



**Bedford  
Regional  
Water Authority**

The primary mission of the BRWA is to provide our members the highest quality water and wastewater services at rates that are reasonable and just while protecting public health.

# 2021-2022

## FISCAL YEAR BUDGET

**BEDFORD REGIONAL WATER AUTHORITY**

Providing quality service to everyone.



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June 10, 2021

Bedford Regional Water Authority  
Board of Directors

We are pleased to present the FY 2021-2022 budget document for the Bedford Regional Water Authority ("Bedford Water"). The operating budget was approved at the April 20, 2021 Board meeting.

The Authority was able to accomplish several major initiatives during the last fiscal year:

- completed the Mariners Landing waterline and the previous well system was abandoned
- completed construction of the Country Estates waterline
- work is underway on the Route 122 waterline replacement
  - took ownership of the Paradise Point water system, a small well system at Smith Mountain Lake. In the coming months, the waterlines in this subdivision will be replaced and meters will be installed
- began replacing the water and sewer lines along Avenel Avenue in the Town of Bedford
- replacements are ongoing on the sewer infrastructure at Mariners Landing, replacing pumps, controls and installed SCADA infrastructure
- work is underway on the Energy Savings Project (ECSSO) at the Central WWTP. Funding was obtained for this project through a bond funding with the Virginia Resources Authority
- entered into a Design Build agreement for the Forest Sewer (Ivy Creek) and 460 pump stations. Final plans are expected at the beginning of the new fiscal year and construction contracts will be executed once the plans are completed.

The Authority was fortunate in that it did not experience severe affects from the global pandemic; as a result, the Board of Directors evaluated the previous fiscal year's budget in November 2020 and was able to make release some of the spending restrictions that were in place.

The rate equalization process resumed for FY 2022; rates for all customers are anticipated to be equalized in FY 2024. Operating revenue increased 8.7% and operating expenditures increased 14% from the previous fiscal year. Pay increases for employees are included in the budget, as well as funding for two new positions. Capital funding was also approved for the year; whereas there was no new capital funding approved in the previous fiscal year. In an effort to proactively replace and repair infrastructure, the use of reserve funds was allocated for the Capital funding; in addition to the operating reserve provided by the approved budget, the Authority used the reserve funds to approve a capital improvement budget just under \$1.6 million.

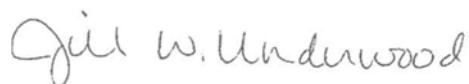
Bedford Regional Water Authority  
Board of Directors  
June 10, 2021

We would like to thank all of the Bedford Water employees, the Finance Committee and the Board of Directors for their continued hard work, and for the work that went into the preparation of the budget.

Respectfully submitted,



Brian M. Key  
Executive Director



Jill W. Underwood  
Director of Finance

*Core Value: "Providing Quality Service to Everyone"*



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## RESOLUTION

2021-04.03

### Approval of Operating Budget for FY 2021-2022

At a regular meeting of the Bedford Regional Water Authority ("Authority") Board of Directors, held in the Board Meeting Room at the Authority's Administrative Annex Building on the 20<sup>th</sup> day of April 2021, beginning at 7:00pm:

**WHEREAS**, the Board of Directors of the Authority have been presented with the FY 2021-2022 Budget, with a summary indicating Total Revenues in the amount of \$18,401,904 and Cash Operating Expenses in the amount of \$15,907,075 and Total Expenditures (including depreciation) in the amount of \$19,164,553 (the "Operating Budget Summary"); and,

**WHEREAS**, in support of the Operating Budget Summary, a Detailed Report of Revenues and Expenditures for FY 2021-2022 (the "Line Item Budget") has been submitted to the Board indicating line item expenditures within the categories contained in the Operating Budget Summary; and,

**WHEREAS**, the Finance Committee of the Board of Directors has thoroughly reviewed this information and recommends that the Authority approve the Operating Budget as presented; now,

**THEREFORE, BE IT RESOLVED**, that after careful consideration of the Authority's fiscal position, its anticipated revenues, its necessary expenses, as well as its bond covenants, the Board of Directors of the Bedford Regional Water Authority does hereby:

- 1) approve the Fiscal Year 2021-2022 Line Item Budget, and thereby authorize and appropriate the Total Expenditures contained in the Operating Budget Summary subject to receipt of the Revenues estimated therein; and;
- 2) authorize the Executive Director to move items with discretion within the Operating Budget Summary Categories from line item to line item, consolidate or delete line items, and otherwise spend funds in the Operating Budget Summary categories without further action on the part of the Board; and,
- 3) require that the Executive Director ensure that a report of the Revenues and Expenditures be made to the Board at its regular meetings and more often if requested.

On behalf of the Finance Committee, Member Mele made a motion to approve this resolution.

Being a motion from the committee, no second motion was needed.

Board member votes: 7 Aye; 0 Nay; 0 Abstain. The motion carried.



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**CERTIFICATION**

The undersigned secretary of the Bedford Regional Water Authority does hereby certify that the foregoing is a true, complete, and correct Resolution adopted by a vote of a majority of the Directors of the Bedford Regional Water Authority, present at a regular meeting of the Board of Directors of the Bedford Regional Water Authority duly called and held April 20, 2021 at which a quorum was present and acting throughout, and that the same has not been amended or rescinded and is in full force and effect as of the date of the above mentioned meeting.

  
\_\_\_\_\_  
Brian M. Key, Secretary,  
Bedford Regional Water Authority

(SEAL)

## Revenue & Expenditure Summary

### Bedford Regional Water Authority Fiscal Year 2021-2022 Budget Summary

Description	2020-2021	2021-2022	Comparisons	
	FY 20-21 Budget	FY 21-22 Budget	Difference 20-21 budget 21-22 budget	Difference 20-21 budget 21-22 budget
a. Operating Revenues	\$ 13,306,981	\$ 14,476,078	\$ 955,313	\$ 1,169,097
b. Projected Capital Recovery Fee Revenue	\$ 939,010	\$ 1,158,411	\$ 818,749	\$ 219,401
c. Other Revenues & Support for Operations	\$ 2,000,000	\$ 2,767,416	\$ -	\$ 767,416
d. Total Revenues for Operations & Debt	\$ 16,245,991	\$ 18,401,904	\$ 1,774,062	\$ 2,155,913
e. Operating Expenditures	\$ 10,790,214	\$ 11,256,051	\$ (1,720,467)	\$ 465,837
f. Debt Service & Fees	\$ 4,328,453	\$ 4,651,024	\$ -	\$ 322,571
g. Total Expenditures & Debt Service	\$ 15,118,667	\$ 15,907,075	\$ (1,720,467)	\$ 788,409
<b>h. Operating Revenue for Coverage (d. - g.)</b>		<b>\$ 2,494,829</b>		

Capital Projects and Reserve Setasides	Annual	Comparisons	
		Prior FY 2020-2021	Future FY 2023-2024
i. Vehicle and Equipment Replacements	\$ 306,000	\$ 288,000	\$ 360,000
j. Computer Equipment Replacements	\$ 63,000	\$ 60,000	\$ 72,000
k. Meter Replacement (should be 10 year plan, per meter replace	\$ 308,000	\$ 294,000	\$ 350,000
l. Tank Rehabilitation	\$ 85,000	\$ 80,000	\$ 100,000
m. Waterline Replacement (needed for older leaking systems)	\$ 190,000	\$ 160,000	\$ 280,000
n. Sewerline Replacement (required by consent order, needed in	\$ 270,000	\$ 270,000	\$ 270,000
o. SML Facility Depreciation Reserve	\$ 180,000	\$ 151,000	\$ 250,000
p. Cell Tower Funds for Economic Development	\$ 67,000	\$ 67,000	\$ 67,000
<b>r. Total Replacement Reserved Capital</b>	<b>\$ 1,469,000</b>	<b>\$ 1,370,000</b>	<b>\$ 1,749,000</b>

s. **Operating Coverage minus Replacement Capital (h.-r)** **\$ 1,025,829**

## Operating Summary

<u>Revenue Sources</u>	% of Operations	Amount
Water Sales	51.36%	\$ 9,313,750
Sewer Sales	25.05%	\$ 4,542,954
Penalties	0.40%	\$ 73,000
Capital Recovery Fees	6.39%	\$ 1,158,411
Administrative Fees	0.64%	\$ 115,500
Interest	0.06%	\$ 10,000
Rental & Service Charges	1.46%	\$ 264,874
Contract Operations	0.83%	\$ 151,000
Misc	0.03%	\$ 5,000
Bedford County CIP Contribution For Debt & Other Contributions	13.79%	\$ 2,500,000
<b>Revenue from Operations</b>	<b>100.00%</b>	<b>\$ 18,134,489</b>
<u>Other Non Operating Sources</u>	% of Other Sources	
Line Dedications	74.79%	\$ 200,000
Prepay Redemptions	7.48%	\$ 20,000
Customer Line Contributions	0.00%	\$ -
County portion- cellular tower rental	17.73%	\$ 47,416
<b>Other Revenue &amp; Support</b>	<b>100.00%</b>	<b>\$ 267,416</b>
<b>Total Revenue</b>		<b>\$ 18,401,904</b>
<u>Expenditure Categories</u>	% of Operations	
Personnel Costs	39.27%	\$ 6,247,227
Administration	2.56%	\$ 407,440
Customer Service and Billing Costs	1.37%	\$ 217,274
Design & Facilities Services	0.89%	\$ 141,528
Vehicle & Equipment Services	1.81%	\$ 287,932
Water Operations	12.34%	\$ 1,962,459
Sewer Operations	12.01%	\$ 1,911,190
Contract Operations	0.51%	\$ 81,000
<b>Direct Operating Expenses</b>	<b>70.76%</b>	<b>\$ 11,256,051</b>
<u>Debt Service</u>		
Interest & Fees	9.45%	\$ 1,503,680
Principal	19.79%	\$ 3,147,344
<b>Debt Expenditures</b>	<b>29.24%</b>	<b>\$ 4,651,024</b>
<b>Total Cash Expenditures</b>	<b>100.00%</b>	<b>\$ 15,907,075</b>
Depreciation		\$ 3,257,478
<b>Total Expenditures</b>		<b>\$ 19,164,553</b>
Operating Revenue		\$ 18,134,489
Cash Operating Expenditures		\$ 15,907,075
<b>Cash Surplus</b>		<b>\$ 2,227,414</b>

**Cash Flow Review for FY 2021-2022**  
**Estimated Balances at June 30, 2021**

<b>Cash</b>		
Regular Checking	\$	1,000,000
Cash on Hand	\$	225
Escrow Account	\$	67,787
Deposit Refund Program	\$	359,662
Capital Project and Reserve Replacement Accounts	\$	2,519,533
LGIP Operating Reserves Fund	\$	322,659
Virginia Investment Pool Reserve Fund	\$	451,438
Virginia Investment Pool Capital Projects Reserve	\$	2,501,215
Virginia Investment Pool Operating Reserves	\$	1,037,207
County Funds for new projects + BRWA EDA Funds	\$	433,596
SML WTF Depreciation Reserve (BRWA + WVWA )	\$	504,000
Debt Service Accumulation Fund	\$	1,812,462
Cash balance available July 1, 2021:		<b>\$ 11,009,784</b> a.
<b>Restricted Funds</b>		
Operating Cash minimum balance	\$	(500,000)
Escrow Account	\$	(67,787)
Deposit Refund Program	\$	(359,662)
Debt Service Accumulation Fund	\$	(1,812,462)
County Funds for new projects + BRWA EDA Funds	\$	(433,596)
WVWA Funds for projects	\$	(504,000)
Reserve Replacement Accounts (Computers, Vehicles and Meters, Water and Sewer	\$	(1,618,455)
Virginia Investment Pool Reserve Funds	\$	(3,989,860)
Total Restricted Funds:		<b>\$ (9,285,822)</b> b.
<b>Net Unrestricted Cash Available July 1, 2021 (a. + b.):</b>		<b>\$ 1,723,962</b> c.
<b>Projected Revenue and Expenses for FY 2021-2022</b>		
<b>Revenue</b>		
Operating Revenues FY 2021-22	\$	14,470,328
BC CIP Debt Service Support	\$	2,767,416
Capital Recovery Fee Revenue	\$	1,158,411
Total Revenue:		<b>\$ 18,396,154</b> d.
<b>Expenses</b>		
Operating Expenditures	\$	11,256,051
Debt Service	\$	4,651,024
Total Cash Expenditures:		<b>\$ 15,907,075</b> e.
<b>Net Operating surplus (d.- e.)</b>		<b>\$ 2,489,079</b> f.
Estimated unrestricted cash as of June 30, 2021(c. + f.)	\$	4,213,041
Capital Reserve Setaside for Vehicles Replacements	\$	306,000
Capital Reserve Setaside for Computer Equipment Replacements	\$	63,000
Meter Replacement Setaside (11 year plan, ie 10% of the meters each year)	\$	308,000
Tank Rehabilitation	\$	85,000
SML Facility Depreciation Reserve	\$	180,000
Cell Tower Funds for Economic Development	\$	67,000
Waterline Replacement (needed in Lakes District, old leaking systems)	\$	190,000
Sewerline Replacement (required by consent order, needed in Center District)	\$	270,000
Unrestricted Cash Available for Capital Projects:		<b>\$ 2,744,041</b> g.



## Operating Revenue

Account #	Description	Fiscal Year 2020-2021	Fiscal Year 2021-2022	
		FY 20-21 Budget	FY 21-22 Approved Budget	Difference from FY 20-21 Budget
3000-3000	Water Sales - Direct	\$ 8,298,674	\$ 9,223,750	11%
3000-3050	Water Sales - Contract	\$ 73,470	\$ 90,000	22%
3100-3000	Sewer Sales - Direct	\$ 4,248,408	\$ 4,510,814	6%
3100-3050	Cedar Rock Revenue	\$ 31,200	\$ 32,140	
3902-3211	Water Penalty Revenue	\$ 45,000	\$ 45,000	0%
3902-3213	Sewer Penalty Revenue	\$ 25,000	\$ 25,000	0%
3903-3231	Water Account Charges	\$ 40,000	\$ 40,000	0%
3903-3233	Sewer Account Charges	\$ 20,000	\$ 20,000	0%
3903-3240	Engineering Review Fees	\$ 50,000	\$ 50,000	0%
3903-3242	Engineering Fire Flow Testing	\$ 1,500	\$ 1,500	0%
3903-3243	SGP review & inspections	\$ 2,000	\$ 4,000	100%
3900-3250	Bank Interest Earned	\$ 60,000	\$ 10,000	-83%
3900-3251	VRA Interest Earned	\$ -	\$ -	
3903-3245	Sewer Clean-out Installation Fee	\$ 7,000	\$ 7,000	0%
3903-3250	New Meter Fee Revenue	\$ 35,000	\$ 35,000	0%
3903-3255	Industrial Pretreatment Revenue	\$ 18,000	\$ 18,000	0%
3903-3260	Meter Setting Fee Revenue	\$ 60,000	\$ 60,000	0%
3903-3261	Service Repair and Equipment Rentals	\$ 5,000	\$ 5,000	0%
3903-3262	Cellular Antenna Site Rental	\$ 67,729	\$ 71,124	5%
3903-3264	Sewer Pump Maintenance Revenue	\$ 40,000	\$ 63,000	58%
3903-3270	Miscellaneous Revenue	\$ 5,000	\$ 5,000	0%
3903-3275	Revenue from Communication Towers (no rev. sh	\$ -		
3901-3211	Reconnect Fee Revenue	\$ 20,000	\$ -	-100%
3901-3213	Unauthorized Service Revenue	\$ 1,000	\$ 1,000	0%
3901-3212	Return Check Revenue	\$ 2,000	\$ 2,000	0%
3201-3275	School WWTP reimbursements	\$ 51,000	\$ 51,000	0%
3202-3276	Mariners Landing Contract Operations	\$ -	\$ -	#DIV/0!
3904-3318	Franklin County Contract Operations	\$ 100,000	\$ 100,000	0%
<b>Operating Revenue</b>		<b>\$ 13,306,981</b>	<b>\$ 14,470,328</b>	<b>8.7%</b>

## Operating Revenue

Account #	Description	Fiscal Year 2020-2021	Fiscal Year 2021-2022	
		FY 20-21 Budget	FY 21-22 Approved Budget	Difference from FY 20-21 Budget
3000-3200	Water Capital Recovery Fees	\$ 719,710	\$ 899,637	25%
3100-3220	Sewer Capital Recovery Fees	\$ 219,300	\$ 258,774	18%
3900-3240	Engineering Plan Sales	\$ -	\$ -	
3903-3265	Cellular Antenna Site Rental- County portion	\$ 45,153	\$ 47,416	
3903-3280	Sales & Disposals	\$ -	\$ -	n/a
3903-3281	Gain/Loss on Fixed Assets	\$ -	\$ -	n/a
3903-3285	Bedford Co Broadband Revenue	\$ -	\$ 5,750	
3903-3330	SML WTF Revenue (monthly bank interest)	\$ -	\$ -	
3904-3305	Bedford Co Support- Forest Sewer	\$ -	\$ 500,000	
3904-3310	BOS Capital Contributions	\$ 2,000,000	\$ 2,000,000	0%
3904-3311	Schools Utility Locating Revenue	\$ -	\$ -	
3904-3312	Donated Assets	\$ -	\$ -	n/a
3904-3315	Developer Line Contributions	\$ 200,000	\$ 200,000	0%
3904-3316	Contributions from WWA (SML WTP)	\$ -	\$ -	
3904-3325	Contributions from Town of Bedford	\$ -	\$ -	
3904-3317	Developer Facility Fee Redemptions	\$ 20,000	\$ 20,000	
3904-3335	DEQ Contributions for Projects	\$ -	\$ -	
3904-3320	Customer Line Contributions	\$ -	\$ -	
	<b>Other Revenue and Contributions</b>	<b>\$ 3,204,163</b>	<b>\$ 3,931,577</b>	<b>23%</b>
	<b>Total Revenue</b>	<b>\$ 16,511,144</b>	<b>\$ 18,401,904</b>	<b>11.5%</b>

## Operating Expenses

Account #	Description	Fiscal Year 2020-2021	Fiscal Year 2021-2022		
		FY 20-21 Budget	FY 21-22 Approved Budget	% Difference from FY 20-21 Budget	\$ Difference from FY 20-21 Budget
<b>Salaries</b>					
4000-0010	Salaries	\$ 3,846,627	\$ 4,072,119	5.9%	\$ 225,492
4000-0019	On call Stipend	\$ 34,320	\$ 34,320	0%	\$ -
4000-0020	Overtime	\$ 288,954	\$ 307,589	6%	\$ 18,635
4006-0010	Contracted & Intern Salaries			#DIV/0!	\$ -
<b>4000-4006</b>	<b>Salaries Total</b>	<b>\$ 4,169,901</b>	<b>\$ 4,414,028</b>	<b>5.9%</b>	<b>\$ 244,127</b>
<b>General Office Expenses</b>					
4010-0075	Board & Committee Meetings	\$ 600	\$ 1,000	67%	\$ 400
4010-0085	Long Range Planning	\$ 45,000	\$ 15,000		\$ (30,000)
4010-0100	Supplies	\$ 10,000	\$ 8,000	-20%	\$ (2,000)
4010-0103	Public Outreach Expenses	\$ 16,415	\$ 16,415	0%	\$ -
4010-0110	Building Maintenance Expense	\$ 21,000	\$ 25,500	21%	\$ 4,500
4010-0130	Postage & Shipping Expense	\$ 8,000	\$ 8,000	0%	\$ -
4010-0140	Commercial Phone Charges	\$ 12,600	\$ 12,600	0%	\$ -
4010-0142	Cellular Phone Service	\$ 19,220	\$ 20,480	7%	\$ 1,260
4010-0150	Building Power & Utilities	\$ 20,500	\$ 16,767	-18%	\$ (3,733)
4010-0155	Building Fuel Costs	\$ 8,000	\$ 8,000	0%	\$ -
4010-0160	Employee Bond	\$ 669	\$ 736	10%	\$ 67
4010-0161	Building Insurance	\$ 3,863	\$ 4,593	19%	\$ 730
4010-0170	Advertising	\$ 18,000	\$ 18,000	0%	\$ -
4010-0175	Bank Service Charges	\$ 15,600	\$ 15,600	0%	\$ -
4010-0200	Accounting Services	\$ 30,000	\$ 30,000	0%	\$ -
4010-0220	Legal Expenses	\$ 18,000	\$ 18,000	0%	\$ -
4010-0400	Board of Directors Fees	\$ 21,000	\$ 25,200	20%	\$ 4,200
4010-0401	Board of Directors Mileage		\$ 3,360	#DIV/0!	\$ 3,360
<b>4010</b>	<b>General Office</b>	<b>\$ 268,467</b>	<b>\$ 247,251</b>	<b>-8%</b>	<b>\$ (21,216)</b>
<b>Employee Benefits &amp; Related Expenses</b>					
4100-0030	Payroll Taxes	\$ 316,372	\$ 335,048	6%	\$ 18,676

## Operating Expenses

Account #	Description	Fiscal Year 2020-2021	Fiscal Year 2021-2022		
		FY 20-21 Budget	FY 21-22 Approved Budget	% Difference from FY 20-21 Budget	\$ Difference from FY 20-21 Budget
4100-0040	VRS Retirement & Life	\$ 356,583	\$ 373,918	5%	\$ 17,335
4100-0041	VRS Hybrid Disability	\$ 10,210	\$ 10,606	4%	\$ 396
4100-0045	Unemployment Payments	\$ 6,000	\$ 6,000	0%	\$ -
4100-0050	Health Insurance	\$ 728,478	\$ 769,145	6%	\$ 40,667
4100-0055	Flexible Benefits Account	\$ 2,500	\$ 2,500	0%	\$ -
4100-0060	Workers Compensation Ins.	\$ 109,604	\$ 76,523	-30%	\$ (33,080)
4100-0065	Employee Testing & Background Checks	\$ 4,785	\$ 4,785	0%	\$ -
4100-0070	Mileage Reimbursements	\$ 460	\$ 1,120	143%	\$ 660
4100-0075	Meetings	\$ 6,140	\$ 6,445	5%	\$ 305
4100-0080	Professional Dues	\$ 23,150	\$ 22,578	-2%	\$ (572)
4100-0085	Training & Education	\$ 54,117	\$ 108,927	101%	\$ 54,810
4100-0086	Continuing education	\$ 5,250	\$ 5,501	5%	\$ 251
4100-0090	Whistle Blower Hotline	\$ 500	\$ 500	0%	\$ -
4100-0101	Clothing & Uniforms	\$ 31,248	\$ 36,602	17%	\$ 5,355
4100-0102	Employee & Incentive Fund	\$ 27,500	\$ 27,500	0%	\$ -
4100-0103	Safety	\$ 41,174	\$ 45,502	11%	\$ 4,328
<b>4100</b>	<b>Employee Benefits</b>	<b>\$ 1,724,069</b>	<b>\$ 1,833,199</b>	<b>6%</b>	<b>\$ 109,130</b>
<b>Billing Costs</b>					
4110-0091	Bad Debt Water	\$ 15,000	\$ 20,000	33%	\$ 5,000
4110-0093	Bad Debt Sewer	\$ 7,500	\$ 15,000	100%	\$ 7,500
4110-0094	Bad Debt Penalty & Misc Charges	\$ 4,000	\$ 5,000	25%	\$ 1,000
4110-0097	Collection Agency Expense	\$ 1,200	\$ 1,200	0%	\$ -
4110-0110	Bill Processing Services	\$ 103,978	\$ 95,332	-8%	\$ (8,646)
4110-0112	Customer Notification Expenses	\$ 3,000	\$ 5,000	67%	\$ 2,000
4110-0115	Large Meter Testing and Rebuilds	\$ 1,000	\$ 1,000	0%	\$ -
4110-0120	Software Maintenance	\$ 52,596	\$ 43,070	-18%	\$ (9,526)
4110-0125	Credit Card Processing Fees	\$ 18,900	\$ 25,125	33%	\$ 6,225
4110-0175	Courier Service	\$ 4,230	\$ 4,230	0%	\$ -
<b>4110</b>	<b>Billing Costs</b>	<b>\$ 211,404</b>	<b>\$ 214,957</b>	<b>232%</b>	<b>\$ 3,553</b>

## Operating Expenses

Account #	Description	Fiscal Year 2020-2021	Fiscal Year 2021-2022		
		FY 20-21 Budget	FY 21-22 Approved Budget	% Difference from FY 20-21 Budget	\$ Difference from FY 20-21 Budget
<b>Network Costs</b>					
4120-0100	Information Systems Supplies	\$ 8,500	\$ 8,500	0%	\$ -
4120-0110	Network Contracted Services	\$ 22,000	\$ 24,000	9%	\$ 2,000
4120-0115	Continuing Software Support	\$ 123,314	\$ 117,839	-4%	\$ (5,475)
4120-0145	Internet & WAN Communications	\$ 4,380	\$ 8,850	102%	\$ 4,470
<b>4120</b>	<b>Network Costs</b>	<b>\$ 158,194</b>	<b>\$ 159,189</b>	<b>1%</b>	<b>\$ 995</b>
<b>Team Supplies and Vehicles</b>					
4130-0100	Administration Supplies	\$ 500	\$ 1,000	100%	\$ 500
4135-0100	Logistics Coordinator Supplies	\$ -	\$ -	#DIV/0!	\$ -
4140-0100	Customer Service Supplies	\$ 3,368	\$ 2,318	-31%	\$ (1,050)
4210-0100	Engineering Supplies	\$ 18,413	\$ 15,438	-16%	\$ (2,975)
4210-0110	Engineering Reviews-Contracted	\$ 51,800	\$ 59,800	15%	\$ 8,000
4210-0141	Locating Notification Tickets	\$ 8,320	\$ 10,270	23%	\$ 1,950
4210-0240	Construction Testing	\$ 2,820	\$ 2,820	0%	\$ -
<b>4210</b>	<b>Office</b>	<b>\$ 85,221</b>	<b>\$ 91,646</b>	<b>8%</b>	<b>\$ 6,425</b>
4220-0100	Wastewater Operations Supplies	\$ 1,900	\$ 1,600	-16%	\$ (300)
4223-0100	Water Operations Supplies	\$ 500	\$ -	-100%	\$ (500)
4221-0100	FROG Program Supplies	\$ 8,000	\$ 8,000	0%	\$ -
4222-0100	Pretreatment Supplies/Expenses	\$ 19,600	\$ 19,600	0%	\$ -
4225-0100	Lab Supplies	\$ 24,000	\$ 24,000		\$ -
<b>4220-4225</b>	<b>Operations</b>	<b>\$ 54,000</b>	<b>\$ 53,200</b>	<b>0%</b>	<b>\$ (800)</b>
4230-0100	Maintenance Supplies	\$ 46,402	\$ 46,832	1%	\$ 430
4230-0110	Preventative Maintenance				
4240-0100	Vehicle & Equipment Supplies	\$ 32,350	\$ 32,350	0%	\$ -
4240-0110	Vehicle & Equipment Contracted Services	\$ 81,600	\$ 85,000	4%	\$ 3,400
4240-0155	Vehicle & Equipment Fuel	\$ 95,000	\$ 95,000	0%	\$ -
4240-0162	Vehicle & Equipment Insurance	\$ 30,674	\$ 28,750	-6%	\$ (1,924)

## Operating Expenses

Account #	Description	Fiscal Year 2020-2021	Fiscal Year 2021-2022		
		FY 20-21 Budget	FY 21-22 Approved Budget	% Difference from FY 20-21 Budget	\$ Difference from FY 20-21 Budget
<b>4240</b>	<b>Vehicle &amp; Equipment Costs</b>	\$ 286,026	\$ 287,932	1%	\$ 1,906
<b>System Expenses</b>					
4250-0100	Forest Water Supplies	\$ 35,000	\$ 35,000	0%	\$ -
4250-0101	Forest Water Meter Installations	\$ 56,000	\$ 56,000	0%	\$ -
4250-0105	Forest Water Chemicals	\$ -	\$ -		\$ -
4250-0110	Forest Water Contracted Services	\$ 19,400	\$ 30,000	55%	\$ 10,600
4250-0115	Forest Water Repairs & Improvements	\$ 3,500	\$ 3,500		\$ -
4250-0140	Forest Water Communications	\$ 300	\$ 400	33%	\$ 100
4250-0150	Forest Water Power	\$ 3,000	\$ 6,000	100%	\$ 3,000
4250-0161	Forest Water Property Insurance	\$ 16,851	\$ 14,959	-11%	\$ (1,892)
4250-0240	Forest Water Sampling & Testing	\$ 15,000	\$ 15,000	0%	\$ -
4250-0300	Forest Water Purchased	\$ 666,440	\$ 690,250	2688%	\$ 665,494
4250-0410	Forest Water VDH Fees	\$ 24,756	\$ 27,232	#REF!	#REF!
<b>4250</b>	<b>Forest Water Costs</b>	\$ 840,247	\$ 878,340	5%	\$ 38,093
4260-0100	Well System Supplies	\$ 15,000	\$ 10,400	-31%	\$ (4,600)
4260-0105	Well systems Chemicals	\$ 3,000	\$ 3,500	17%	\$ 500
4260-0101	Well Systems Meter Installations	\$ 500	\$ 500	0%	\$ -
4260-0110	Well Systems Contracted Services	\$ 13,100	\$ 10,100	-23%	\$ (3,000)
4260-0115	Wells Systems Repairs & Improvements	\$ 2,000	\$ 2,000	0%	\$ -
4260-0150	Well Systems Power	\$ 5,500	\$ 5,500	0%	\$ -
4260-0161	Well Systems Property Insurance	\$ 899	\$ 989	10%	\$ 90
4260-0240	Well Systems Sampling & Testing	\$ 5,000	\$ 5,000	0%	\$ -
4260-0410	Well Systems VDH Fees	\$ 679	\$ 684	1%	\$ 5
<b>4260</b>	<b>Well Systems Costs</b>	\$ 45,678	\$ 38,673	-15%	\$ (7,005)
4265-0100	SML Central System Supplies	\$ 10,000	\$ 10,000	0%	\$ -
4265-0101	SML Central System Meter Installations	\$ 6,500	\$ 6,500	0%	\$ -
4265-0110	SML Central System Contracted Services	\$ 3,000	\$ 3,000	0%	\$ -

## Operating Expenses

Account #	Description	Fiscal Year 2020-2021	Fiscal Year 2021-2022		
		FY 20-21 Budget	FY 21-22 Approved Budget	% Difference from FY 20-21 Budget	\$ Difference from FY 20-21 Budget
4265-0115	SML Central Repairs & Improvements	\$ 1,000	\$ 1,000	0%	\$ -
4265-0240	SML Central System Sampling & Testing	\$ 10,000	\$ 10,000	0%	\$ -
4265-0410	SML Central System VDH Fees	\$ 3,345	\$ 3,680	10%	\$ 335
<b>4265</b>	<b>SML Central System Costs</b>	<b>\$ 33,845</b>	<b>\$ 34,180</b>	<b>1%</b>	<b>\$ 335</b>
4270-0100	Highpoint Facility Supplies	\$ 2,000	\$ 2,000	0%	\$ -
4270-0105	Highpoint Facility Chemicals	\$ 1,000	\$ 1,000	0%	\$ -
4270-0110	Highpoint Facility Contracted Services	\$ 3,550	\$ 3,200	-10%	\$ (350)
4270-0150	Highpoint Facility Power	\$ 16,800	\$ 14,000	-17%	\$ (2,800)
4270-0155	Highpoint Facility Propane	\$ 2,000	\$ 2,000	0%	\$ -
4270-0161	Highpoint Facility Property Insurance	\$ 7,038	\$ 7,742	10%	\$ 704
4270-0240	Highpoint Facility Sampling & testing	\$ -	\$ -	#DIV/0!	\$ -
4270-0370	Highpoint Facility Raw Water Fee	\$ -	\$ -	#DIV/0!	\$ -
4270-0371	Highpoint Facility Road Maintenance Fee	\$ 850	\$ 850	0%	\$ -
<b>4270</b>	<b>Highpoint Treatment Costs</b>	<b>\$ 33,238</b>	<b>\$ 30,792</b>	<b>-7%</b>	<b>\$ (2,446)</b>
4330-0100	SML WTF Facility Supplies	\$ 30,000	\$ 30,000	0%	\$ -
4330-0105	SML WTF Facility Chemicals	\$ 45,000	\$ 55,000	22%	\$ 10,000
4330-0110	SML WTF Facility Contracted Services	\$ 125,000	\$ 205,000	64%	\$ 80,000
4330-0140	SML WTF Communications	\$ 516	\$ 500	-3%	\$ (16)
4330-0150	SML WTF Facility Power	\$ 228,000	\$ 230,000	1%	\$ 2,000
4330-0155	SML WTF Fuel Costs	\$ 2,000	\$ 2,000	0%	\$ -
4330-0161	SML WTF Facility Property Insurance	\$ 14,450	\$ 14,994	4%	\$ 544
4330-0240	SML WTF Sampling & Testing	\$ 40,000	\$ 2,000	-95%	\$ (38,000)
4330-0300	SML Water Quality Monitoring	\$ 7,500	\$ 7,500	0%	\$ -
4330-0370	SML WTF Raw Water Fee	\$ 8,800	\$ 8,800	0%	\$ -
<b>4330</b>	<b>SML Facility</b>	<b>\$ 501,266</b>	<b>\$ 555,794</b>	<b>11%</b>	<b>\$ 54,528</b>
4275-0100	Central Water Supplies	\$ 37,500	\$ 37,500	0%	\$ -

## Operating Expenses

Account #	Description	Fiscal Year 2020-2021	Fiscal Year 2021-2022		
		FY 20-21 Budget	FY 21-22 Approved Budget	% Difference from FY 20-21 Budget	\$ Difference from FY 20-21 Budget
4275-0101	Central Water Meter Installations	\$ 3,750	\$ 3,750	0%	\$ -
4275-0110	Central Water Contracted Services	\$ 108,700	\$ 108,700	0%	\$ -
4275-0115	Central Water Repairs & Maintenance	\$ 44,500	\$ 44,500	0%	\$ -
4275-0120	Central Water Dam Inspection Fees	\$ -	\$ -		\$ -
4275-0140	Central Water Communications	\$ -	\$ 1,962		\$ 1,962
4275-0155	Central Water Fuel	\$ 250	\$ 250		\$ -
4275-0240	Central Water Sampling & Testing	\$ 20,000	\$ 20,000	0%	\$ -
4275-0410	Central Water VDH fees	\$ 10,992	\$ 12,091	10%	\$ 1,099
<b>4275</b>	<b>Central Water Distribution Costs</b>	<b>\$ 225,692</b>	<b>\$ 228,753</b>	<b>1%</b>	<b>\$ 3,061</b>
4276-0100	Central Water Treatment Supplies	\$ 20,000	\$ 30,000	50%	\$ 10,000
4276-0105	Central Water Treatment Chemicals	\$ 50,000	\$ 40,000	-20%	\$ (10,000)
4276-0110	Central Water Treatment Contracted Services	\$ 10,000	\$ 15,000	50%	\$ 5,000
4276-0140	Central Water Treatment Communications	\$ 1,020	\$ 1,020	0%	\$ -
4276-0150	Central Water Treatment Power	\$ 33,600	\$ 35,000	4%	\$ 1,400
4276-0155	Central Water Treatment Fuel	\$ 2,000	\$ 2,000	0%	\$ -
4276-0161	Central Water Treatment Property Insurance	\$ 18,569	\$ 10,497	-43%	
4276-0161	Central Water Treatment Sampling& Testing	\$ -	\$ 1,500	#DIV/0!	\$ 1,500
<b>4276</b>	<b>Central Water Treatment Costs</b>	<b>\$ 135,189</b>	<b>\$ 135,017</b>	<b>0%</b>	<b>\$ (172)</b>
4280-0100	Stewartsville Water Supplies	\$ 2,000	\$ 1,000	-50%	\$ (1,000)
4280-0101	Stewartsville Water Meter Installations	\$ 500	\$ 500	0%	\$ -
4280-0110	Stewartsville Water Contracted Services	\$ 2,700	\$ 2,700	0%	\$ -
4280-0115	Stewartsville Water Repairs & Maintenance	\$ 2,500	\$ 2,500	0%	\$ -
4280-0140	Stewartsville Water Communications	\$ 300	\$ 300		\$ -
4280-0150	Stewartsville Water Power	\$ 300	\$ 400	33%	\$ 100
4280-0161	Stewartsville Water Property Insurance	\$ 666	\$ 732	10%	\$ 67
4280-0240	Stewartsville Water Sampling & testing	\$ 1,500	\$ 900	-40%	\$ (600)
4280-0300	Stewartsville Water Purchased	\$ 27,650	\$ 32,000	16%	\$ 4,350
4280-0410	Stewartsville Water VDH Fees	\$ 416	\$ 416	0%	\$ (0)
<b>4280</b>	<b>Stewartsville Water Costs</b>	<b>\$ 38,532</b>	<b>\$ 41,448</b>	<b>8%</b>	<b>\$ 2,917</b>



## Operating Expenses

Account #	Description	Fiscal Year 2020-2021	Fiscal Year 2021-2022		
		FY 20-21 Budget	FY 21-22 Approved Budget	% Difference from FY 20-21 Budget	\$ Difference from FY 20-21 Budget
4290-0100	Forest Sewer Supplies	\$ 65,000	\$ 63,600	-2%	\$ (1,400)
4290-0105	Forest Sewer Chemicals	\$ 87,000	\$ 87,000	0%	\$ -
4290-0110	Forest Sewer Contracted Services	\$ 104,500	\$ 104,500	0%	\$ -
4290-0115	Forest Sewer Repairs & Improvements	\$ 2,000	\$ 2,000	0%	\$ -
4290-0140	Forest Sewer Communications	\$ 3,600	\$ 3,600	0%	\$ -
4290-0150	Forest Sewer Power	\$ 37,200	\$ 37,200	0%	\$ -
4290-0155	Forest Sewer Fuel Costs	\$ 5,000	\$ 5,000	0%	\$ -
4290-0161	Forest Sewer Property Insurance	\$ 5,025	\$ 4,644	-8%	\$ (381)
4290-0240	Forest Sewer Sampling & Testing	\$ 500	\$ 500	0%	\$ -
4290-0350	Forest Sewer Treatment Costs	\$ 300,000	\$ 300,000	0%	\$ -
<b>4290</b>	<b>Forest Sewer Costs</b>	<b>\$ 609,825</b>	<b>\$ 608,044</b>	<b>0%</b>	<b>\$ (1,781)</b>
4291-0100	Center Sewer Supplies	\$ 70,000	\$ 70,000	0%	\$ -
4291-0110	Center Sewer Contracted Services	\$ 84,500	\$ 84,500	0%	\$ -
4291-0115	Center Sewer Repairs & Improvements	\$ 104,000	\$ 109,000	5%	\$ 5,000
4291-0150	Center Sewer Power	\$ 55,000	\$ 55,000	0%	\$ -
4291-0155	Center Sewer Fuel Costs	\$ 5,000	\$ 5,000	0%	\$ -
4291-0240	Center Sewer Sampling & Testing	\$ 250	\$ 250		\$ -
<b>4291</b>	<b>Center Sewer Collection System Costs</b>	<b>\$ 318,750</b>	<b>\$ 323,750</b>	<b>2%</b>	<b>\$ 5,000</b>
4293-0100	Center Sewer Treatment Supplies	\$ 73,000	\$ 73,000	0%	\$ -
4293-0105	Center Sewer Treatment Chemicals	\$ 127,000	\$ 120,000	-6%	\$ (7,000)
4293-0110	Center Sewer Contracted Services	\$ 95,000	\$ 75,000	-21%	\$ (20,000)
4293-0115	Center Sewer Sludge Tipping Fees	\$ 45,000	\$ 45,000	0%	\$ -
4293-0140	Center Sewer Treatment Communications	\$ 7,200	\$ 9,162	27%	\$ 1,962
4293-0150	Center Sewer Treatment Power	\$ 228,000	\$ 212,000	-7%	\$ (16,000)
4293-0155	Center Sewer Treatment Fuel	\$ 1,500	\$ 1,500	0%	\$ -
4293-0161	Center Sewer Treatment Property Insurance	\$ 15,450	\$ 13,398	-13%	\$ (2,052)
4293-0240	Center Sewer Treatment Sampling & Testing	\$ 25,000	\$ 25,000	0%	\$ -
4293-0411	Center Sewer DEQ charges	\$ 9,400	\$ 9,400	0%	\$ -

## Operating Expenses

Account #	Description	Fiscal Year 2020-2021	Fiscal Year 2021-2022		
		FY 20-21 Budget	FY 21-22 Approved Budget	% Difference from FY 20-21 Budget	\$ Difference from FY 20-21 Budget
<b>4293</b>	<b>Center Sewer Treatment Costs</b>	<b>\$ 626,550</b>	<b>\$ 583,460</b>	<b>-7%</b>	<b>\$ (43,090)</b>
4292-0100	Moneta Sewer Supplies	\$ 10,250	\$ 10,250	0%	\$ -
4292-0105	Moneta Sewer Chemicals	\$ 2,000	\$ 2,000		\$ -
4292-0110	Moneta Sewer Contracted Services	\$ 3,050	\$ 3,050	0%	\$ -
4292-0115	Moneta Sewer Repairs & Improvements	\$ 400	\$ 400	0%	\$ -
4292-0150	Moneta Sewer Power	\$ 12,000	\$ 13,000	8%	\$ 1,000
4292-0155	Moneta Sewer Fuel Costs	\$ 3,500	\$ 3,500	0%	\$ -
4292-0240	Moneta Sewer Sampling & testing	\$ 600	\$ 600		\$ -
<b>4292</b>	<b>Moneta Sewer Collection System Costs</b>	<b>\$ 31,800</b>	<b>\$ 32,800</b>	<b>3%</b>	<b>\$ 1,000</b>
4294-0100	Moneta Sewer Treatment Supplies	\$ 30,000	\$ 30,000	0%	\$ -
4294-0105	Moneta Sewer Treatment Chemicals	\$ 9,000	\$ 12,000	33%	\$ 3,000
4294-0110	Moneta Sewer Contracted Services	\$ 21,500	\$ 35,000	63%	\$ 13,500
4294-0115	Moneta Sewer Sludge Tipping Fees	\$ 15,000	\$ 15,000	0%	\$ -
4294-0140	Moneta Sewer Treatment Communications	\$ 1,980	\$ 1,980	0%	\$ -
4294-0150	Moneta Sewer Treatment Power	\$ 43,200	\$ 39,285	-9%	\$ (3,915)
4294-0155	Moneta Sewer Fuel	\$ 350	\$ 350		\$ -
4294-0161	Moneta Sewer Treatment Property Insurance	\$ 6,417	\$ 6,447	0%	\$ 29
4294-0240	Moneta Sewer Treatment Sampling & Testing	\$ 20,000	\$ 20,000	0%	\$ -
4294-0411	Moneta Sewer DEQ charges	\$ 3,000	\$ 3,000	0%	\$ -
<b>4294</b>	<b>Moneta Sewer Treatment Costs</b>	<b>\$ 150,447</b>	<b>\$ 163,061</b>	<b>8%</b>	<b>\$ 12,614</b>
4295-0100	Montvale Sewer Supplies	\$ 6,000	\$ 15,000	150%	\$ 9,000
4295-0105	Montvale Sewer Chemicals	\$ 1,500	\$ 1,500	0%	\$ -
4295-0110	Montvale Sewer Contracted Services	\$ 10,000	\$ 15,000	50%	\$ 5,000
4295-0115	Montvale Sewer Repairs & Improvements	\$ -	\$ -	#DIV/0!	\$ -
4295-0140	Montvale Sewer Communication	\$ 300	\$ 300	0%	\$ -
4295-0150	Montvale Sewer Power	\$ 360	\$ 360	0%	\$ -
4295-0155	Montvale WWTP Fuel Costs	\$ 250	\$ 250	0%	\$ -
4295-0161	Montvale Sewer Property Insurance	\$ 1,570	\$ 808	-49%	\$ (761)

## Operating Expenses

Account #	Description	Fiscal Year 2020-2021	Fiscal Year 2021-2022		
		FY 20-21 Budget	FY 21-22 Approved Budget	% Difference from FY 20-21 Budget	\$ Difference from FY 20-21 Budget
4295-0240	Montvale Sewer Sampling & testing	\$ 7,000	\$ 14,000	100%	\$ 7,000
4295-0411	Montvale Sewer DEQ Charges	\$ 2,400	\$ 2,400	0%	\$ -
<b>4295</b>	<b>Montvale Sewer Costs</b>	<b>\$ 29,380</b>	<b>\$ 49,618</b>	<b>69%</b>	<b>\$ 20,239</b>
4315-0100	Mariners Landing Water Supplies	\$ 6,868	\$ -	-100%	\$ (6,868)
4315-0105	Mariners Landing Water Chemicals			#DIV/0!	\$ -
4315-0110	Mariners Landing Water Contracted Services	\$ 2,000	\$ -	-100%	\$ (2,000)
4315-0140	Mariners Landing Water Communication	\$ 300	\$ -	-100%	\$ (300)
4315-0150	Mariners Landing Water Power	\$ 11,925	\$ -	-100%	\$ (11,925)
4315-0155	Mariners Landing Water Fuel Costs	\$ 2,800	\$ -	-100%	\$ (2,800)
4315-0161	Mariners Landing Water Insurance	\$ 1,200	\$ -	-100%	\$ (1,200)
4315-0240	Mariners Landing Water Sampling & Testing	\$ 2,400	\$ -	-100%	\$ (2,400)
4315-0410	Mariners Landing Water VDH Fees	\$ 1,162	\$ -	-100%	\$ (1,162)
<b>4315</b>	<b>Mariners Landing Water Costs</b>	<b>\$ 28,655</b>	<b>\$ -</b>	<b>-100%</b>	<b>\$ (28,655)</b>
4340-0100	Mariners Landing Sewer Supplies	\$ 16,000	\$ 25,000	56%	\$ 9,000
4340-0105	Mariners Landing Sewer Chemicals	\$ 4,500	\$ 4,500	0%	\$ -
4340-0140	Mariners Landing Sewer Contracted Services	\$ 28,400	\$ 40,000	41%	\$ 11,600
4340-0115	Mariners Landing Sewer Sludge Tipping Fees			#DIV/0!	\$ -
4340-0140	Mariners Landing Sewer Communication	\$ 300	\$ 300	0%	\$ -
4340-0150	Mariners Landing Sewer Power	\$ 27,000	\$ 24,159	-11%	\$ (2,841)
4340-0155	Mariners Landing Sewer Fuel Costs	\$ 4,200	\$ 4,200	0%	\$ -
4340-0161	Mariners Landing Sewer Insurance	\$ 1,570	\$ 1,727	10%	\$ 157
4340-0240	Mariners Landing Sewer Sampling & Testing	\$ 2,400	\$ 2,400	0%	\$ -
4340-0411	Mariners Landing Sewer DEQ Permit Fees	\$ 2,400	\$ 2,400	0%	\$ -
	<b>Mariners Landing Sewer Costs</b>	<b>\$ 86,770</b>	<b>\$ 104,686</b>	<b>21%</b>	<b>\$ 17,916</b>
4350-0100	Cedar Rock Sewer Supplies	\$ 5,000	\$ 15,000	200%	\$ 10,000
4350-0105	Cedar Rock Sewer Chemicals	\$ 700	\$ 700	0%	\$ -
4350-0110	Cedar Rock Sewer Contracted Services	\$ 8,000	\$ 20,000	150%	\$ 12,000

## Operating Expenses

Account #	Description	Fiscal Year 2020-2021	Fiscal Year 2021-2022		
		FY 20-21 Budget	FY 21-22 Approved Budget	% Difference from FY 20-21 Budget	\$ Difference from FY 20-21 Budget
4350-0115	Cedar Rock Sewer Sludge Tipping Fees			#DIV/0!	\$ -
4350-0140	Cedar Rock Sewer Communication	\$ 300	\$ 800	167%	\$ 500
4350-0150	Cedar Rock Sewer Power	\$ 5,100	\$ 5,100	0%	\$ -
4350-0155	Cedar Rock Sewer Fuel Costs	\$ 600	\$ 600	0%	\$ -
4350-0161	Cedar Rock Sewer Property Insurance	\$ 1,570	\$ 170	-89%	\$ (1,400)
4350-0240	Cedar Rock Sewer Sampling & Testing	\$ 2,400	\$ 1,000	-58%	\$ (1,400)
4350-0411	Cedar Rock Sewer DEQ Permit Fees	\$ 2,400	\$ 2,400	0%	\$ -
<b>Cedar Rock Sewer Costs</b>		<b>\$ 26,070</b>	<b>\$ 45,770</b>	<b>76%</b>	<b>\$ 19,700</b>
4360-0100	Paradise Point Water Supplies		\$ 2,000	#DIV/0!	\$ 2,000
4360-0105	Paradise Point Water Chemicals		\$ 5,000	#DIV/0!	\$ 5,000
4360-0140	Paradise Point Water Contracted Services		\$ 5,000	#DIV/0!	\$ 5,000
4360-0140	Paradise Point Water Communication		\$ 300	#DIV/0!	\$ 300
4360-0150	Paradise Point Water Power		\$ 5,000	#DIV/0!	\$ 5,000
4360-0155	Paradise Point Water Fuel Costs		\$ 100	#DIV/0!	\$ 100
4360-0161	Paradise Point Water Insurance		\$ -	#DIV/0!	\$ -
4360-0240	Paradise Point Water Sampling & Testing		\$ 2,000	#DIV/0!	\$ 2,000
4360-0410	Paradise Point Water VDH fees		\$ 63	#DIV/0!	\$ 63
<b>Paradise Point Water Expenses</b>		<b>\$ -</b>	<b>\$ 19,463</b>	<b>#DIV/0!</b>	<b>\$ 19,463</b>
4300-0100	Schools WWTP Supplies	\$ 10,000	\$ 10,000	0%	\$ -
4300-0105	Schools WWTP Chemicals	\$ 10,000	\$ 10,000	0%	\$ -
4300-0110	Schools WWTP Contracted Services	\$ 15,000	\$ 15,000	0%	\$ -
4300-0240	Schools Testing		\$ 7,000		
4310-0110	Closed Schools Contracted Services	\$ -	\$ -	#DIV/0!	\$ -
4320-0100	Franklin County Supplies	\$ 7,000	\$ 12,000	71%	\$ 5,000
4320-0105	Franklin County Chemicals	\$ 9,000	\$ 12,000	33%	\$ 3,000
4320-0240	Franklin County Sampling & Testing	\$ 20,000	\$ 15,000	-25%	\$ (5,000)
<b>4300</b>	<b>Contract Operations</b>	<b>\$ 71,000</b>	<b>\$ 81,000</b>	<b>14%</b>	<b>\$ 10,000</b>

## Operating Expenses

Account #	Description	Fiscal Year 2020-2021	Fiscal Year 2021-2022		
		FY 20-21 Budget	FY 21-22 Approved Budget	% Difference from FY 20-21 Budget	\$ Difference from FY 20-21 Budget
<b>Total Operating Expenditures</b>		<b>\$ 10,790,214</b>	<b>\$ 11,256,051</b>	<b>4.3%</b>	<b>\$ 446,805</b>
<b>Depreciation</b>					
4400-0810	Office Depreciation	\$ 151,840	\$ 151,840	0%	
4400-0811	Information Systems Depreciation	\$ 48,933	\$ 48,933	0%	
4400-0812	Vehicles & Equipment Depreciation	\$ 147,567	\$ 147,568	0%	
4400-0813	Forest Water Depreciation	\$ 573,566	\$ 573,566	0%	
4400-0814	Lakes Water Depreciation	\$ 26,316	\$ 26,316	0%	
4400-0815	SML Central Depreciation	\$ 329,609	\$ 329,609	0%	
4400-0816	Stewartsville Water Depreciation	\$ 48,895	\$ 48,895	0%	
4400-0817	Forest Sewer Depreciation	\$ 511,568	\$ 511,568	0%	
4400-0818	Montvale Sewer Depreciation	\$ 80,336	\$ 80,336	0%	
4400-0819	Amortization Expense	\$ 1,000	\$ 1,000	0%	
4400-0820	Water & Sewer Studies Depreciation	\$ 35,410	\$ 35,410	0%	
4400-0821	Moneta Sewer Depreciation	\$ 444,330	\$ 444,330	0%	
4400-0822	Center Sewer Depreciation	\$ 415,564	\$ 415,564	0%	
4400-0823	Center Water Depreciation	\$ 438,551	\$ 438,551	0%	
4400-0824	SML WTP Facility Depreciation	\$ 3,992	\$ 3,992	0%	
<b>4400</b>	<b>Depreciation</b>	<b>\$ 3,257,477</b>	<b>\$ 3,257,478</b>	<b>0%</b>	
<b>Debt Service &amp; Interest</b>					
4500-0600	Loan Issuance Costs				
4500-0615	VRA Trustee Fees		\$ -	#DIV/0!	
4500-0625	VRA 2009 (2002 A Refunding)		\$ -	#DIV/0!	
4500-0635	VRA 2005 Interest		\$ -		
4500-0640	Lynchburg Sewer Interest	\$ 262	\$ 1,842	603%	
4500-0645	VRA 2012 Interest (2005 refunding)	\$ 139,400	\$ 102,116	-27%	
4500-0660	VRA 2014 Interest (2005 Refunding)	\$ 77,281	\$ 77,281	0%	

## Operating Expenses

Account #	Description	Fiscal Year 2020-2021	Fiscal Year 2021-2022		
		FY 20-21 Budget	FY 21-22 Approved Budget	% Difference from FY 20-21 Budget	\$ Difference from FY 20-21 Budget
4500-0650	Assumed Debt from Town- Interest	\$ 80,070	\$ 72,881	-9%	
4500-0665	VRA 2015 Interest	\$ 1,058,563	\$ 1,034,091	-2%	
4500-0670	VRA 2019 refunding interest	\$ 117,491	\$ 72,134	-39%	
	VRA 2020- ESCO Project		\$ 143,334		
4500	Interest & Debt Service Expenditures w/o principal	\$ 1,473,067	\$ 1,360,346	-8%	

## Debt Service Summary

### Listing of Debt

Issue	Principal Payment	Interest Payment	Total Debt Service Payment	Coverage Required		Notes:
				%	Dollars	
a. 2005 Spring			\$ -	15.0%	\$ -	Bedford County Moral Obligation
b. 2009 (2002 A refunding)			\$ -	15.0%	\$ -	Bedford County Moral Obligation
c. Lynchburg Sewer Debt	\$ 45,001.55	\$ 1,842.27	\$ 46,843.82	0.0%	\$ -	
d. 2012 (2005 Refunding)	\$ 745,000.00	\$ 102,115.63	\$ 847,115.63	15.0%	\$ 127,067.34	Bedford County Moral Obligation
e. 2014 (2005 Refunding)	\$ -	\$ 77,281.26	\$ 77,281.26	15.0%	\$ 11,592.19	Bedford County Moral Obligation
f. City W&S Debt	\$ 482,342.50	\$ 72,881.42	\$ 555,223.92	1.0%	\$ 5,552.24	assumed debt from City
g. 2015 Fall VRA	\$ 795,000.00	\$ 1,034,090.63	\$ 1,829,090.63	15.0%	\$ 274,363.59	SMLWTP project
h. 2019 (2009 refunding)	\$ 905,000.00	\$ 72,134.38	\$ 977,134.38	15.0%	\$ 146,570.16	Bedford County Moral Obligation
i. 2020 VRA (ESCO)	\$ 175,000.00	\$ 143,334.39	\$ 318,334.39	15.0%	\$ 47,750.16	
j. Totals	\$ 3,147,344.05	\$ 1,503,679.98	\$ 4,651,024.03		\$ 418,575.37	

### Summary

Description	Amount
k. Total Principal and Interest (row g. above)	\$ 4,651,024.03
l. Trustee Fees	
m. Gross Debt service paid by BRWA (h.+i.+j.)	\$ 4,651,024.03
n. Bedford County Contribution	\$ (2,000,000.00)
n. Net Debt service paid by BRWA (k.-l.)	\$ 2,651,024.03

### Coverage

Required Debt Coverage, from both reserve fund accounts and operating revenue coverage (15% of total principal and interest from row a. through e. above)		\$ 413,023.13
Required Debt Coverage, for assumed debt from City (1.00% of total principal and interest from row f. above)		\$ 5,552.24
r. Total Required Debt Coverage (n.+o.)		\$ 418,575.37



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## RESOLUTION

2021-04.04

### FY 2021-2022 Capital Improvement Projects Approval

At a regular meeting of the Bedford Regional Water Authority ("Authority") Board of Directors, held in the Board Meeting Room at the Authority's Administrative Annex Building on the 20<sup>th</sup> day of April 2021, beginning at 7:00pm:

**WHEREAS**, the Board of Directors of the Bedford Regional Water Authority approved the Fiscal Year 2021-2022 Operating Budget ("Operating Budget") resolution 2021-04.03, with Total Revenues in the amount of \$18,401,904 and Cash Operating Expenses in the amount of \$15,907,075; and,

**WHEREAS**, the total operating coverage minus replacement capital as of July 1, 2021 is projected to be \$1,025,829; and,

**WHEREAS**, the total balance in the Virginia Investment Pool (VIP) reserve accounts is \$1,488,521; now,

**WHEREAS** the Finance Committee has reviewed the complete listing of proposed purchases and projects expenditures, and have recommended approval to the Board of Directors; now,

**THEREFORE, BE IT RESOLVED**, that the Board of Directors of the Bedford Regional Water Authority does hereby approve of proceeding with the Capital Improvement Projects presented in the amount of \$1,548,925 with the specific authorization given to the Executive Director to add, delete, or reprioritize the items on the attached project listing as long as the total amount of the capital expenditures does not exceed the amount listed above without further board action.

On behalf of the Finance Committee, Member Segroves made a motion to approve this resolution.

Being a motion from a committee, a second motion was not needed.


Board member votes:   7   Aye;   0   Nay;   0   Abstain. The motion carried.





### CERTIFICATION

The undersigned secretary of the Bedford Regional Water Authority does hereby certify that the foregoing is a true, complete, and correct Resolution adopted by a vote of a majority of the Directors of the Bedford Regional Water Authority, present at a regular meeting of the Board of Directors of the Bedford Regional Water Authority duly called and held April 20, 2021 at which a quorum was present and acting throughout, and that the same has not been amended or rescinded and is in full force and effect as of the date of the above mentioned meeting.

  
\_\_\_\_\_  
Brian M. Key, Secretary,  
Bedford Regional Water Authority

(SEAL)

**CAPITAL IMPROVEMENT PROGRAM**

**Projects Listing**

Service Area	LINE ID	Project	Fiscal Year Ending	Project Costs	CARRYOVER				Notes
					Residual Funds	2020	2021	2022	
	1	<b>PROJECTS WITH DEBT SERVICE</b>							
Central	2	<b>Energy Saving Project - Central WWTP</b>							Majority of the costs is in the blowers; also includes modifying the plant DO and level controls.
	3	Central Wastewater Treatment Upgrades (VRA)	2022	\$4,243,599			66,930	318,335	
	4	Central Wastewater Treatment Upgrades (Addtl)		\$1,038,000	1,038,000				Additional capital from residual funds to subsidize VRA loan.
Forest	5	<b>Ivy Creek 5 &amp; 6 Design, Construction &amp; Capacity</b>	2023	\$12,520,000					Payments begin 6 months after construction is complete.
	8	<b>WATER PROJECTS</b>							
	27	<b>Operational Needs</b>							
Central	28	Forest to Lakes Permanent Booster Station		\$2,000,000	2,000,000				Needed for transferring water from Forest to Central or Lakes, or if serving all of Forest from the Lakes. Provides backup source upon failures on Route 122 water main, and removes need for temporary pump station setup and maintenance.
	31	Sample Hydrants Phase 1 (5)	2022	\$5,000				5,000	Guarantees accessibility and representative water for compliance samples. (Phased)
Central	35	Central Water Upgrades							
	36	Replace control valves (influent, bw, rewash) CARRYOVER	2020	\$80,000		80,000			Valves are original 1972 hydraulic valves that are leaking and will not close without water supply - no hand option; no replacement parts are available. Replace with electronic controllers and hand wheel backup. Cannot operate due to concerns of further problems and inability to repair.
	37	Replace control valves (waste)	2022	\$30,000				30,000	16" waste valves are plunger type; replacement will require fabricated knife gates with transitions.
	39	Upgrade chemical feeders to liquid chemical (Delpac/PaCl)	2022	\$10,000				10,000	Changing coagulant to liquid PACI (DELPAC) will extend filter runs, reduce waste, delay media replacement, reduce lime use by 75% and improve water quality. With no dry chemicals added to the water, less sediment would need to be cleaned and hauled.
Central	43	Stoney Creek Reservoir Telemetry	2022	\$10,000				10,000	New broadband tower enables ability to provide telemetry upon equipment being installed.
Central	44	Reservoir Drain Valve Analysis & Contingency Plan	2022	\$15,000				15,000	Drain valve should be operated annually; DCR recommended contingency plan from consultant prior to operation. May analyze use of siphon system to allow access for valve operation without use of boat.
Stewartsville	45	Stewartsville GAC & Rechlorination PER	2022	\$30,000				30,000	Review feasibility of repurposing GAC units from Highpoint to remove DBPs and boost chlorination for adequate residual.
Lakes	46	Bridgewater Bay Pressure Reducing Valve (PRV)	2022	\$65,000				65,000	System pressures of 130-170psi. Piping materials rated to 200 psi, while meters rated at 150 psi. Customers' standard residential PRVs insufficient for pressure and regularly failing.
Lakes	48	Mountain View Shores Filter Replacement	2022	\$150,000				150,000	The filters are in danger of failure due to serious corrosion. Price is for full replacement.
	49	Paradise Point SCADA	2022	\$15,000				15,000	Provide remote monitoring of well system; included in rate evaluation for Paradise Point.
Lakes	50	SML WTF (Costs represent shared portion with WVWA)							
	51	SCADA Upgrades to tie in existing equipment	2022	\$10,000				10,000	Any monitor or chemical additions must be added to SCADA; however, all input blocks are full. New rail cabinet and I/O equipment along with programming is needed. Already have equipment waiting to be added.
	53	PACI System Completion	2022	\$5,000				5,000	PACI has been determined to be beneficial for organics removal. The system needs to be finalized per VDH requirements including plans, specs and additional equipment.
	55	<b>SEWER PROJECTS</b>							
	61	<b>Operational Needs</b>							
Central	66	Central WWTP							
	67	Concrete repairs on anoxic and pre-air tanks	2022	\$20,000				20,000	Repair cracks
Central	74	Central Sewer Pump Stations							
	75	Pump Stations 1, 2, 3 - Security Cameras	2022	\$5,000				5,000	Allow operators to view station remotely for overflow concerns or security issues.
	76	Pump Station 1 - Soft starts and new control panel	2022	\$50,000				50,000	Reduce water hammer effect on receiving force main.
	77	Pump Station 1 - Replacement Pump #1	2022	\$45,000				45,000	3 pumps are >20 years old; 1st phase for replacement. Will reduce overflows.
	80	Pump Station 2 - Replacement Pump #1	2022	\$45,000				45,000	3 pumps are >20 years old; 1st phase for replacement. Will reduce overflows.
	83	Pump Station 3 - Replacement Pump #1	2022	\$45,000				45,000	3 pumps are >20 years old; 1st phase for replacement. Will reduce overflows.
	93	Pump Station 5 Replacement	2021	\$186,000			186,000		Smith & Loveless pump station with failed steel wet well, plug and check valve. Replacing in 20-21 as part of emergency repair of complete failure.
	94	Pump Station 7 Replacement	2022	\$186,000				186,000	Smith & Loveless pump station with failing steel wet well.
Lakes	96	Mariners Landing Sewer Upgrades							
	97	WWTP Upgrades		\$103,000	103,000				Various upgrades identified with system transfer.
	98	WWTP Upgrades (Additional)	2022	\$40,000				40,000	Additional funding needed to complete the rebuild of both BIOWHEELS and new BIOWHEEL gearbox.
	99	Pump Stations 1 & 2 SCADA		\$40,000	40,000				Allow remote view and ability to trend station performance.
	100	Pump Station 3 SCADA	2022	\$10,000				10,000	Allow remote view and ability to trend station performance.
	101	Pump Station 4 SCADA	2022	\$10,000				10,000	Allow remote view and ability to trend station performance.
	102	<b>OFFICE IMPROVEMENTS</b>							
	103	Admin Parking Lot [CARRYOVER]	2020	\$300,000		300,000			Parking lot redesigned to north side of facilities; changes during design related to property lines & layout increased parking area potential and overall costs.
	105	Administration Offices - New Gate	2022	\$28,000				28,000	The gate is not functioning properly due to being too heavy for the current set-up, creating accessibility and security concerns.
	106	Administration Offices - Surface coat rear parking lot	2022	\$10,000				10,000	Need to have the cracks filled, surface treated, and new lines painted on the rear parking lot behind the Annex Building to prevent complete pavement failure.
	113	South Mobile Roof Replacement/Repair	2022	\$6,000				6,000	Mobile near heated garage. Roof was not replaced upon moving the mobile and moisture is causing damage to files stored inside. If roof determined in adequate shape, may build diversion above mobile to divert stormwater runoff away from base of mobile. Addressing source of water will provide protection to files currently stored and allow file cabinets from Board Room to be moved upon files being scanned.
	116	<b>PURCHASES</b>							
	117	Admin							
	118	Key System - Phase 1a (Admin & Annex-ext/pub)	2022	\$50,000				50,000	Replacement key system for all exterior and public area doors on site. Adds security.
	119	Key System - Phase 1b (Admin & Annex-interior)	2022	\$50,000				50,000	Replacement key system for all interior doors on site.
	122	Website Redesign	2022	\$65,000				65,000	BRWA website currently on an outdated platform that limits and prohibits some functionality of the site. Site will no longer be supported after April 2021.
	124	Customer Service							
	125	Billing Software - InHance Impresse	2022	\$79,600				79,600	BillMaster no longer supported. InHance Impresse part of same parent company for smooth transition.
	127	Bill Pay Kiosk	2022	\$33,275				33,275	To allow customers to pay their bill when the office is closed (whether through pandemic, after-hours, or weekends). The kiosk will allow the customer to pay with cash, by check or credit/debit card and receive a receipt.
	128	<b>Water Operations</b>							
	129	Leak Detection Equipment (linked to new position)	2022	\$30,000				30,000	To be used by new Water Operations distribution position.
	130	Vehicle for New Water Operations Position	2022	\$26,050				26,050	Associated with personnel request.
	131	<b>Maintenance</b>							
	132	Aluminum Trench Boxes (2)	2022	\$18,000				18,000	Wider and lighter trench boxes with 4 sides instead of 2. Beneficial where sloping not required. Better protection for employees and within VOSH standards. Rental costs to obtain necessary trench boxes until these are purchased.
	133	Mini Excavator	2022	\$50,000				50,000	Currently have 4 line crews and only 3 excavators, including one that should be sold since it was replaced; includes John Deere 35G w/ thumb & angle blade.
	134	Mini Excavator - Trailer	2022	\$7,000				7,000	Hooper trailer to carry requested mini-excavator.
	135	Mini Excavator - Rock hammer	2022	\$9,000				9,000	Rock hammer to fit new excavator; each excavator has its own.
	136	Plate compactor - excavator attachment	2022	\$8,000				8,000	Plate compactor will help compaction, especially around roadways. Can be used with existing equipment. To be used where handheld jumping-jack compactor cannot be used.
	137	Skid Steer Attachment-Bush Hog	2022	\$15,000				15,000	Reduces time and labor necessary for compacting backfill.
	138	Skid Steer Attachment-Power Rake	2022	\$14,000				14,000	Assists with easement clearing; provides access into smaller areas than tractor.
	139	Skid Steer Attachment - Sewer Clearing Easement Machine	2022	\$20,000				20,000	More efficient and smoother cleanup than manual rakes.
	140	Dump Truck (single Axle)	2022	\$120,000				120,000	Larger dump truck to dedicate to CIP crew construction; crew typically requires use of 2 dump trucks of the 4 currently owned.
	141	New FM Employee-Dodge RAM 2500 w\ utility body	2022	\$52,000				52,000	Vehicle required for additional employee allotted for Facilities Maintenance.
	142	New FM Employee - Tools for new vehicle	2022	\$15,000				15,000	Tools to outfit new Facilities Maintenance vehicle.
	143	Utility Body & Ladder Rack for Supervisor Truck	2022	\$16,000				16,000	2014 RAM 2500 converted to supervisor vehicle and needs associated utility body installed.
	144	<b>Preventative Maintenance</b>							
	145	Push Camera Tilt/Pan Head for existing unit	2022	\$13,000				13,000	This will replace the existing camera head, providing pan/tilt capabilities required for inspecting laterals.
	146	Diamond blade can root cutters	2022	\$13,000				13,000	These cutters will allow root removal, reducing back-ups. Will inflict less damage to aging sewer system.
		<b>Total Purchases Maintenance:</b>						370,000	
		<b>TOTALS:</b>		<b>\$8,187,925</b>	<b>3,181,000</b>	<b>380,000</b>	<b>186,000</b>	<b>1,548,925</b>	