



Water & Sewer Rates

September 5, 2023



5 Year Water Plan

Water Fund - Operating Revenue & Expenses (Excluding Capital & Ad Valorem Tax Rev)





Water & Sewer Rates

<u>Class/Type</u>	<u>FY2021</u>	11% <u>FY2022</u>	10% <u>FY2023</u>	8% <u>FY2024</u>
Water Flat	\$40.00	\$ 44.40	\$ 48.84	\$ 52.75
0 - 10K	2.13	2.36	2.60	2.80
10K-20K	2.88	3.20	3.52	3.80
20K-55K	4.47	4.96	5.46	5.89
55K-80K	6.50	7.22	7.94	8.58
Over 80K	8.50	9.44	10.38	11.21
 Irrig Flat	 \$40.00	 \$ 44.40	 \$ 48.84	 \$ 52.75
0-55K	4.47	4.96	5.46	5.89
55K-80K	6.50	7.22	7.94	8.58
Over 80K	8.50	9.44	10.38	11.21
 <u>Class/Type</u>	 <u>FY2021</u>	13% <u>FY2022</u>	12% <u>FY2023</u>	8% <u>FY2024</u>
Sewer Flat	\$29.55	\$ 33.39	\$ 37.40	40.39
0-20K	2.41	2.72	3.05	3.29
 Commercial				
All	2.41	2.72	3.05	3.29

Revenue Sufficiency & Rate report completed on January 20, 2021, by Raftelis supported the historical rate increases.

FY2024 rate increase based on Raftelis was anticipated to be 5%. Due to inflationary pressures that could not have anticipated when the report was completed, staff is recommending an additional 3% for a total 8% increase.



Water Usages

	2022 Actuals	Kgal Usage	Usage Type %	Realized Rate	2023 Actuals/Est	Kgal Usage	Usage Type %	Realized Rate
Irr Base	\$ 14,876				\$ 16,410			
Irr Usage	497,671	60,603	19%	\$ 8.21	536,056	62,662	16%	\$ 8.55
Sub-Total	512,547				552,466			
Water Base	1,148,539				1,272,225			
Water Usage	1,028,165	265,082	81%	\$ 3.88	1,270,891	321,469	84%	\$ 3.95
Sub-Total	2,176,704				2,543,116			

		Avg Monthly Usage		
	Acct/Units	2022	2023	
Irr Accts	56	90,183	93,248	3%
Water Accts	4,300	5,137	6,230	21%
		95,320	99,478	



Water Revenue Base Fees

Irrigation

FY	Cycle	Months	Amount	%Δ
2022	1	Oct/Nov	\$2,446	
2022	2	Dec/Jan	\$2,486	
2022	3	Feb/Mar	\$2,486	
2022	4	Apr/May	\$2,486	
2022	5	Jun/Jul	\$2,486	
2022	6	Aug/Sept	\$2,486	
			<u>\$14,876</u>	
2023	1	Oct/Nov	\$2,735	
2023	2	Dec/Jan	\$2,735	
2023	3	Feb/Mar	\$2,735	
2023	4	Apr/May	\$2,735	
2023	5	Jun/Jul	\$2,735	
2023	6	Aug/Sept	\$2,735	Est
			<u>\$16,410</u>	10%
2024			\$17,723	8%
Anticipated Revenue Increase			<u>\$1,313</u>	

Water

FY	Cycle	Months	Amount	%Δ
2022	1	Oct/Nov	\$190,782	
2022	2	Dec/Jan	\$191,019	
2022	3	Feb/Mar	\$191,249	
2022	4	Apr/May	\$191,671	
2022	5	Jun/Jul	\$191,826	
2022	6	Aug/Sept	\$191,992	
			<u>\$1,148,539</u>	
2023	1	Oct/Nov	\$211,603	
2023	2	Dec/Jan	\$211,745	
2023	3	Feb/Mar	\$211,984	
2023	4	Apr/May	\$212,181	
2023	5	Jun/Jul	\$212,356	
2023	6	Aug/Sept	\$212,356	Est
			<u>\$1,272,225</u>	11%
2024			\$1,374,003	8%
Anticipated Revenue Increase			<u>\$101,778</u>	



Water Revenue Usage Fees

Irrigation

FY	Cycle	Months	Kgal	Sum of Amount	MoM %Δ	
2022	1	Oct/Nov	9,894	\$81,603		
2022	2	Dec/Jan	8,758	\$70,607	-13%	Actual
2022	3	Feb/Mar	7,395	\$57,337	-19%	Actual
2022	4	Apr/May	10,169	\$83,372	45%	Actual
2022	5	Jun/Jul	10,956	\$90,771	9%	Actual
2022	6	Aug/Sept	13,431	\$113,981	26%	Actual
			<u>60,603</u>	<u>\$497,671</u>		
2023	1	Oct/Nov	10,263	\$92,600	-19%	Actual
2023	2	Dec/Jan	8,799	\$78,354	-15%	Actual
2023	3	Feb/Mar	9,609	\$86,331	10%	Actual
2023	4	Apr/May	10,621	\$96,208	11%	Actual
2023	5	Jun/Jul	9,483	\$84,913	-12%	Actual
2023	6	Aug/Sept		\$97,650	15%	Est
				<u>\$536,056</u>		
2024				\$578,940	8%	Calc
Anticipated Revenue Increase				<u>\$42,884</u>		

Water

FY	Cycle	Months	Kgal	Amount	MoM %Δ	
2022	1	Oct/Nov	41,079	\$161,200		
2022	2	Dec/Jan	41,098	\$146,564	-9%	Actual
2022	3	Feb/Mar	43,759	\$157,387	7%	Actual
2022	4	Apr/May	49,346	\$190,741	21%	Actual
2022	5	Jun/Jul	38,329	\$162,583	-15%	Actual
2022	6	Aug/Sept	51,471	\$209,690	29%	Actual
			<u>265,082</u>	<u>\$1,028,165</u>		
2023	1	Oct/Nov	51,444	\$219,198	5%	Actual
2023	2	Dec/Jan	54,587	\$230,172	5%	Actual
2023	3	Feb/Mar	53,985	\$202,840	-12%	Actual
2023	4	Apr/May	53,953	\$224,681	11%	Actual
2023	5	Jun/Jul	45,080	\$179,091	-20%	Actual
2023	6	Aug/Sept		\$214,909	20%	Est
			<u>259,049</u>	<u>\$1,270,891</u>		
2024				\$1,372,562	8%	Calc
Anticipated Revenue Increase				<u>\$ 101,671</u>		



Proposed FY2024 Water Fund (Revenue Data)

- Compared to the prior year (FY2022), Water Usage is up by 21% through the first 5 cycles of FY2023*

FY	Cycle	Months	K gal	CY vs PY Mo Δ	Total To C5	% Δ
2022	1	Oct/Nov	41,079			
2022	2	Dec/Jan	41,098			
2022	3	Feb/Mar	43,759			
2022	4	Apr/May	49,346			
2022	5	Jun/Jul	38,329		213,611	
2022	6	Aug/Sept	51,471			
2023	1	Oct/Nov	51,444	10,365		
2023	2	Dec/Jan	54,587	13,489		
2023	3	Feb/Mar	53,985	10,226		
2023	4	Apr/May	53,953	4,607		
2023	5	Jun/Jul	45,080	6,751	259,049	
				45,438	45,438	21%

Water Usage





Proposed FY2024 Water Fund (Revenue Data)

- Compared to the prior year (FY2022), Irrigation Usage is up by 3% through the first 5 cycles of FY2023*

FY	Cycle	Months	K Gal	CY vs PY Mo Δ	Total To C5	% Δ
2022	1	Oct/Nov	9,894			
2022	2	Dec/Jan	8,758			
2022	3	Feb/Mar	7,395			
2022	4	Apr/May	10,169			
2022	5	Jun/Jul	10,956		47,172	
2022	6	Aug/Sept	13,431			
2023	1	Oct/Nov	10,263	369		
2023	2	Dec/Jan	8,799	41		
2023	3	Feb/Mar	9,609	2,214		
2023	4	Apr/May	10,621	452		
2023	5	Jun/Jul	9,483	-1,473	48,775	
				1,603	1,603	3%

Irrigation Usage





Proposed FY2024 Water Fund (Expenditures)

- Overall, 6.7% decrease in expenditures of primarily due lower debt service cost and reduced Capital Projects.
- 5-6.5% increase in Salaries & Related (Department is fully staffed), **offset by Health Insurance Savings.**
- Health insurance savings of \$26K allocated to operating expenditures

	A	B	C		C-A	(C-A) / A
EXPENDITURES BY CATEGORY	Budget 2023	Est. Actuals 2023	Proposed 2024	% of Total	Budget to Budget \$ Chng	Budget to Budget % Chng
OPERATING EXPENSES	\$1,162,643	\$1,011,000	\$1,392,121	29%	\$ 229,478	19.7%
PERSONAL SERVICES	1,132,758	1,106,938	1,180,000	25%	47,242	4.2%
CAPITAL OUTLAY	666,621	399,000	420,000	9%	(246,621)	-37.0%
DEBT SERVICE	1,549,192	1,554,000	1,180,985	25%	(368,207)	-23.8%
TRANSFERS	550,000	550,000	550,000	12%	-	0.0%
Total	\$5,061,214	\$4,620,938	\$4,723,106	100%	\$ (338,108)	-6.7%

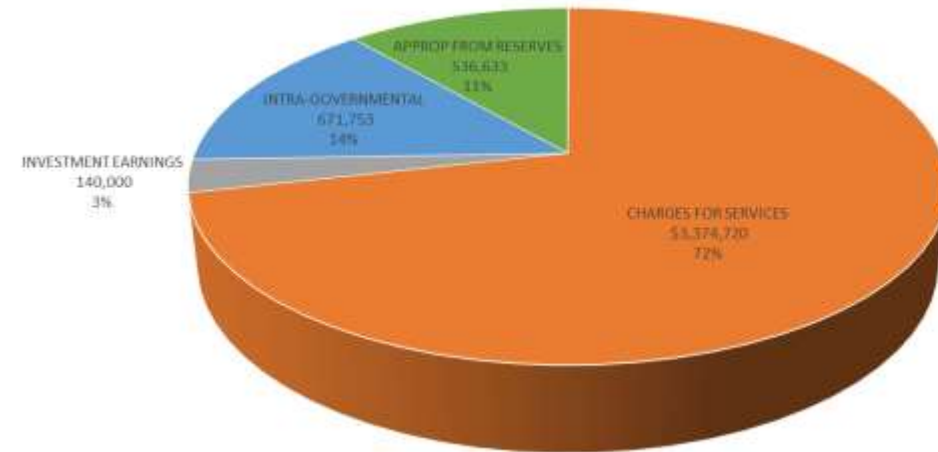




Proposed FY2024 Water Fund (Revenues)

- Overall decrease in revenues 6.7% (primarily due to reduction GF Transfers into the fund due to reduced DS).
- The preliminary Budget assumed an 8% rate increase (adds \$243K + estimated consumption) based on 5-year forecast
- Reduced (but still required) need for appropriations from reserves.

	A	B	C	C-A	(C-A) / A
REVENUE SOURCE	Budget 2023	Est. Actuals 2023	Proposed 2024	Budget to Budget \$ Chng	Budget to Budget % Chng
CHARGES FOR SERVICES	\$ 3,065,975	\$ 3,041,893	\$ 3,374,720	\$ 308,745	10.1%
INVESTMENT EARNINGS	29,000	135,397	140,000	111,000	382.8%
OTHER FINANCING SOURCES	-	5,186	-	-	0.0%
INTRA-GOVERNMENTAL	1,165,519	1,165,519	671,753	(493,766)	-42.4%
APPROP FROM RESERVES	800,720	-	536,633	(264,087)	-33.0%
Total	\$ 5,061,214	\$ 4,347,996	\$ 4,723,106	\$ (338,108)	-6.7%

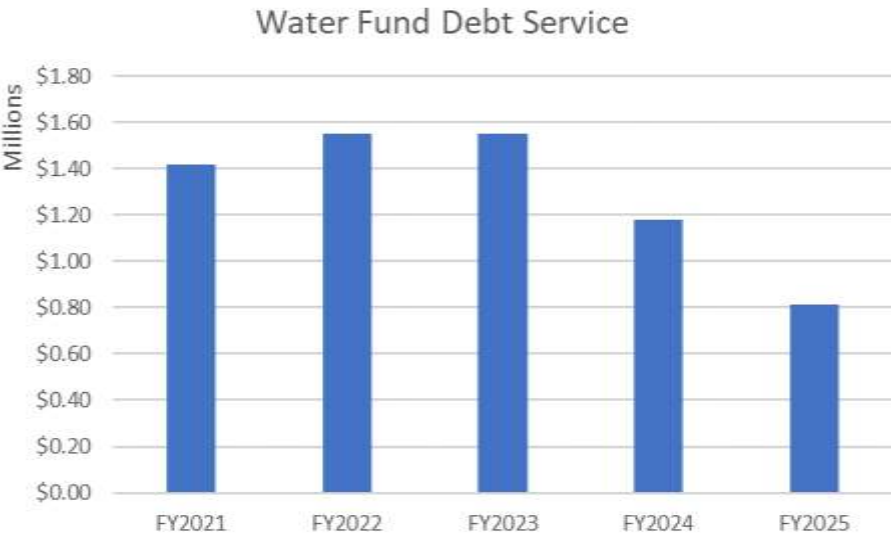




Proposed FY2024 Water Fund (Expenditure Data)

- Debt Service reduced in FY2024 by \$369K and FY2025 by another \$369K.

Loan No.	Pmts Months	Annual Debt Service	Maturity Date
500200	Mar & Sept	\$ 198,311	Sep-30
502901	Mar & Sept	738,424	Mar-24
500210	Jun & Dec	263,473	Dec-37
500201	Mar & Sept	52,136	Sep-30
BOA	All	296,880	Feb-29
		<u>\$ 1,549,224</u>	





Proposed FY2024 Water Fund Balance

- Healthy Fund Balance
- Transfers portion of ARPA Fund to GF for Fire Rescue
- 105 days cash in Unrestricted Fund Balance

Fund Balance	Estimate	
Beginning Balance	\$	3,386,184
Less: Transfer to GF	\$	(574,482)
Surplus/(Deficit)		(76,650)
Ending Balance	\$	2,735,052
Restrictions		
Debt Service	1,180,985	43%
Unassigned	1,554,067	57%
Total	\$ 2,735,052	100%



5 Year Sewer Plan

Sewer Fund - Operating Revenue & Expenses (Excluding Capital)





Sewer Revenue

Base Fees

FY	Cycle	Months	Amount	%Δ
2022	1	Oct/Nov	\$143,373	
2022	2	Dec/Jan	\$143,518	
2022	3	Feb/Mar	\$143,724	
2022	4	Apr/May	\$144,008	
2022	5	Jun/Jul	\$144,125	
2022	6	Aug/Sept	\$144,283	
			<u>\$863,031</u>	
2023	1	Oct/Nov	\$161,926	
2023	2	Dec/Jan	\$162,035	
2023	3	Feb/Mar	\$162,218	
2023	4	Apr/May	\$162,368	
2023	5	Jun/Jul	\$162,502	
2023	6	Aug/Sept	\$162,502	Est
			<u>\$973,551</u>	13%
2024			\$1,051,435	8%
Anticipated Revenue Increase			<u>\$77,884</u>	

Usage Fees

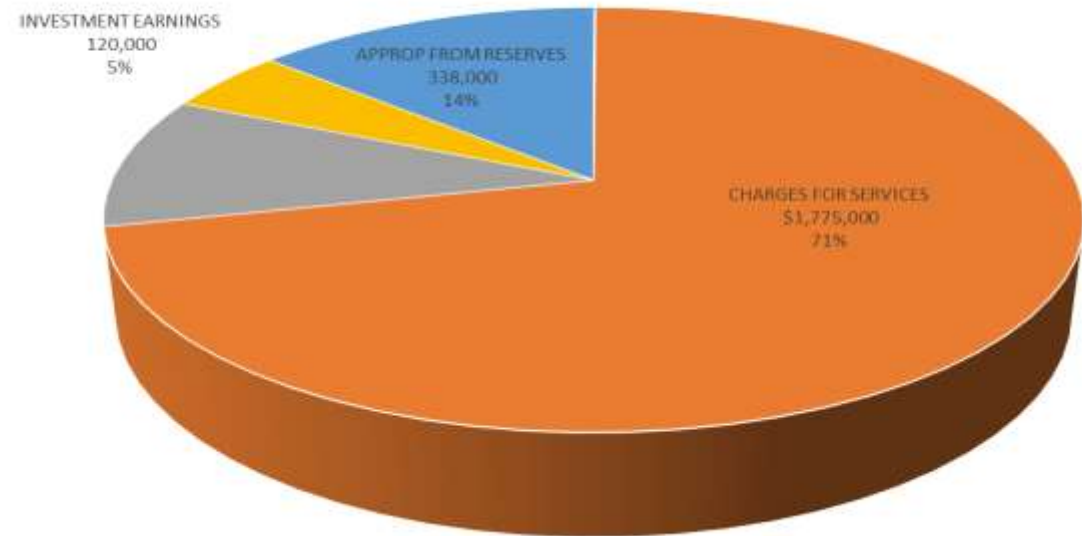
FY	Cycle	Months	Kgal	Amount	MoM %Δ	
2022	1	Oct/Nov	37,839	\$72,879		
2022	2	Dec/Jan	38,244	\$79,336	9%	Actual
2022	3	Feb/Mar	41,006	\$83,798	6%	Actual
2022	4	Apr/May	46,134	\$89,379	7%	Actual
2022	5	Jun/Jul	38,852	\$71,778	-20%	Actual
2022	6	Aug/Sept	49,291	\$91,661	28%	Actual
			<u>251,366</u>	<u>\$488,831</u>		
2023	1	Oct/Nov	47,491	\$103,715	13%	Actual
2023	2	Dec/Jan	50,653	\$117,215	13%	Actual
2023	3	Feb/Mar	53,764	\$123,510	5%	Actual
2023	4	Apr/May	50,855	\$114,817	-7%	Actual
2023	5	Jun/Jul	42,785	\$98,021	-15%	Actual
2023	6	Aug/Sept		\$112,724	15%	Est
			<u>245,548</u>	<u>\$670,002</u>		
2024				\$723,602	8%	Est
Anticipated Revenue Increase				<u>\$53,600</u>		



Proposed FY2024 Sewer Fund (Revenues)

- Overall increase in revenues by 32.3% (primarily due to increase in available grant funds for Capital Projects).
- The preliminary Budget assumed an 8% rate increase (adds \$130K in revenue) based on 5-year forecast

	A	B	C	C-A	(C-A) / A
REVENUE SOURCE	Budget 2023	Est. Actuals 2023	Proposed 2024	Budget to Budget \$ Chng	Budget to Budget % Chng
CHARGES FOR SERVICES	\$1,524,334	\$1,645,417	\$1,775,000	\$ 250,666	16.4%
GRANTS	-	-	250,000	250,000	100.0%
INVESTMENT EARNINGS	21,000	101,503	120,000	99,000	471.4%
APPROP FROM RESERVES	331,269	-	338,000	6,731	2.0%
Total	<u>\$1,876,603</u>	<u>\$1,746,920</u>	<u>\$2,483,000</u>	<u>\$ 606,397</u>	32.3%



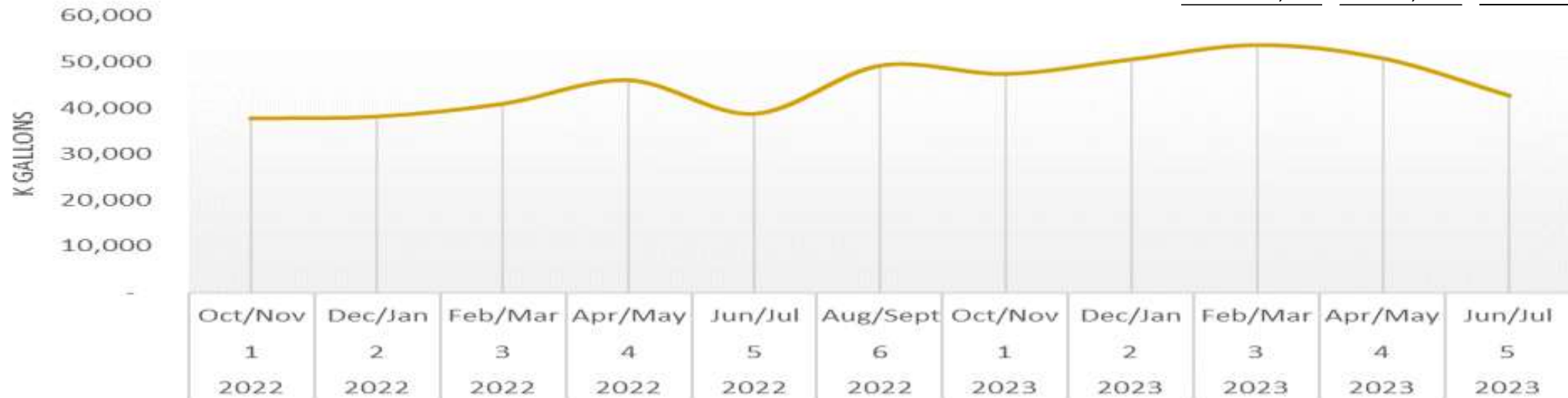


Proposed FY2024 Sewer Fund (Revenue Data)

- Compared to the prior year (FY2022), Sewer Treatment is up by 22% through the first 5 cycles of FY2023. Nearly identical to water,

FY	Cycle	Months	Kgal	CY vs PY Mo Δ	Total To C5	% Δ
2022	1	Oct/Nov	37,839			
2022	2	Dec/Jan	38,244			
2022	3	Feb/Mar	41,006			
2022	4	Apr/May	46,134			
2022	5	Jun/Jul	38,852		202,075	
2022	6	Aug/Sept	49,291			
2023	1	Oct/Nov	47,491	9,652		
2023	2	Dec/Jan	50,653	12,409		
2023	3	Feb/Mar	53,764	12,758		
2023	4	Apr/May	50,855	4,721		
2023	5	Jun/Jul	42,785	3,933	245,548	
				43,473	43,473	22%

Sewer Treatment





Proposed FY2024 Sewer Fund (Expenditures)

- Increase in Operating Expense based on contract with Delray for Sewer Treatment and general inflationary price increases.
- Increase in CapX expenditures as a result of additional Grant Funds.

	A	B	C		C-A	(C-A) / A
EXPENDITURES BY CATEGORY	Budget 2023	Est. Actuals 2023	Proposed 2024	% of Total	Budget to Budget \$ Chng	Budget to Budget % Chng
OPERATING EXPENSES	\$ 1,431,603	\$ 1,081,000	\$ 1,563,000	63%	\$ 131,397	9.2%
CAPITAL OUTLAY	225,000	225,000	700,000	28%	475,000	211.1%
TRANSFERS	220,000	220,000	220,000	9%	-	0.0%
Total	\$ 1,876,603	\$ 1,526,000	\$ 2,483,000	100%	\$ 606,397	32.3%





Proposed FY2024 Sewer Fund Balance

- Healthy Fund Balance
- Transfers portion of ARPA Fund to GF for Fire Rescue
- 287 days cash in Unrestricted Fund Balance

Fund Balance	Estimate
Beginning Balance	\$ 2,654,554
Less: Transfer to GF	(925,518)
Surplus/(Deficit)	165,370
Ending Balance	<u>\$ 1,894,406</u>



Questions