-	-	-	-
41300	Dam Maintenance	-	-	-	-	-	-
41350	Pipeline/Appurtenances	2,500	194	388	2,500	-	0.00%
41400	Materials, Supplies & Tools	26,850	22,437	44,874	20,750	(6,100)	-22.72%
41450	Chemicals	-	-	-	-	-	-
41500	Vehicle Maintenance	14,900	16,353	32,706	13,800	(1,100)	-7.38%
41550	Equipment Repair, Replace, Maint.	15,500	5,359	10,718	21,100	5,600	36.13%
41600	Instrumentation & Metering	1,500	537	1,074	1,500	-	0.00%
41650	Fuel & Lubricants	20,000	7,445	14,890	15,000	(5,000)	-25.00%
41700	General Other Maintenance	-	-	-	-	-	-
Subtotal		\$ 92,250	\$ 56,172	\$ 112,344	\$ 84,550	\$ (7,700)	-8.35%

**Rivanna Water and Sewer Authority
Fiscal Year 2020-2021 Proposed Budget
Expense Detail**

Department: Maintenance

2020	2020
vs.	vs.
2021	2021
Variance	Variance
\$	%

Object Code	Line Item	Adopted Budget FY 2019-2020	Current Year Activity		Proposed Budget FY 2020-2021	2020 vs. 2021	
			Six Month Actual 12/31/2019	Projected Year end 6/30/2020		Variance \$	Variance %
81000	Equipment Purchases						
81200	Rental & Leases	\$ 3,500	\$ 51	\$ 102	\$ 1,000	\$ (2,500)	-71.43%
81250	Equipment (over \$10,000)	36,800	-	36,800	15,000	(21,800)	-59.24%
81300	Vehicle Replacement Fund	92,000	46,000	92,000	123,000	31,000	33.70%
	<i>Subtotal</i>	\$ 132,300	\$ 46,051	\$ 128,902	\$ 139,000	\$ 6,700	5.06%
95000	Allocations from Departments						
95100	Administrative Allocation	\$ -	\$ -	\$ -	\$ -	\$ -	-
95300	Engineering Allocation	-	-	-	-	-	-
95150	Maintenance Allocation	-	-	-	-	-	-
95200	Laboratory Allocation	-	-	-	-	-	-
	<i>Subtotal</i>	\$ -	\$ -	\$ -	\$ -	\$ -	-
	Depreciation	-	-	-	-	-	-
	<i>Subtotal</i>	\$ -	\$ -	\$ -	\$ -	\$ -	-
	Total	\$ 1,610,783	\$ 757,324	\$ 1,543,641	\$ 1,535,755	\$ (75,028)	-4.66%

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Laboratory Summary

FY 2020			FY 2021		Budget % Change
Budgeted FY 2020	Actual for 6 months	Projected 12 months	Proposed Budget		

Operations Budget

Projected Revenues
 N/A

Projected Expenses

Personnel Cost	\$ 394,222	\$ 189,835	\$ 380,229	\$ 404,171	2.52%
Professional Services	-	-	-	-	
Other Services and Charges	9,230	379	5,540	7,600	-17.66%
Communications	1,153	614	-	2,100	82.13%
Information Technology	2,500	-	2,500	2,500	0.00%
Supplies	2,150	219	724	1,300	-39.53%
Operations and Maintenance	62,000	43,239	86,478	97,250	56.85%
Equipment Purchases	1,700	40,850	41,700	1,600	-5.88%
Depreciation	-	-	-	-	
Total Operations Expenses	\$ 472,955	\$ 275,136	\$ 517,171	\$ 516,521	9.21%

Department Summary					
Total Revenues		\$ -	\$ -	\$ -	\$ -
Total Expenses		472,955	275,136	517,171	516,521
Net Costs Allocable to Rate Centers		\$ (472,955)	\$ (275,136)	\$ (517,171)	\$ (516,521)
Allocations to the Rate Centers					
Urban Water	44.00%	\$ 208,100	\$ 121,060	\$ 227,555	\$ 227,269
Crozet Water	4.00%	18,918	11,005	20,687	20,661
Scottsville Water	2.00%	9,459	5,503	10,343	10,330
		-	-	-	-
Urban Wastewater	47.00%	222,289	129,314	243,070	242,765
Glenmore Wastewater	1.50%	7,094	4,127	7,758	7,748
Scottsville Wastewater	1.50%	7,094	4,127	7,758	7,748
	100.00%	\$ 472,954	\$ 275,136	\$ 517,171	\$ 516,521

**Rivanna Water and Sewer Authority
Fiscal Year 2020-2021 Proposed Budget
Expense Detail**

Department: Laboratory

Object Code	Line Item	Adopted Budget FY 2019-2020	Current Year Activity		Proposed Budget FY 2020-2021	2020	2020
			Six Month Actual 12/31/2019	Projected Year end 6/30/2020		vs. 2021 Variance \$	vs. 2021 Variance %
Salaries & Benefits							
10000	Salaries	\$ 273,465	\$ 138,150	\$ 276,300	\$ 281,000	\$ 7,535	2.76%
11010	Overtime & Holiday Pay	6,000	3,459	6,918	6,000	-	0.00%
12010	FICA	21,379	10,431	20,862	21,956	577	2.70%
12020	Health Insurance	50,429	20,226	40,452	54,000	3,571	7.08%
12026	Employee Assistance Program	50	18	36	50	-	0.00%
12030	Retirement	26,307	11,118	22,236	25,290	(1,017)	-3.87%
12040	Life Insurance	3,582	1,717	3,434	3,765	183	5.11%
12050	Fitness Program	500	260	520	500	-	0.00%
12060	Worker's Comp Insurance	5,400	3,211	4,281	5,600	200	3.70%
Subtotal		\$ 387,112	\$ 188,590	\$ 375,039	\$ 398,161	\$ 11,049	2.85%
Other Personnel Costs							
13000	Employee Dues & Licenses	\$ 500	\$ -	\$ 500	\$ 500	\$ -	0.00%
13150	Education & Training	1,680	445	890	1,680	-	0.00%
13200	Travel & Lodging	1,930	-	1,800	1,930	-	0.00%
13250	Uniforms	2,000	621	1,242	1,000	(1,000)	-50.00%
13325	Recruiting & Medical Testing	600	179	358	500	(100)	0.00%
13350	Other	400	-	400	400	-	0.00%
Subtotal		\$ 7,110	\$ 1,245	\$ 5,190	\$ 6,010	\$ (1,100)	-15.47%
Professional Services							
20100	Legal Fees	\$ -	\$ -	\$ -	\$ -	\$ -	-
20200	Financial & Admin. Services	-	-	-	-	-	-
20250	Bond Issue Costs	-	-	-	-	-	-
20300	Engineering & Technical Services	-	-	-	-	-	-
Subtotal		\$ -	\$ -	\$ -	\$ -	\$ -	-
Other Services and Charges							
21100	General Liability/Property Ins.	\$ 530	\$ 312	\$ 416	\$ 400	\$ (130)	-24.53%
21150	Advertising & Communication	-	-	-	-	-	-
21250	Watershed Management	-	-	-	-	-	-
21252	EMS Programs/Supplies	-	-	-	-	-	-
21253	Safety Programs/Supplies	700	62	124	700	-	0.00%
21300	Authority Dues/Permits/Fees	3,000	5	3,500	4,500	1,500	50.00%
21350	Laboratory Analysis	4,500	-	1,000	1,000	(3,500)	-77.78%
21400	Utilities	-	-	-	-	-	-
21420	General Other Services	500	-	500	1,000	500	100.00%
21430	Governance & Strategic Support	-	-	-	-	-	-
21450	Bad Debt	-	-	-	-	-	-
Subtotal		\$ 9,230	\$ 379	\$ 5,540	\$ 7,600	\$ (1,630)	-17.66%
Communication							
22000	Radio	\$ -	\$ -	\$ -	\$ -	\$ -	-
22150	Telephone & Data Service	-	-	-	-	-	-
22200	Cell Phones & Pagers	1,153	614	1,228	2,100	947	82.13%
Subtotal		\$ 1,153	\$ 614	\$ 1,228	\$ 2,100	\$ 947	-
Information Technology							
31100	Computer Hardware	\$ 1,500	\$ -	\$ 1,500	\$ 1,500	\$ -	0.00%
31150	SCADA Maint. & Support	-	-	-	-	-	-
31200	Maintenance & Support Services	800	-	800	800	-	0.00%
31250	Software Purchases	200	-	200	200	-	0.00%
Subtotal		\$ 2,500	\$ -	\$ 2,500	\$ 2,500	\$ -	0.00%
Supplies							
33000	Office Supplies	\$ 1,500	\$ 107	\$ 500	\$ 800	\$ (700)	-46.67%
33150	Subscriptions/Reference Material	300	-	-	-	(300)	-100.00%
33350	Postage & Delivery	350	112	224	500	150	42.86%
Subtotal		\$ 2,150	\$ 219	\$ 724	\$ 1,300	\$ (850)	-39.53%
Operation & Maintenance							
41000	Building & Grounds	\$ -	\$ -	\$ -	\$ -	\$ -	-
41150	Building & Land Lease	-	-	-	-	-	-
41200	Pump Station Maintenance	-	-	-	-	-	-
41300	Dam Maintenance	-	-	-	-	-	-
41350	Pipeline/Appurtenances	-	-	-	-	-	-
41400	Materials, Supplies & Tools	30,500	15,123	30,246	33,000	2,500	8.20%

**Rivanna Water and Sewer Authority
Fiscal Year 2020-2021 Proposed Budget
Expense Detail**

Department: Laboratory

Object Code	Line Item	Adopted Budget FY 2019-2020	Current Year Activity		Proposed Budget FY 2020-2021	2020	2020
			Six Month Actual 12/31/2019	Projected Year end 6/30/2020		vs. 2021 Variance \$	vs. 2021 Variance %
41450	Chemicals	15,000	14,506	29,012	21,300	6,300	42.00%
41500	Vehicle Maintenance	-	107	214	3,500	3,500	
41550	Equipment Repair, Replace, Maint.	6,000	3,833	7,666	23,400	17,400	290.00%
41600	Instrumentation & Metering	10,000	9,366	18,732	15,500	5,500	55.00%
41650	Fuel & Lubricants	500	304	608	550	50	10.00%
41700	General Other Maintenance	-	-	-	-	-	
Subtotal		\$ 62,000	\$ 43,239	\$ 86,478	\$ 97,250	\$ 35,250	56.85%
81000	Equipment Purchases						
81200	Rental & Leases	\$ -	\$ -	\$ -	\$ -	\$ -	
81250	Equipment (over \$10,000)	-	40,000	40,000	-	-	
81300	Vehicle Replacement Fund	1,700	850	1,700	1,600	(100)	-5.88%
Subtotal		\$ 1,700	\$ 40,850	\$ 41,700	\$ 1,600	\$ (100)	-5.88%
95000	Allocations from Departments						
95100	Administrative Allocation	\$ -	\$ -	\$ -	\$ -	\$ -	
95300	Engineering Allocation	-	-	-	-	-	
95150	Maintenance Allocation	-	-	-	-	-	
95200	Laboratory Allocation	-	-	-	-	-	
Subtotal		\$ -	\$ -	\$ -	\$ -	\$ -	
Depreciation		-	-	-	\$ -	-	
Subtotal		\$ -	\$ -	\$ -	\$ -	\$ -	
Total		\$ 472,955	\$ 275,136	\$ 518,399	\$ 516,521	\$ 43,566	9.21%

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Engineering Summary

FY 2020			FY 2021		Budget % Change
Budgeted FY 2020	Actual for 6 months	Projected 12 months	Proposed Budget		

Operations Budget

Projected Revenues

Payment for Services SWA	\$	-	\$	1,868	\$	3,736	\$	-
Total Operations Revenues	\$	-	\$	1,868	\$	3,736	\$	-

Projected Expenses

Personnel Cost	\$	1,347,631	\$	674,112	\$	1,340,949	\$	1,469,357	9.03%
Professional Services		20,000		49,963		124,926		30,000	50.00%
Other Services and Charges		10,350		6,235		10,545		13,800	33.33%
Communications		14,500		7,933		15,866		16,200	11.72%
Information Technology		21,200		32,255		44,510		41,500	95.75%
Supplies		9,800		2,166		8,378		9,800	0.00%
Operations and Maintenance		110,598		56,944		113,888		127,250	15.06%
Equipment Purchases		18,600		9,300		18,600		21,500	15.59%
Depreciation		-		-		-		-	
Total Operations Expenses	\$	1,552,679	\$	838,908	\$	1,677,662	\$	1,729,407	11.38%

Department Summary										
Total Revenues		\$	-	\$	1,868	\$	3,736	\$	-	
Total Expenses			1,552,679		838,908		1,677,662		1,729,407	11.38%
Net Costs Allocable to Rate Centers		\$	(1,552,679)	\$	(837,040)	\$	(1,673,926)	\$	(1,729,407)	
Allocations to the Rate Centers										
Urban Water	47.00%	\$	729,759	\$	393,409	\$	786,745	\$	812,821	
Crozet Water	4.00%		62,107		33,482		66,957		69,176	
Scottsville Water	2.00%		31,054		16,741		33,479		34,588	
Urban Wastewater	44.00%		683,179		368,298		736,527		760,939	
Glenmore Wastewater	1.50%		23,290		12,556		25,109		25,941	
Scottsville Wastewater	1.50%		23,290		12,556		25,109		25,941	
	100.00%	\$	1,552,679	\$	837,042	\$	1,673,926	\$	1,729,406	

**Rivanna Water and Sewer Authority
Fiscal Year 2020-2021 Proposed Budget
Expense Detail**

Department: Engineering

Object Code	Line Item	Adopted Budget FY 2019-2020	Current Year Activity		Proposed Budget FY 2020-2021	2020	2020
			Six Month Actual 12/31/2019	Projected Year end 6/30/2020		vs. 2021 Variance \$	vs. 2021 Variance %
Salaries & Benefits							
10000	Salaries	\$ 957,874	\$ 487,222	\$ 974,444	\$ 1,035,480	\$ 77,606	8.10%
11000	Overtime & Holiday Pay	6,000	8,320	16,640	10,000	4,000	66.67%
12010	FICA	73,736	36,304	72,608	79,979	6,243	8.47%
12020	Health Insurance	151,286	69,454	138,908	175,300	24,014	15.87%
12026	Employee Assistance Program	150	54	108	180	30	20.00%
12030	Retirement	92,147	39,601	79,202	93,193	1,046	1.14%
12040	Life Insurance	12,548	6,146	12,292	13,875	1,327	10.58%
12050	Fitness Program	2,000	2,120	4,240	2,000	-	0.00%
12060	Worker's Comp Insurance	18,200	10,912	14,549	20,800	2,600	14.29%
Subtotal		\$ 1,313,941	\$ 660,133	\$ 1,312,991	\$ 1,430,807	\$ 116,866	8.89%
Other Personnel Costs							
13000	Employee Dues & Licenses	\$ 2,500	\$ 2,465	\$ 4,930	\$ 2,900	\$ 400	16.00%
13150	Education & Training	12,840	4,355	8,710	13,900	1,060	8.26%
13200	Travel & Lodging	13,300	3,729	7,458	15,100	1,800	13.53%
13250	Uniforms	3,500	2,577	5,154	4,450	950	27.14%
13325	Recruiting & Medical Testing	550	370	740	600	50	9.09%
13350	Other	1,000	483	966	1,600	600	60.00%
Subtotal		\$ 33,690	\$ 13,979	\$ 27,958	\$ 38,550	\$ 4,860	14.43%
Professional Services							
20100	Legal Fees	\$ 5,000	\$ 4,590	\$ 9,180	\$ 15,000	\$ 10,000	200.00%
20200	Financial & Admin. Services	-	-	-	-	-	-
20250	Bond Issue Costs	-	-	-	-	-	-
20300	Engineering & Technical Services	15,000	45,373	115,746	15,000	-	0.00%
Subtotal		\$ 20,000	\$ 49,963	\$ 124,926	\$ 30,000	\$ 10,000	50.00%
Other Services and Charges							
21100	General Liability/Property Ins.	\$ 4,900	\$ 2,887	\$ 3,849	\$ 3,300	\$ (1,600)	-32.65%
21150	Advertising & Communication	200	-	-	200	-	0.00%
21250	Watershed Management	-	-	-	-	-	-
21252	EMS Programs/Supplies	-	-	-	-	-	-
21253	Safety Programs/Supplies	3,000	2,141	4,282	3,000	-	0.00%
21300	Authority Dues/Permits/Fees	1,500	1,000	2,000	1,500	-	0.00%
21350	Laboratory Analysis	250	-	-	250	-	0.00%
21400	Utilities	500	207	414	550	50	10.00%
21420	General Other Services	-	-	-	-	-	-
21430	Governance & Strategic Support	-	-	-	5,000	5,000	-
21450	Bad Debt	-	-	-	-	-	-
Subtotal		\$ 10,350	\$ 6,235	\$ 10,545	\$ 13,800	\$ 3,450	33.33%
Communication							
22000	Radio	\$ 4,500	\$ 4,253	\$ 8,506	\$ 4,800	\$ 300	6.67%
22150	Telephone & Data Service	1,500	700	1,400	1,500	-	0.00%
22200	Cell Phones & Pagers	8,500	2,980	5,900	9,900	1,400	16.47%
Subtotal		\$ 14,500	\$ 7,933	\$ 15,866	\$ 16,200	\$ 1,700	11.72%
Information Technology							
31000	Computer Hardware	\$ 9,000	\$ 11,988	\$ 13,976	\$ 11,000	\$ 2,000	22.22%
31150	SCADA Maint. & Support	-	-	-	-	-	-
31200	Maintenance & Support Services	9,200	19,970	29,940	26,000	16,800	182.61%
31250	Software Purchases	3,000	297	594	4,500	1,500	50.00%
Subtotal		\$ 21,200	\$ 32,255	\$ 44,510	\$ 41,500	\$ 20,300	95.75%
Supplies							
33000	Office Supplies	\$ 5,000	\$ 1,943	\$ 3,886	\$ 5,000	\$ -	0.00%
33150	Subscriptions/Reference Material	4,200	77	4,200	4,300	100	2.38%
33350	Postage & Delivery	600	146	292	500	(100)	-16.67%
Subtotal		\$ 9,800	\$ 2,166	\$ 8,378	\$ 9,800	\$ -	0.00%
Operation & Maintenance							
41000	Building & Grounds	\$ 29,500	\$ 10,231	\$ 20,462	\$ 29,700	\$ 200	0.68%
41150	Building & Land Lease	6,600	726	1,452	26,400	19,800	300.00%
41200	Pump Station Maintenance	-	-	-	-	-	-
41300	Dam Maintenance	-	-	-	-	-	-
41350	Pipeline/Appurtenances	20,698	4,774	9,548	16,350	(4,348)	-21.01%
41400	Materials, Supplies & Tools	27,800	23,792	47,584	25,300	(2,500)	-8.99%
41450	Chemicals	-	-	-	-	-	-
41500	Vehicle Maintenance	20,000	12,964	25,928	24,000	4,000	20.00%
41550	Equipment Repair, Replace, Maint.	500	727	1,454	500	-	0.00%

**Rivanna Water and Sewer Authority
Fiscal Year 2020-2021 Proposed Budget
Expense Detail**

Department: Engineering

Object Code	Line Item	Adopted Budget FY 2019-2020	Current Year Activity		Proposed Budget FY 2020-2021	2020	2020
			Six Month Actual 12/31/2019	Projected Year end 6/30/2020		vs. 2021 Variance \$	vs. 2021 Variance %
41600	Instrumentation & Metering	-	-	-	-	-	
41650	Fuel & Lubricants	5,500	3,730	7,460	5,000	(500)	-9.09%
41700	General Other Maintenance	-	-	-	-	-	
Subtotal		\$ 110,598	\$ 56,944	\$ 113,888	\$ 127,250	\$ 16,652	15.06%
81000	Equipment Purchases						
81200	Rental & Leases	\$ -	\$ -	\$ -	\$ -	\$ -	
81250	Equipment (over \$10,000)	-	-	-	-	-	
81300	Vehicle Replacement Fund	18,600	9,300	18,600	21,500	2,900	15.59%
Subtotal		\$ 18,600	\$ 9,300	\$ 18,600	\$ 21,500	\$ 2,900	15.59%
95000	Allocations from Departments						
95100	Administrative Allocation	\$ -	\$ -	\$ -	\$ -	\$ -	
95300	Engineering Allocation	-	-	-	-	-	
95150	Maintenance Allocation	-	-	-	-	-	
95200	Laboratory Allocation	-	-	-	-	-	
Subtotal		\$ -	\$ -	\$ -	\$ -	\$ -	
Depreciation		-	-	-	\$ -	-	
Subtotal		\$ -	\$ -	\$ -	\$ -	\$ -	
Total		\$ 1,552,679	\$ 838,908	\$ 1,677,662	\$ 1,729,407	\$ 176,728	11.38%

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APPENDICES

Rivanna Water and Sewer Authority

Fiscal Year 2020-2021

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Flow Projections

		<i>(1,000 GALLONS)</i>			<i>(MILLION GALLONS PER DAY)</i>		
		<u>FY 2020</u>	<u>FY 2021</u>	<u>% Change</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>% Change</u>
Water							
	Urban	3,397,700	3,397,700	0.00%	9.309	9.309	0.00%
	Crozet	199,053	198,830	-0.11%	0.545	0.545	0.00%
	Scottsville	18,151	17,245	-4.99%	0.050	0.047	-6.00%
Total		<u>3,614,904</u>	<u>3,613,775</u>	<u>-0.03%</u>	<u>9.904</u>	<u>9.901</u>	<u>-0.03%</u>
Wastewater							
	Urban	3,390,400	3,390,400	0.00%	9.289	9.289	0.00%
	Glenmore	39,892	41,629	4.35%	0.109	0.114	4.59%
	Scottsville	21,677	23,126	6.68%	0.059	0.063	6.78%
Total		<u>3,451,969</u>	<u>3,455,155</u>	<u>0.09%</u>	<u>9.457</u>	<u>9.466</u>	<u>0.10%</u>

Allocation (Urban Area Only)	<u>FY 2020</u>	<u>FY 2021</u>	<u>Allocation % Change</u>
Water			
City	51%	51%	0.00%
ACSA	49%	49%	0.00%
Wastewater			
City	50%	49%	-2.00%
ACSA	50%	51%	2.00%

FY 2021 allocations are based on FY 2019 retail flows reported by the City and ACSA.

		<i>(1,000 GALLONS)</i>			<i>(MILLION GALLONS PER DAY)</i>		
Allocation (Urban Area Only)		<u>FY 2020</u>	<u>FY 2021</u>	<u>% Change</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>% Change</u>
Water							
	City	1,732,827	1,732,827	0.00%	4.747	4.747	0.00%
	ACSA	1,664,873	1,664,873	0.00%	4.561	4.561	0.00%
		<u>3,397,700</u>	<u>3,397,700</u>				
Wastewater							
	City	1,695,200	1,661,296	-2.00%	4.644	4.551	-2.00%
	ACSA	1,695,200	1,729,104	2.00%	4.644	4.737	2.00%
		<u>3,390,400</u>	<u>3,390,400</u>				

URBAN WATER DEBT SERVICE COSTS
Summary of Debt Service Budget to be included in Monthly Charges

City Allocation of Debt Service Costs	Estimated Debt Service Budget FY 2021	City %	City Amount	Annual Total
ALLOCATION BASED ON FLOWS				
<i>Regional Water System Projects:</i>				
9.2% of 2019 Refunding Bond	\$ 129,956	51.00%	\$ 66,278	
14.2% of 2015B Bond - New Projects	239,964	51.00%	122,382	188,660
<i>Revenues that offset Debt Service</i>				
Trust Fund Interest	(49,000)	51.00%	(24,990)	
Buck Mountain Surcharge	-	FIXED	-	
Use of Reserves	(662,000)	FIXED	(271,800)	
Lease Revenues	(1,600)	51.00%	(816)	(297,606)
RATES BASED ON FIXED AGREEMENTS				
<i>2003 & 2012 Urban Water Agreement</i>				
<i>Water Supply Expansion (15%/85%)</i>				
100% of 2012B Revenue Bond	1,338,656	15.00%	200,798	
9.0% of 2015B Bond - Refunding	142,140	15.00%	21,321	
<i>Water Pipeline (20%/80%)</i>				
10.4% of 2018 Bond	234,532	20.00%	46,906	
<i>Non-Water Supply - Other Projects (48%/52%)</i>				
47.4% of 2015B Bond - Refunding	748,602	48.00%	359,329	
77.8% of 2015B Bond - New Projects	1,314,732	48.00%	631,071	
37.7% of 2018 Bond	850,997	48.00%	408,479	
<i>South Rivanna Expansion of 1999</i>				
10.3% of 2015B Bond - Refunding	162,671	0.00%	-	1,667,904
<i>Southern Loop Water Line, West Branch</i>				
0.8% of 2019 Refunding Bond	10,775	24.51%	2,641	2,641
<i>South Rivanna Connector Main</i>				
3.0% of 2019 Refunding Bond	42,420	52.00%	22,058	22,058
DEBT SERVICE PROJECTED FROM 5-YEAR CIP				
<i>CIP Growth Rate from 2016-2020 CIP</i>	1,275,800	FIXED	591,350	591,350
<i>Debt Service Coverage Ratio / Policy Charge</i>	400,000	37.00%	148,000	148,000
Total Debt Service For Rate Computation	\$ 6,178,645		\$ 2,323,007	\$ 2,323,007

ACSA Allocation of Debt Service Costs	Estimated Debt Service Budget FY 2021	ACSA %	ACSA Amount	Annual Total
ALLOCATION BASED ON FLOWS				
<i>Regional Water System Projects:</i>				
9.2% of 2019 Refunding Bond	\$ 129,956	49.00%	\$ 63,678	
14.2% of 2015B Bond - New Projects	239,964	49.00%	117,582	181,260
<i>Revenues that offset Debt Service</i>				
Trust Fund Interest	(49,000)	49.00%	(24,010)	
Buck Mountain Surcharge	-	FIXED	-	
Use of Reserves	(662,000)	FIXED	(390,200)	
Lease Revenues	(1,600)	49.00%	(784)	(414,994)
RATES BASED ON FIXED AGREEMENTS				
<i>2003 & 2012 Urban Water Agreement</i>				
<i>Water Supply Expansion (15%/85%)</i>				
100% of 2012B Revenue Bond	1,338,656	85.00%	1,137,858	
9.0% of 2015B Bond - Refunding	142,140	85.00%	120,819	
<i>Water Pipeline (20%/80%)</i>				
10.4% of 2018 Bond	234,532	80.00%	187,626	
<i>Non-Water Supply - Other Projects (48%/52%)</i>				
47.4% of 2015B Bond - Refunding	748,602	52.00%	389,273	
77.8% of 2015B Bond - New Projects	1,314,732	52.00%	683,661	
37.7% of 2018 Bond	850,997	52.00%	442,518	
<i>South Rivanna Expansion of 1999</i>				
10.3% of 2015B Bond - Refunding	162,671	100.00%	162,671	3,124,426
<i>Southern Loop Water Line, West Branch</i>				
0.8% of 2019 Refunding Bond	10,775	75.49%	8,134	8,134
<i>South Rivanna Connector Main</i>				
3.0% of 2019 Refunding Bond	42,420	48.00%	20,362	20,362
DEBT SERVICE PROJECTED FROM 5-YEAR CIP				
<i>CIP Growth Rate from 2016-2020 CIP</i>	1,275,800	FIXED	684,450	684,450
<i>Debt Service Coverage Ratio / Policy Charge</i>	400,000	63.00%	252,000	252,000
Total Debt Service For Rate Computation	\$ 6,178,645		\$ 3,855,638	\$ 3,855,638

SUMMARY OF DEBT SERVICE REVENUES:			
CITY SHARE OF TOTAL DEBT SERVICE	\$ 2,323,007		38%
ACSA SHARE OF TOTAL DEBT SERVICE	3,855,638		62%
	\$ 6,178,645		100%

URBAN WASTEWATER DEBT SERVICE COSTS
Summary of Debt Service Budget to be Included in Charges

City Allocation of Debt Service Costs		Estimated Debt Service Budget FY 2021	City %	City Amount	
ALLOCATION BASED ON FLOWS					
<i>System Projects Rate</i>					
22.9% of 2015B Bond Refunding		\$ 361,666	49%	\$ 177,216	
100% 2005A Bond VRA/VRLF		159,339	49%	78,076	
88.5% of 2009A Bond VRA/VRLF		1,419,716	49%	695,661	
37.9% of 2011 A,B Bond VRA/VRLF		192,130	49%	94,144	
24.5% of 2019 Refunding Bond		345,546	49%	169,318	
100% of 2016 Bond		626,383	49%	306,928	
2.4% of 2018 Bond		54,401	49%	26,656	1,547,999
<i>Revenues/Reserves that offset Debt Service</i>					
County MOU - Septage		(109,440)	49%	(53,626)	
Use of Reserves		(94,400)	Fixed	-	
Trust Fund Interest		(74,000)	49%	(36,260)	(89,886)
ALLOCATION BASED ON FIXED AGREEMENTS					
<u>2014 Wastewater Agreement</u>					
Meadowcreek	97.9% of 2010A and 10.9% of 2019 Bonds	1,096,278	Segments	899,609	
Wet Weather MCWWTP	11.5% of 2009A and 62.1% of 2011 A/B Bonds	499,293	Segments	317,447	
Moore's Creek Pump Stn.	100% of 2011 D/E Bond	296,945	Segments	181,964	
Rivanna Pump Stn. & F.M.	5.8% of 2019 and 100% of 2014A Bonds	1,963,640	Segments	1,229,655	
Albemarle Berkley Pump Stn.	3.4% of 2019 Refunding Bond	47,428	0%	-	
Crozet Interceptor	2.3% of 2019 and 13.8% of 2018	343,802	0%	-	
Schenks Branch Agreement	16.1% of 2019, 2.1% of 2010A, and 100% of 2015A Bonds	316,260	100%	316,260	2,944,935
<u>Four Party Rate</u>					
Regional System Projects	3.9% of 2019 Refunding Bond	54,216	N/A	17,593	
Crozet Interceptor	0.7% of 2019 Refunding Bond	10,803	N/A	3,506	
Facilities Purchase	1.4% of 2019 Refunding Bond	19,786	N/A	6,421	27,520
Moore's Creek Relief IS, Pt 1	0.3% of 2019 Refunding Bond	4,499	30%	1,350	1,350
DEBT SERVICE PROJECTED FROM 5-YEAR CIP					
CIP Growth Charge from 2016-2020 CIP		369,800	Fixed	257,600	257,600
Debt Service Coverage Ratio / Policy Charge		325,000	62%	201,500	201,500
Total		\$ 8,229,091		\$ 4,891,018	\$ 4,891,018

ACSA Allocation of Debt Service Costs		Estimated Debt Service Budget FY 2021	ACSA %	ACSA Amount	
ALLOCATION BASED ON FLOWS					
<i>System Projects Rate</i>					
22.9% of 2015B Bond Refunding		\$ 361,666	51%	\$ 184,500	
100% 2005A Bond VRA/VRLF		159,339	51%	81,263	
88.5% of 2009A Bond VRA/VRLF		1,419,716	51%	724,055	
37.9% of 2011 A,B Bond VRA/VRLF		192,130	51%	97,986	
24.5% of 2019 Refunding Bond		345,546	51%	176,228	
100% of 2016 Bond		626,383	51%	319,455	
2.4% of 2018 Bond		54,401	51%	27,745	1,611,182
<i>Revenues/Reserves that offset Debt Service</i>					
County MOU - Septage		(109,440)	51%	(55,814)	
Use of Reserves		(94,400)	51%	(94,400)	
Trust Fund Interest		(74,000)	51%	(37,740)	(187,954)
ALLOCATION BASED ON FIXED AGREEMENTS					
<u>2014 Wastewater Agreement</u>					
Meadowcreek	97.9% of 2010A and 10.9% of 2019 Bonds	1,096,278	Segments	196,669	
Wet Weather MCWWTP	11.5% of 2009A and 62.1% of 2011 A/B Bonds	499,293	Segments	181,845	
Moore's Creek Pump Stn.	100% of 2011 D/E Bond	296,945	Segments	114,981	
Rivanna Pump Stn. & F.M.	5.8% of 2019 and 100% of 2014A Bonds	1,963,640	Segments	733,985	
Albemarle Berkley Pump Stn.	3.4% of 2019 Refunding Bond	47,428	100%	47,428	
Crozet Interceptor	2.3% of 2019 and 13.8% of 2018	343,802	100%	343,802	
Schenks Branch Agreement	16.1% of 2019, 2.1% of 2010A, and 100% of 2015A Bonds	316,260	0%	-	1,618,710
<u>Four Party Rate</u>					
Regional System Projects	3.9% of 2019 Refunding Bond	54,216	N/A	36,623	
Crozet Interceptor	0.7% of 2019 Refunding Bond	10,803	N/A	7,297	
Facilities Purchase	1.4% of 2019 Refunding Bond	19,786	N/A	13,365	57,285
Moore's Creek Relief IS, Pt 1	0.3% of 2019 Refunding Bond	4,499	70%	3,149	3,149
DEBT SERVICE PROJECTED FROM 5-YEAR CIP					
CIP Growth Charge from 2016-2020 CIP		369,800	Fixed	112,200	112,200
Debt Service Coverage Ratio / Policy Charge		325,000	38%	123,500	123,500
Total		\$ 8,229,091		\$ 3,338,072	\$ 3,338,072

SUMMARY OF DEBT SERVICE REVENUES:		
CITY SHARE OF TOTAL DEBT SERVICE	\$ 4,891,018	59%
ACSA SHARE OF TOTAL DEBT SERVICE	3,338,072	41%
	\$ 8,229,090	100%

OTHER RATE CENTERS DEBT SERVICE RATES

Summary of Debt Service Payments Due

	Existing		Estimated New	Total Annual	ACSA Monthly
	Estimated Debt		Debt Service	Debt Service	Rate
	Service Budget				
	FY 2021	FY 2020			
WATER					
<u>Crozet Water</u>					
<i>System Upgrades</i>					
13.9% of 2019 Refunding Bond	\$ 194,693	\$ 2,830			
17.0% of 2012A Bond (new money)	-	205,894			
7.4% of 2015B Bond Refunding	116,870	116,763			
5.9% of 2015B Bond New Projects	99,703	99,911			
35.7% of 2018 Bond	806,303	805,417			
Estimated DS - CIP Growth in Rate	-	86,000	\$ 303,600		
<i>Revenues that offset Debt Service</i>					
Use of Reserves	(198,252)				
Trust Fund Interest	(11,600)	(5,500)	-		
	\$ 1,007,717	\$ 1,311,315	\$ 303,600	\$ 1,311,317	\$ 109,276
<u>Scottsville Water</u>					
<i>System Upgrades</i>					
3.4% of 2019 Refunding Bond	\$ 47,902	\$ 492			
4.2% of 2012A Bond (new money)	-	50,868			
2.7% of 2015B Bond Refunding	42,642	42,603			
2.1% of 2015B Bond New Projects	35,488	35,561			
Estimated DS - CIP Growth in Rate		925	\$ 3,917		
<i>Revenues that offset Debt Service</i>					
Trust Fund Interest	(1,200)	(1,700)	-		
	\$ 124,832	\$ 128,749	\$ 3,917	\$ 128,749	\$ 10,729
WASTEWATER					
<u>Glenmore Wastewater</u>					
<i>System Upgrades</i>					
0.1% of 2015B Bond Refunding	\$ 1,579	\$ 1,578			
Estimated DS - CIP Growth in Rate	-	2,200	\$ 2,199		
<i>Revenues that offset Debt Service</i>					
Trust Fund Interest	-	-	-		
	\$ 1,579	\$ 3,778	\$ 2,199	\$ 3,778	\$ 315
<u>Scottsville Wastewater</u>					
<i>Facilities Purchase</i>					
0.3% of 2012A Refunding Bond	\$ -	\$ 953			
<i>System Upgrades</i>					
0.3% of 2019 Refunding Bond	4,305	3,633			
0.2% of 2015B Bond Refunding	3,159	3,156			
Estimated DS - CIP Growth in Rate		1,800	\$ 2,078		
<i>Revenues that offset Debt Service</i>					
Trust Fund Interest	(100)	(100)	-		
	\$ 7,364	\$ 9,442	\$ 2,078	\$ 9,442	\$ 787
TOTAL	\$ 1,141,492	\$ 1,453,284	\$ 311,794	\$ 1,453,286	\$ 121,107

DEBT SUMMARY

	Total Revenue Bond Debt	Total FY 2021 Debt Service	Total FY 2020 Debt Service
<u>CURRENT EXISTING DEBT</u>			
<u>DEBT BY BOND ISSUE</u>			
2005 A Bond VRA/VRLF	\$ 934,647	\$ 159,339	\$ 159,339
2009A Bond	14,619,868	1,604,199	1,604,199
2010A Bond	9,051,281	962,522	962,522
2011A Bond	4,524,226	443,608	443,608
2011B Bond	645,899	63,332	63,332
2011D,E Bond	3,144,686	296,944	296,944
2012A Bond (refunding & new money)	1,970,000	706,969	1,498,556
2012B Bond	22,065,000	1,338,656	1,338,456
2014A Bond	24,700,501	1,882,336	1,882,336
2015A Bond	997,835	70,593	70,593
2015B Bond (refunding & new money)	38,980,000	3,269,216	3,271,281
2016 Bond	8,782,000	626,383	627,265
2018 Bond	36,295,000	2,257,288	2,254,806
2019 Bond	17,610,000	698,836	-
	\$ 184,320,943	\$ 14,380,221	\$ 14,473,237

Ratio of Debt / Debt Service 7.8%

PRINCIPAL AND INTEREST PAYMENTS BY CENTER - Annual

Urban Water	\$ 5,215,445	\$ 5,223,498
Crozet Water	1,217,569	1,230,815
Scottsville Water	126,032	129,524
Urban Wastewater	7,807,431	7,880,079
Glenmore Wastewater	1,579	1,578
Scottsville Wastewater	7,464	7,742
	\$ 14,375,521	\$ 14,473,234

Stone Robinson School WWTP Estimated Charges

Expenses	Total	Monthly
<i>Fixed Costs</i>		
Wages	\$ 6,800	
Benefits	2,380	
Mileage	1,700	
Subtotal	<u>\$ 10,880</u>	
Overhead at 35%	<u>3,808</u>	
Total Fixed Charge	<u>\$ 14,688</u>	
 <i>Variable Costs</i>		
Repairs, Maintenance, Other	\$ 6,000	
Overhead at 35%	<u>2,100</u>	
Total Variable Charge	<u>\$ 8,100</u>	
Total Annual Charge Estimate	<u>\$ 22,788</u>	<u>\$ 1,899</u>

Red Hill Community Water System Estimated Costs

Expenses	Total	Monthly
<i>Fixed Costs</i>		
Wages	\$ 22,360	
Benefits	7,826	
Mileage	6,400	
Subtotal	<u>\$ 36,586</u>	
Overhead at 35%	<u>12,805</u>	
Total Fixed Costs	<u>\$ 49,391</u>	
 <i>Variable Costs</i>		
Repairs, Maintenance, Other	\$ 25,000	
Overhead at 35%	<u>8,750</u>	
Total Variable Costs	<u>\$ 33,750</u>	
Total Annual Estimated Costs	<u>\$ 83,141</u>	<u>\$ 6,928</u>

All Rate Centers
Detailed Summary of Revenues

	<i>FY 2020</i>	<i>FY 2021</i>	<i>\$ Change</i>	<i>% Change</i>
<u>OPERATIONS</u>				
Operations Rate Revenues	\$ 17,381,293	\$ 17,381,293	\$ -	0.00%
Other Operations Revenues				
Interest Allocation	\$ 31,500	\$ 35,100	\$ 3,600	11.43%
Stone Robinson WWTP	22,478	22,788	310	1.38%
Septage/Sludge Acceptance	450,000	475,000	25,000	5.56%
Leases	100,000	105,000	5,000	5.00%
Administration	468,000	545,000	77,000	16.45%
Nutrient Credits	90,000	45,000	(45,000)	-50.00%
Use of Reserves	667,000	775,247	108,247	16.23%
Miscellaneous	10,000	-	(10,000)	-100.00%
	<u>\$ 1,838,978</u>	<u>\$ 2,003,135</u>	<u>\$ 164,157</u>	<u>8.93%</u>
Total Operations Revenues	<u>\$ 19,220,271</u>	<u>\$ 19,384,428</u>	<u>\$ 164,157</u>	<u>0.85%</u>
<u>DEBT SERVICE</u>				
Debt Service Rate Revenues				
City	\$ 7,214,015	\$ 7,214,025	\$ 10	0.00%
ACSA	8,647,007	8,646,991	(16)	0.00%
	<u>\$ 15,861,022</u>	<u>\$ 15,861,016</u>	<u>\$ (6)</u>	<u>0.00%</u>
Other Debt Service Revenues				
Interest	848,200	801,900	(46,300)	-5.46%
County MOU - Septage	109,440	109,440	-	0.00%
Buck Mountain Surcharge	125,900	-	(125,900)	-100.00%
Use of Reserves	-	954,652	954,652	
Leases	1,600	1,600	-	0.00%
	<u>\$ 1,085,140</u>	<u>\$ 1,867,592</u>	<u>\$ 782,452</u>	<u>72.11%</u>
Total Debt Service Revenues	<u>\$ 16,946,162</u>	<u>\$ 17,728,608</u>	<u>\$ 782,446</u>	<u>4.62%</u>
Total Revenues	<u>\$ 36,166,433</u>	<u>\$ 37,113,036</u>	<u>\$ 946,603</u>	<u>2.62%</u>

<i>Reserves used as revenues offset</i>	<u>\$ 667,000</u>	<u>\$ 1,729,899</u>	<u>\$ 1,062,899</u>	59%
<i>Actual Revenues</i>	35,499,433	35,383,137	(116,296)	

**Rivanna Water and Sewer Authority
Fiscal Year 2020-2021 Proposed Budget
Expense Detail**
Authority as a Whole

Object Code	Line Item	Adopted Budget FY 2019-2020	Current Year Activity		Proposed Budget FY 2020-2021	2020	2020
			Six Month Actual 12/31/2019	Projected Year end 6/30/2020		vs. 2021 Variance \$	vs. 2021 Variance %
10000	Salaries & Benefits						
11000	Salaries	\$ 5,876,908	\$ 2,983,064	\$ 5,966,128	\$ 5,908,780	\$ 31,872	0.54%
11010	Overtime Pay	285,500	138,776	277,552	304,000	18,500	6.48%
12010	FICA	471,423	225,270	450,540	475,278	3,855	0.82%
12020	Health Insurance	1,182,867	588,369	1,176,738	1,303,300	120,433	10.18%
12026	Employee Assistance Program	1,256	393	786	1,286	30	2.39%
12030	Retirement	565,358	234,599	469,198	531,791	(33,567)	-5.94%
12040	Life Insurance	76,986	36,463	72,926	79,177	2,191	2.85%
12050	Fitness Program	11,160	7,353	14,706	11,640	480	4.30%
12060	Worker's Comp Insurance	89,500	53,674	71,565	94,100	4,600	5.14%
	Subtotal	\$ 8,560,958	\$ 4,267,961	\$ 8,500,139	\$ 8,709,352	\$ 148,394	1.73%
13000	Other Personnel Costs						
13100	Employee Dues & Licenses	\$ 11,190	\$ 3,233	\$ 8,486	\$ 9,930	\$ (1,260)	-11.26%
13150	Education & Training	83,520	28,662	57,226	81,105	(2,415)	-2.89%
13200	Travel & Lodging	35,250	10,495	22,790	29,930	(5,320)	-15.09%
13250	Uniforms	48,515	26,912	52,582	53,565	5,050	10.41%
13325	Recruiting & Medical Testing	6,300	3,915	7,830	7,625	1,325	21.03%
13350	Other	14,345	13,546	17,586	21,750	7,405	51.62%
	Subtotal	\$ 199,120	\$ 86,763	\$ 166,500	\$ 203,905	\$ 4,785	2.40%
20100	Professional Services						
20100	Legal Fees	\$ 85,000	\$ 110,276	\$ 220,552	\$ 100,000	\$ 15,000	17.65%
20200	Financial & Admin. Services	69,000	26,219	69,000	123,000	54,000	78.26%
20250	Bond Issue Costs	-	-	-	-	-	0.00%
20300	Engineering & Technical Services	512,050	342,010	739,968	379,700	(132,350)	-25.85%
	Subtotal	\$ 666,050	\$ 478,505	\$ 1,029,520	\$ 602,700	\$ (63,350)	-9.51%
21100	Other Services and Charges						
21100	General Liability/Property Ins.	\$ 144,090	\$ 84,886	\$ 113,181	\$ 128,600	\$ (15,490)	-10.75%
21150	Advertising & Communication	15,425	5,991	11,982	16,700	1,275	8.27%
21250	Watershed Management	112,000	42,092	84,184	80,000	(32,000)	-28.57%
21252	EMS Programs/Supplies	500	-	-	2,000	1,500	300.00%
21253	Safety Programs/Supplies	104,687	41,955	83,674	114,130	9,443	9.02%
21300	Authority Dues/Permits/Fees	91,400	65,827	116,648	103,500	12,100	13.24%
21350	Laboratory Analysis	131,000	48,485	97,970	105,700	(25,300)	-19.31%
21400	Utilities	1,323,600	759,252	1,518,504	1,564,650	241,050	18.21%
21420	General Other Services	1,017,910	550,883	1,102,266	1,008,000	(9,910)	-0.97%
21430	Governance & Strategic Support	35,000	2,567	5,134	11,000	(24,000)	-68.57%
21450	Bad Debt	5,000	-	5,000	2,500	(2,500)	
	Subtotal	\$ 2,980,612	\$ 1,601,938	\$ 3,138,543	\$ 3,136,780	\$ 156,168	5.24%
22000	Communication						
22100	Radio	\$ 22,940	\$ 21,076	\$ 33,894	\$ 24,450	\$ 1,510	6.58%
22150	Telephone & Data Service	74,600	44,347	88,694	88,000	13,400	17.96%
22200	Cell Phones & Pagers	45,053	19,761	39,522	48,570	3,517	7.81%
	Subtotal	\$ 142,593	\$ 85,184	\$ 162,110	\$ 161,020	\$ 18,427	12.92%
31000	Information Technology						
31100	Computer Hardware	\$ 63,900	\$ 26,642	\$ 48,708	\$ 67,900	\$ 4,000	6.26%
31150	SCADA Maint. & Support	138,500	41,028	150,852	163,050	24,550	17.73%
31200	Maintenance & Support Services	104,750	77,695	127,736	128,800	24,050	22.96%
31250	Software Purchases	45,600	9,204	40,176	33,200	(12,400)	-27.19%
	Subtotal	\$ 352,750	\$ 154,569	\$ 367,472	\$ 392,950	\$ 40,200	11.40%
33000	Supplies						
33100	Office Supplies	\$ 29,700	\$ 8,752	\$ 17,790	\$ 28,300	\$ (1,400)	-4.71%
33150	Subscriptions/Reference Material	5,430	473	4,992	4,950	(480)	-8.84%
33350	Postage & Delivery	11,050	4,301	8,602	13,795	2,745	24.84%
	Subtotal	\$ 46,180	\$ 13,526	\$ 31,384	\$ 47,045	\$ 865	1.87%
41000	Operation & Maintenance						
41100	Building & Grounds	\$ 361,600	\$ 166,022	\$ 329,560	\$ 337,200	\$ (24,400)	-6.75%
41150	Building & Land Lease	43,200	36,190	40,067	130,400	87,200	201.85%
41200	Pump Station Maintenance	114,500	77,869	160,632	105,000	(9,500)	-8.30%
41300	Dam Maintenance	146,990	68,175	136,350	102,000	(44,990)	-30.61%
41350	Pipeline/Appurtenances	328,298	289,074	433,318	268,210	(60,088)	-18.30%
41400	Materials, Supplies & Tools	206,750	163,808	327,616	190,450	(16,300)	-7.88%
41450	Chemicals	2,682,190	896,890	2,695,138	2,263,150	(419,040)	-15.62%
41500	Vehicle Maintenance	59,600	46,239	92,478	74,600	15,000	25.17%
41550	Equipment Repair, Replace, Maint.	669,000	349,620	722,356	741,000	72,000	10.76%

**Rivanna Water and Sewer Authority
Fiscal Year 2020-2021 Proposed Budget
Expense Detail**

Authority as a Whole

Object Code	Line Item	Adopted Budget FY 2019-2020	Current Year Activity		Proposed Budget FY 2020-2021	2020	2020
			Six Month Actual 12/31/2019	Projected Year end 6/30/2020		vs. 2021 Variance \$	vs. 2021 Variance %
41600	Instrumentation	328,400	126,449	303,304	419,840	91,440	27.84%
41650	Fuel & Lubricants	95,800	50,913	101,826	96,450	650	0.68%
41700	General Other Maintenance	104,000	310,766	393,590	190,116	86,116	82.80%
<i>Subtotal</i>		\$ 5,140,328	\$ 2,582,015	\$ 5,736,235	\$ 4,918,416	\$ (221,912)	-4.32%
81000	Equipment Purchases						
81200	Rental & Leases	\$ 16,800	\$ 7,747	\$ 12,146	\$ 78,250	\$ 61,450	365.77%
81250	Equipment (over \$10,000)	56,800	40,000	86,800	35,000	(21,800)	-38.38%
81300	Vehicle Replacement Fund	215,100	107,550	215,100	239,000	23,900	11.11%
<i>Subtotal</i>		\$ 288,700	\$ 155,297	\$ 314,046	\$ 352,250	\$ 63,550	22.01%
95000	Allocations from Departments						
95100	Administrative Allocation	\$ -	\$ -	\$ -	\$ -	\$ -	
95300	Engineering Allocation	-	-	-	-	-	
95150	Maintenance Allocation	-	-	-	-	-	
95200	Laboratory Allocation	-	-	-	-	-	
<i>Subtotal</i>		\$ -	\$ -	\$ -	\$ -	\$ -	
Depreciation		843,000	421,500	843,000	\$ 860,000	17,000	2.02%
<i>Subtotal</i>		\$ 843,000	\$ 421,500	\$ 843,000	\$ 860,000	\$ 17,000	2.02%
Total		\$ 19,220,291	\$ 9,847,258	\$ 20,288,949	\$ 19,384,418	\$ 164,127	0.85%

Audit Check	
Less revenue allocation in Admin.	(545,000)
Less revenue allocation in Maint.	-
Less revenue allocation in Eng.	-
Detail Check on Expenses	\$ 18,839,418
Total Summary Sheet Rate Center Only	\$ 18,839,417

Note 1 - Mid-year moved one Mechanic position to engineering and reclassified

RWSA Staffing by Department

OPERATIONS	Approved Positions FY 2020	Changes	Positions FY 2021
<u>Engineering & Maintenance</u>			
Director of Engineering & Maintenance	1		1
Engineering Department			
Engineering Manager	1		1
Senior Civil, Civil Engineers	4	Note 1	5
Water Resources Manager (moved from Water)	1		1
Engineering Technician/Inspector/GIS	4		4
GIS Coordinator (moved to Admin)	0		0
Administrative Office Technician	1		1
(Director FTE included) Subtotal	12	0	13
Maintenance Department			
Maintenance Manager	1		1
Maintenance Supervisor	1		1
Mechanics	10	Note 1	9
Industrial Controls/Instrumentation Specialist	1		1
Vehicle Equipment Mechanic	1		1
Mechanic Helper	1		1
Maintenance Workers	2		2
Subtotal	17		16
<u>Operations</u>			
Director of Operations	1		1
Laboratory			
Laboratory Manager	1		1
Chemist	2		2
Lab Technician	1		1
Subtotal	4	0	4
Wastewater Department			
Wastewater Manager	1		1
Wastewater Assistant Manager	1		1
Treatment Supervisor	1		1
<u>Plant Operators (14 total)</u>			
Operators - Relief Shift Differential all plants	2		2
Operators - Urban	9		9
Operator - Glenmore	1		1
Operator - Scottsville	1		1
Subtotal	16		16
Water Department			
Water Manager	1		1
Water Assistant Manager	1		1
Water Quality Specialist	1		1
Water Treatment Plant Supervisor	2		2

Note 1 - Mid-year moved one Mechanic position to engineering and reclassified

RWSA Staffing by Department

OPERATIONS	Approved Positions FY 2020	Changes	Positions FY 2021
<u>Plant Operators</u>			
Operators - Relief Shift Differential all plants	3		3
Operators - Urban	14.4	0	14.4
Operators - Crozet	2.6		2.6
Operators - Scottsville	1.4		1.4
Subtotal	26.4	-	26.4
Subtotal	76.4	0	76.4

Joint Administrative Staff

			FTE Split			
			RWSA	SWA		
Executive Director	1		1	0.85	0.15	1.00
Communications Manager/Executive Coordinator	1		1	0.60	0.40	1.00
Director of Finance & Administration	1		1	0.80	0.20	1.00
Office/HR Manager	1		1	0.80	0.20	1.00
Senior Accountant	1		1	0.80	0.20	1.00
Accounting Associate	0	0	0	0.00	0.00	0.00
Payroll & Benefits Coordinator	1		1	0.75	0.25	1.00
Accounts Payable/Purchasing Technician	1		1	0.75	0.25	1.00
Accounts Receivable Technician	1		1	0.30	0.70	1.00
Reception/Secretary III	1		1	0.75	0.25	1.00
Administrative Office Technician	1		1	0.70	0.30	1.00
Environmental & Safety Manager	1		1	0.70	0.30	1.00
<u>IT/SCADA</u>						
Information Systems Administrator	1		1	0.60	0.40	1.00
Information Systems Asst. Administrator	1		1	0.60	0.40	1.00
GIS Coordinator (moved from Engineering)	1		1	1.00	0.00	1.00
Software Analyst	1		1	0.80	0.20	1.00
IT Specialist - SCADA	1		1	1.00	0.00	1.00
IT Technician Security / SCADA	0	0	0	1.00	0.00	1.00
SCADA Technician	1		1	1.00	0.00	1.00
Administration and allocation with RSWA	17	0	17	13.80	4.20	18.00
Total all positions	93.40	0.00	93.40			
FTE Position Allocated to RSWA	<u>-4.20</u>		<u>-4.20</u>			
Total Adjusted FTEs	89.20		89.20			

Data for ACSA

	<u>FY 2020</u>	<u>FY 2021</u>	<u>Change</u>
Total RWSA Expenses			
Water	\$ 17,675,000	\$ 18,326,000	\$ 651,000
Wastewater	18,013,000	18,242,000	229,000
Add Administration revenue allocation	468,000	545,000	77,000
Add Maintenance revenue allocation	10,000	-	(10,000)
Add Engineering revenue allocation	-	-	-
	-	-	-
	-	-	-
Total	<u>\$ 36,166,000</u>	<u>\$ 37,113,000</u>	<u>\$ 947,000</u>

**RWSA Rate Charges Allocated to
ACSA, by Service Area****Water**

Urban	\$ 7,343,723	\$ 7,343,723	\$ -
Crozet	2,340,120	2,340,120	-
Scottsville	649,561	649,561	-
	-	-	-
Total	<u>\$ 10,333,404</u>	<u>\$ 10,333,404</u>	<u>\$ -</u>

Wastewater

Urban	\$ 7,354,898	\$ 7,435,218	\$ 80,320
Scottsville	318,430	318,430	-
Stone Robinson School	22,478	22,788	310
Glenmore	374,302	374,302	-
	-	-	-
Total	<u>\$ 8,070,108</u>	<u>\$ 8,150,738</u>	<u>\$ 80,630</u>

Total for ACSA	<u>\$ 18,403,512</u>	<u>\$ 18,484,142</u>	<u>\$ 80,630</u>
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