



TOWN OF HIGHLAND BEACH

AGENDA MEMORANDUM

MEETING TYPE: Financial Advisory Board Meeting

MEETING DATE *January 26, 2023*

SUBMITTED BY: Natasha Moore, Vice Mayor - Commissioner

SUBJECT: Water and Sewer 10/1/2023 Billing Rate Review

SUMMARY:

The purpose of this item is to continue the analysis for the next change in water and sewer billing rates to be effective 10/1/2023. The presentation will focus on the next five pages, such as

- Highland Beach Water and Sewer Revenue Rate Changes
- Water Fund Five Year Budget Forecast with 8% Rate Changes
- Sewer Fund Five Year Budget Forecast with 8% Rate Changes
- Water Fund Five Year Budget Forecast with 10% Rate Changes
- Sewer Fund Five Year Budget Forecast with 10% Rate Changes

The remaining pages are additional details to provide support for the analysis and answer questions that may arise.

RECOMMENDATION:

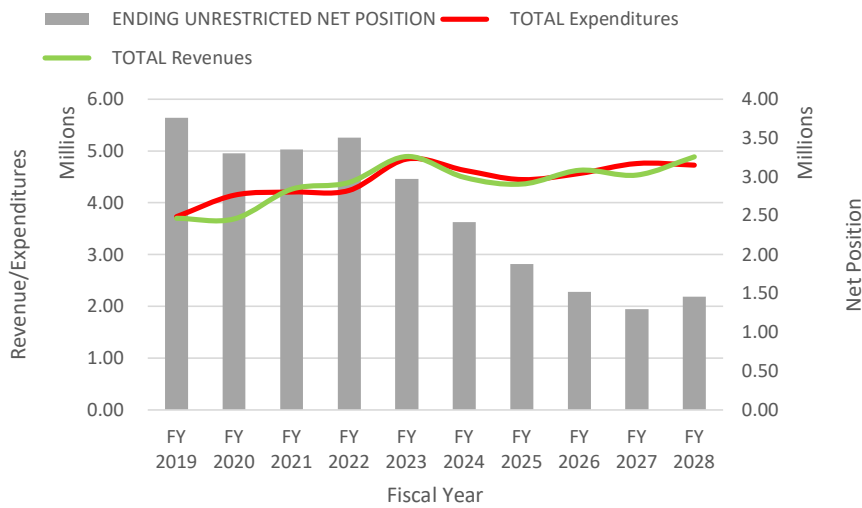
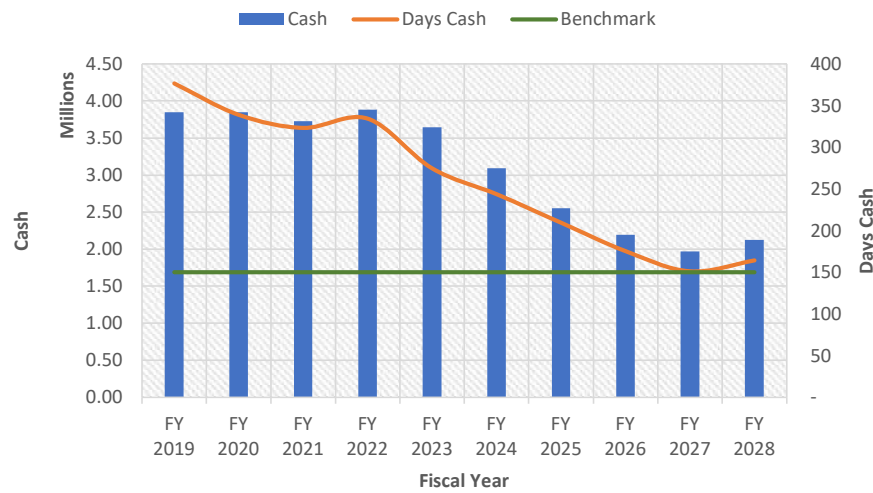
Review the results of the budget forecasts for the Water Fund and the Sewer Fund. Make a recommendation for the 10/1/2023 rate change.

Highland Beach Water and Sewer Revenue Rate Changes

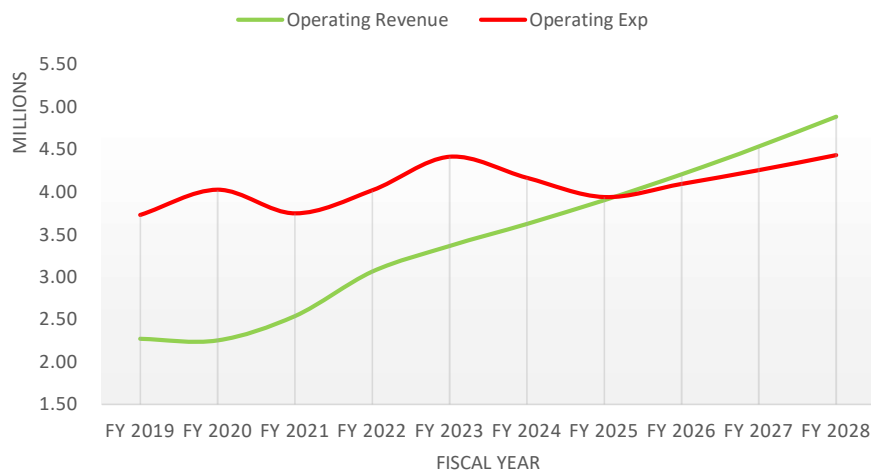
	Date	Water	Sewer
Actual	10/1/2019	2.5%	2.5%
Actual	10/1/2020	3.0%	3.0%
Actual	4/1/2021	10.5%	16.5%
Actual	10/1/2021	11.0%	13.0%
Actual	10/1/2022	10.0%	12.0%
Proposed	10/1/2023	8.0%	8.0%
Alternative	10/1/2023	10.0%	10.0%
Raftelis	10/1/2023	5.0%	5.0%

		4/1/2021	10/1/2021	10/1/2022
Water	base charge	40.00	44.40	48.84
	Usage			
	10 tier1	2.13	2.36	2.60
	20 tier2	2.88	3.20	3.52
	55 tier3	4.47	4.96	5.46
	80 tier4	6.50	7.22	7.94
	80+ tier5	8.50	9.44	10.38
Irrigation	base charge	40.00	44.40	48.84
	Usage			
	55 tier1	4.47	4.96	5.46
	80 tier2	6.50	7.22	7.94
	80+ tier3	8.50	9.44	10.38
Sewer	base charge	29.55	33.39	37.40
	Usage			
	10 tier1	2.41	2.72	3.05
	20 tier2	2.41	2.72	3.05

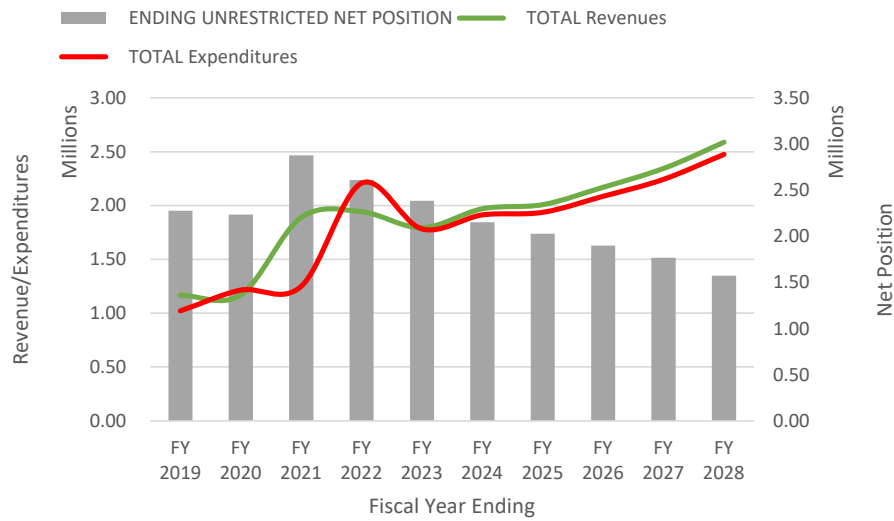
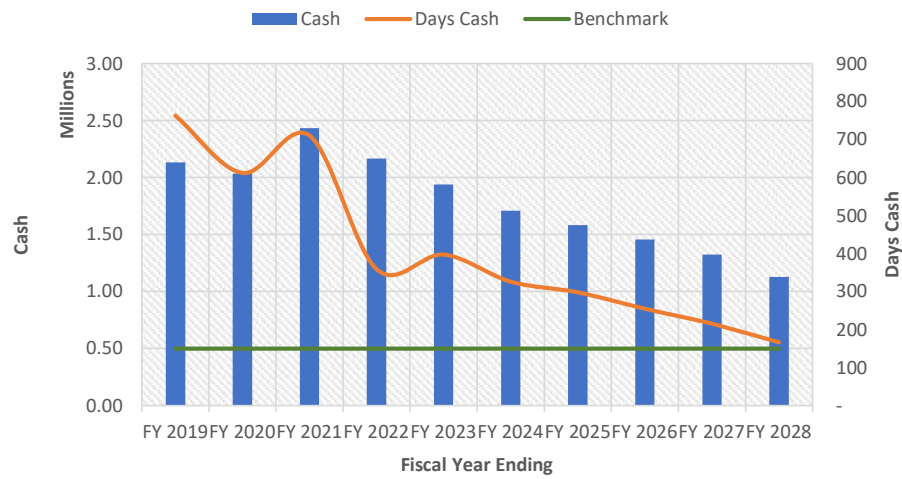
Water Fund Five Year Budget Forecast with 8% Rate Change



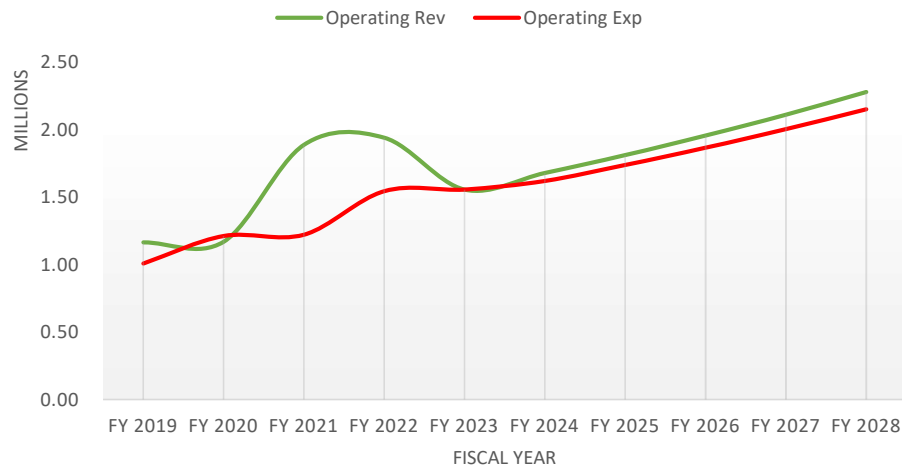
Operating Revenue and Expenses excluding Capital and Ad Valorem Tax Revenue



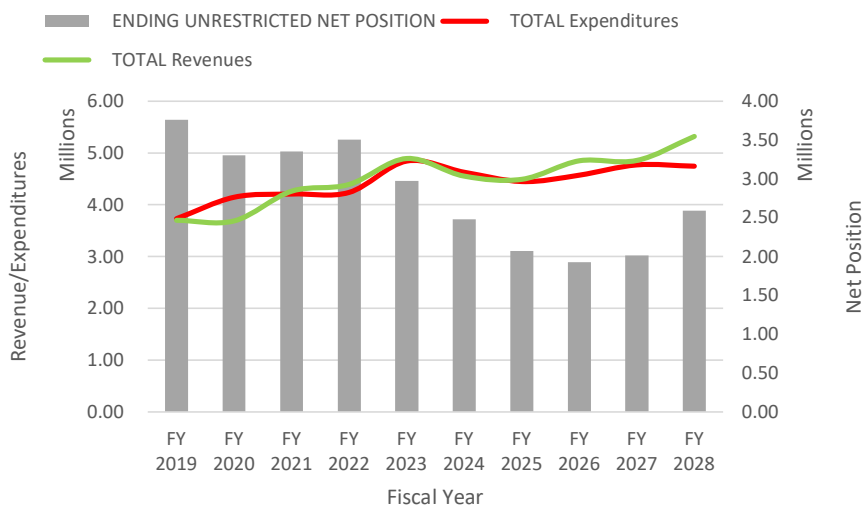
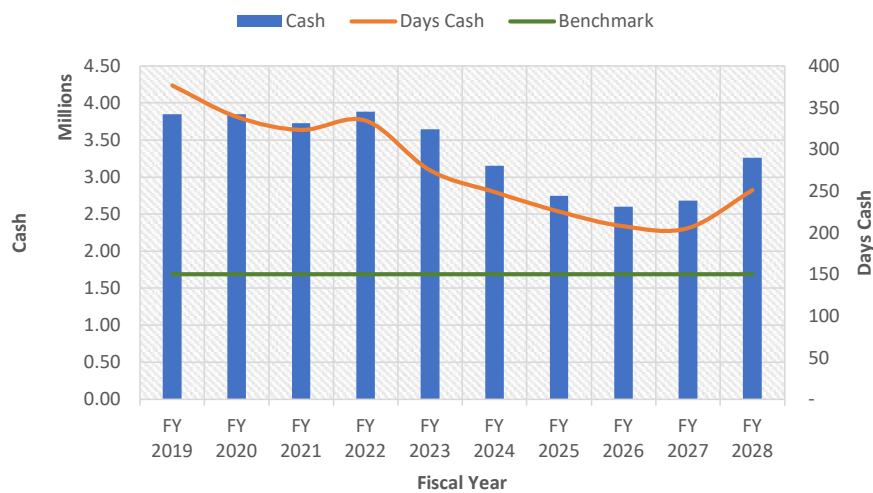
Sewer Fund Five Year Budget Forecast with 8% Rate Change



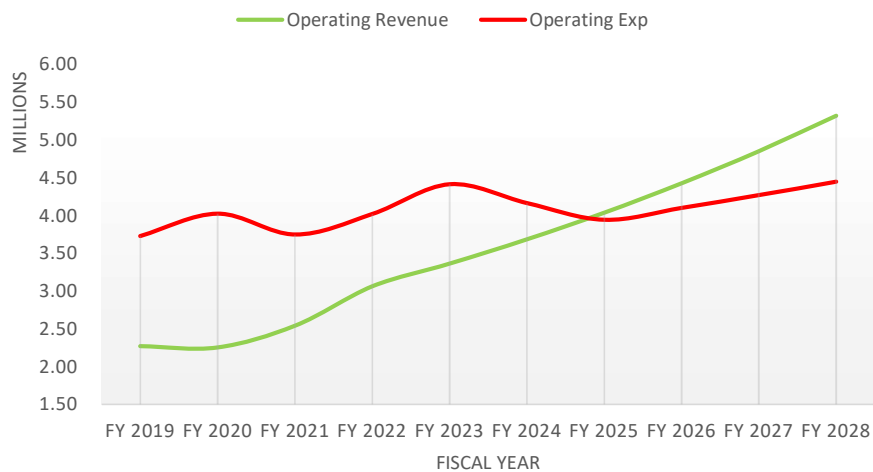
Operating Revenue & Expenses (Excluding Capital)



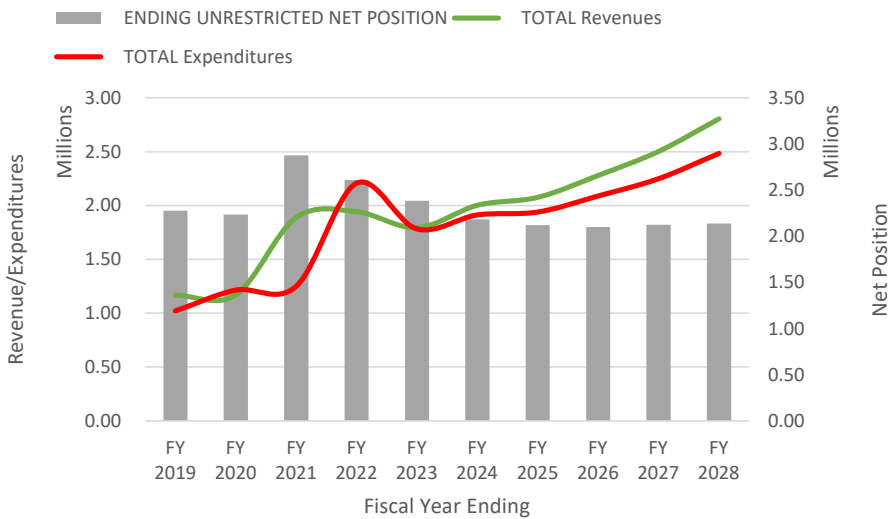
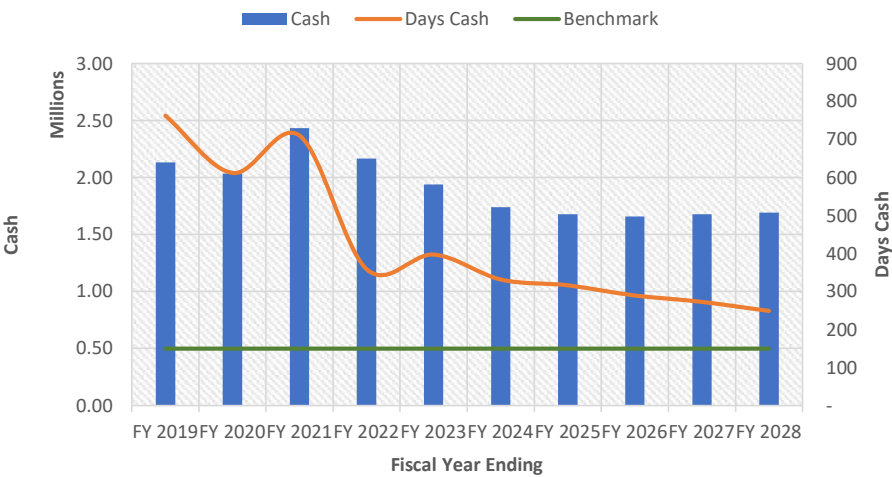
Water Fund Five Year Budget Forecast with 10% Rate Change



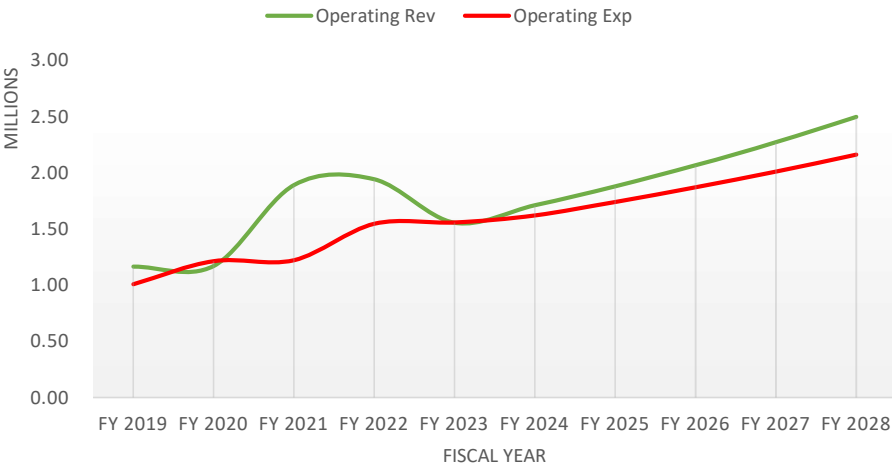
Operating Revenue and Expenses excluding Capital and Ad Valorem Tax Revenue



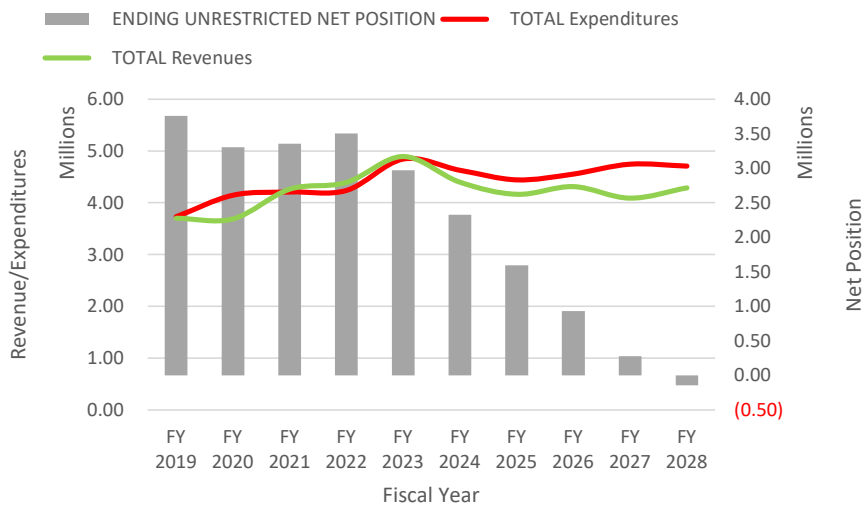
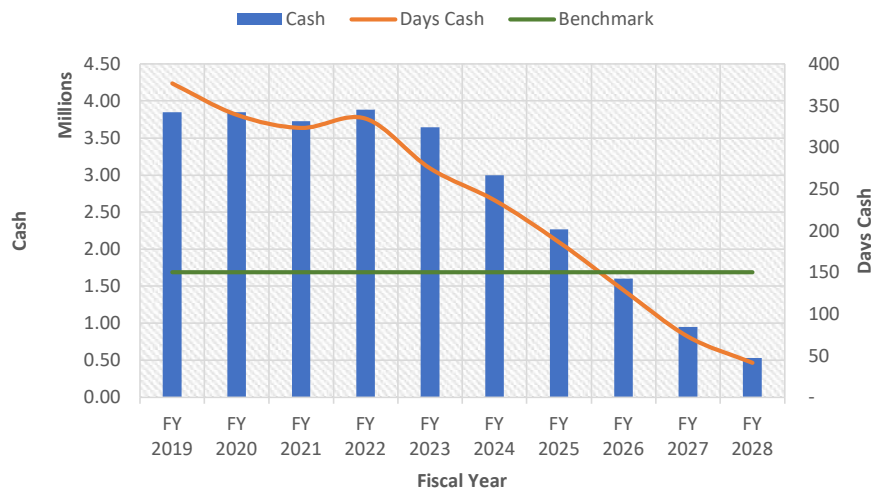
Sewer Fund Five Year Budget Forecast with 10% Rate Change



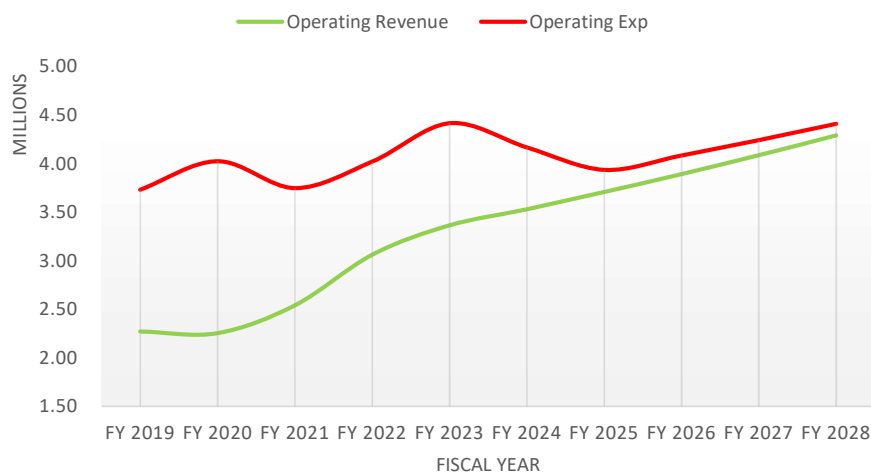
Operating Revenue & Expenses (Excluding Capital)



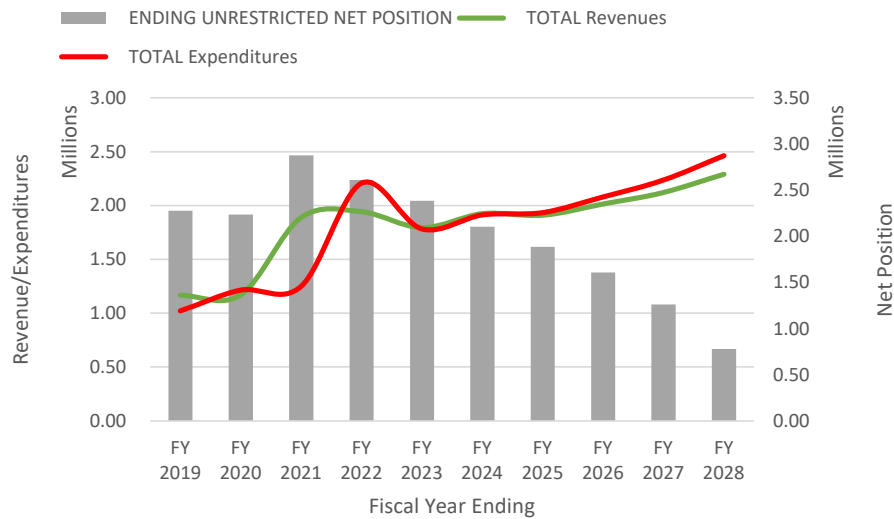
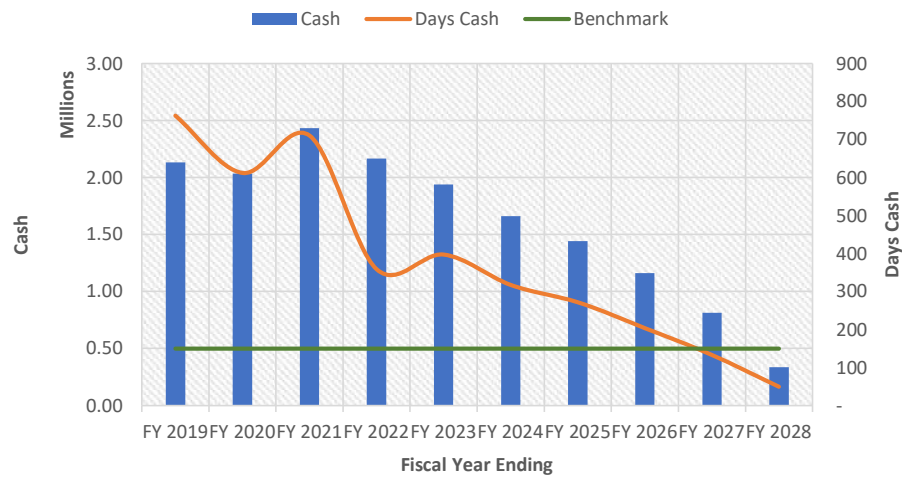
Water Fund Five Year Budget Forecast with 5% Rate Change



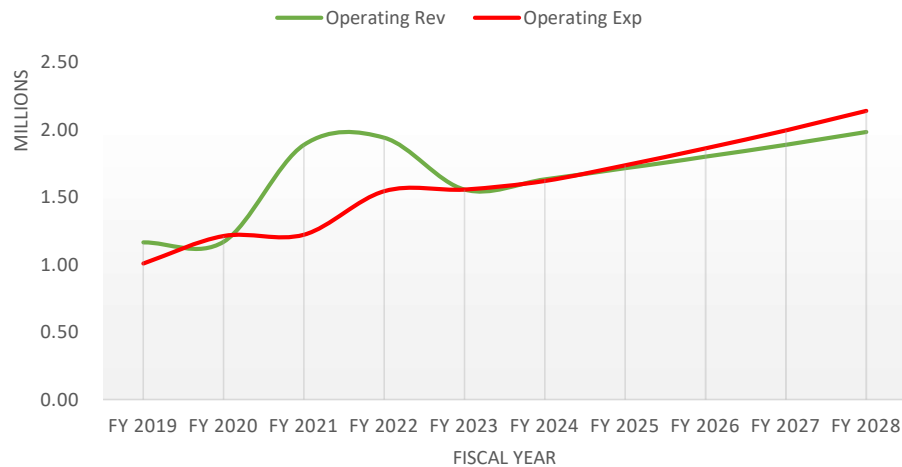
Operating Revenue and Expenses excluding Capital and Ad Valorem Tax Revenue



Sewer Fund Five Year Budget Forecast with 5% Rate Change



Operating Revenue & Expenses (Excluding Capital)



Summary of Water and Sewer Bills **COMBINED**, by Fiscal Year

FY 2022		A	B	FY 2022		C	D	E
Type	Billed Amt	Share of Billed Amt	Percent Chg in Billed Amt from Prior Yr	Type	Usage in 1,000 Gallons	Share of Usage by Type	Billed Amt/Usage	Percent Chg in Usage from Prior Yr
Condo	2,968,023.77	71%	6%	Condo	195,802	57%	15.2	-11%
Single family	1,025,266.18	25%	30%	Single family	125,738	37%	8.2	25%
Church	17,199.83	0%	8%	Church	1,981	1%	8.7	9%
Commercial	122,680.60	3%	87%	Commercial	12,418	4%	9.9	302%
Governmental	51,481.97	1%	74%	Governmental	6,039	2%	8.5	43%
Total	4,184,652.35	100%	13%	Total	341,978	100%	12.2	4%

Impacted by 10/1/2021 Water Rate Change of +11% and Sewer Rate Change of +13%
Forecasted revenue increase was +11.7%

FY 2021		F	G	FY 2021		H	I
Type	Billed Amt	Share of Billed Amt	Percent Chg in Billed Amt from Prior Yr	Type	Usage in 1,000 Gallons	Share of Usage by Type	Billed Amt/Usage
Condo	2,797,953.58	76%	19%	Condo	220,537	67%	12.7
Single family	785,784.85	21%	20%	Single family	100,579	30%	7.8
Church	15,969.59	0%	34%	Church	1,811	1%	8.8
Commercial	65,596.46	2%	-9%	Commercial	3,088	1%	21.2
Governmental	29,572.48	1%	27%	Governmental	4,235	1%	7.0
Total	3,694,876.96	100%	19%	Total	330,249	100%	11.2

Impacted by 10/1/2020 Water & Sewer change of +3% plus 4/1/2021 (mid year) Water of +10.5% and Sewer of +16.5%
Forecasted revenue increase was +9.5%

FY 2020		
Type	Billed Amt	Share of Billed Amt
Condo	2,344,553.94	76%
Single family	652,567.38	21%
Church	11,938.50	0%
Commercial	72,070.58	2%
Governmental	23,322.05	1%
Total	3,104,452.45	100%

Water Fund Five Year Budget Forecast with 8% Rate Change

DESCRIPTION	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Basis	Forecasted Percentage Change				
Revenues	Actual	Actual	Actual	Estimate	Budget / Forecast	Forecast	Forecast	Forecast	Forecast	Forecast		FY 2024	FY 2025	FY 2026	FY 2027	FY 2028
ARPA FEDERAL GRANT FUNDS			287,240	287,241	0	0	0	0	0	0						
WATER UTILITY REVENUE	2,014,193	2,036,762	2,336,579	2,321,941	2,554,135	2,758,466	2,979,143	3,217,475	3,474,873	3,752,862	Pct	8%	8%	8%	8%	8%
FIRE HYDRANT- MAINTENAN	30,720	25,920	30,720	31,000	31,000	32,550	34,178	35,886	37,681	39,565	Pct					
IRRIGATION UTILITY REVENUE				481,718	529,890	572,281	618,063	667,509	720,909	778,582	Pct	8%	8%	8%	8%	8%
INTEREST ON INVESTMENTS	84,797	30,286	2,114	8,000	29,000	29,870	30,766	31,689	32,640	33,619	+3%/Yr					
DISPOSITION OF FIXED ASSETS		(8,859)	16,251	0												
ADMINISTRATIVE REIMBUSE	140,000	147,000	154,350	220,000	220,000	231,000	242,550	254,678	267,411	280,782	Fixed from SF					
INSURANCE REIMBURSEMEN	2,965	24,471	2,292	0												
OTHER MISCELLANEOUS REV	289				0	0	0	0	0	0						
TRANSFER FROM GENERAL F	1,429,500	1,430,004	1,430,003	1,039,445	945,519	451,753	0	0	0	0	Plan					Ad Valorem Tax Revenue
APPROP FROM RESERVE - PRIOR CONNEC FEES					296,880											
APPROPRIATION FROM RESERVE					285,766	412,500	453,750	420,778	0		Match to Capital Plan					
APPROPRIATION FROM R & R																
TOTAL Revenues	3,702,464	3,685,584	4,259,549	4,389,065	4,892,190	4,488,420	4,358,450	4,628,014	4,533,514	4,885,410						
YoY % Chng		-0.5%	15.6%	3.0%	11.5%	-8.3%	-2.9%	6.2%	-2.0%	7.8%						
Expenditures																
REGULAR SALARIES & WAGE	575,386	595,038	602,700	621,000	692,860	727,503	763,878	802,072	842,176	884,284	+5%/Yr					5%
BONUS				0	18,200	0	0	0	0	0						
OVERTIME	39,812	35,611	38,355	45,000	42,259	41,820	42,656	43,510	44,380	45,267	Avg \$41K + %					2%
SHIFT DIFFERENTIAL PAY	6,039	7,542	10,574	14,000	8,986	9,180	9,364	9,551	9,742	9,937	Avg \$9K + %					2%
EDUCATION INCENTIVE PAY	8,000	4,231	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	Fixed					
FICA TAXES	50,125	39,022	47,798	54,880	57,383	62,760	65,752	68,891	72,184	75,639	Ratio to Salaries					8%
BONUS FICA TAXES				0	1,400	0	0	0	0	0						
RETIREMENT CONTRIBUTION	137,404	209,300	86,383	95,000	113,255	116,653	120,152	123,757	127,470	131,294	+3%/yr					3%
BONUS RETIREMENT CONTRIBUTION				0	2,800	0	0	0	0	0						
OPEB EXPENSE	(3,225)	7,339	(516)	0	0	0	0	0	0	0						
HEALTH INSURANCE/ALLOW	162,333	156,497	149,229	147,000	170,682	187,750	206,525	227,178	249,896	274,885	+10%/Yr					10%
WORKERS' COMPENSATION	35,000	28,435	33,920	6,000	16,933	18,626	20,489	22,538	24,792	27,271	+10%/Yr					10%
COMPENSATED ABSENCES	7,430	8,028	23,081	15,000		0	0	0	0	0						
PROFESSIONAL FEES	21,705	3,406	70,061	50,000	50,000	52,500	55,125	57,881	60,775	63,814	+10%/Yr					5%
OTHER CONTRACTUAL SERV	10,390	124,375	69,224	24,000	41,000	45,100	45,100	45,100	45,100	45,100	+10%/Yr					10%
TRAVEL AND PER DIEM	1,571		1,377	1,600	3,745	3,932	4,129	4,335	4,552	4,780	+5%/Yr					5%
TRAINING & DEVELOPMENT	2,955	2,349	335	2,400	2,700	2,835	2,977	3,126	3,282	3,446	+5%/Yr					5%
COMMUNICATIONS	1,714	3,062	3,344	3,500	0	0	0	0	0	0						
POSTAGE & FREIGHT	88	53	336	105	300	315	331	347	365	383	+5%/Yr					5%
UTILITY SERVICES	222,292	204,732	227,876	285,000	315,988	338,107	361,775	387,099	414,196	443,190	+7%/Yr					7%
INSURANCE & BONDS	106,419	137,979	100,262	150,000	130,997	144,097	158,506	174,357	191,793	210,972	+10%/Yr					10%
REPAIRS & MAINTENANCE- C	207,148	59,373	103,103	65,000	125,000	131,250	137,813	144,703	151,938	159,535	+10%/Yr					5%
REPAIRS & MAINTENANCE- V	1,831	4,115	730	2,000	2,500	2,875	3,306	3,802	4,373	5,028	+15%/Yr					15%
RENEWALS & REPLACEMENT	110,437	188,172	17,570	90,000	140,000	155,751	168,165	181,569	196,043	211,673	5% PY Rev					5%
OTH CURR CHG-LICENSE & P	4,275	4,275	4,975	5,000	5,450	5,723	6,009	6,309	6,625	6,956	+5%/Yr					5%
ADMINISTRATIVE CHARGES	298,550	327,870	325,433	550,000	550,000	550,000	550,000	550,000	550,000	550,000	Fixed					0%
OPERATING SUPPLIES	124,679	207,557	197,282	210,000	325,000	341,250	358,313	376,228	395,040	414,792	+5%/Yr					5%
UNIFORMS	5,277	4,549	9,313	6,000	6,000	6,300	6,615	6,946	7,293	7,658	+5%/Yr					5%
OPERATING SUPPLIES- SAFE	1,213	873	1,846	1,700	3,500	3,675	3,859	4,052	4,254	4,467	+5%/Yr					5%
OPERATING SUPPLIES-GASO	28,640	5,627	3,620	3,000	4,321	4,753	5,228	5,751	6,326	6,959	+10%/Yr					10%
BOOKS,DUES,EDUCATION,SU	1,024	2,603	1,888	2,000	3,000	3,150	3,308	3,473	3,647	3,829	+5%/Yr					5%
BUILDINGS	0	118,203	88,692	10,000	50,000	50,000	50,000	50,000	50,000	50,000	Fixed					0%
IMPROVEMENTS OTHER THA	0	1,969	333,568	190,000	0	412,500	453,750	420,778	450,232	244,580	Cap Plan or % PYF					5%
MACHINERY AND EQUIPMENT		400	37,420	16,000	378,689						Cap Plan					
PRINCIPAL-DWSRF502901 R	635,758	654,146	673,069	692,540	712,602	363,989	0	0	0	0	Set by Sch					DW502901
PRINCIPAL-R.O. EXPANSION	211,436	218,767	226,353	234,869	242,981	251,408	260,126	269,147	278,481	288,139	Set by Sch					RO Exp BOA
PRINCIPAL-DWSRF500201 A	38,443	39,453	40,490	41,554	42,645	43,765	44,915	46,095	47,306	48,549	Set by Sch					DW500201
PRINCIPAL-DWSRF500200 A	142,711	146,764	150,932	155,219	159,627	164,160	168,822	173,616	178,547	183,617	Set by Sch					DW500200
SRF LOAN PRINCIPAL- WIIP 2	210,273	212,563	215,078	217,624	220,199	222,805	225,442	228,110	230,810	233,541	Set by Sch					DW500210
INTEREST- DWSRF502901 R	102,665	84,277	64,561	45,884	25,822	5,223	0	0	0	0	Set by Sch					DW502901
INTEREST-R.O. EXPANSION	85,442	78,113	62,498	62,016	53,868	45,441	36,723	27,702	18,368	8,710	Set by Sch					RO Exp BOA
INTEREST-DWSRF500201 A	13,693	12,683	11,603	10,583	9,491	8,371	7,221	6,041	4,830	3,587	Set by Sch					DW500201
INTEREST-DWSRF500200 AR	55,599	51,547	47,205	43,092	38,684	34,151	29,489	24,695	19,764	14,694	Set by Sch					DW500200
SRF LOAN INTERST- WIIP 20	53,200	50,910	48,905	45,849	43,273	40,667	38,031	35,363	32,663	29,931	Set by Sch					DW500210
RESERVE FOR CONTINGENCY	13,198	104,395	72,045	15,000	25,000	25,000	25,000	25,000	25,000	25,000	Fixed					
TOTAL Expenditures	3,730,930	4,146,203	4,208,518	4,235,415	4,843,140	4,629,385	4,444,892	4,565,121	4,758,240	4,727,505						
YoY % Chng total		11.1%	1.5%	0.6%	14.3%	-4.4%	-4.0%	2.7%	4.2%	-0.6%						
NET OF REVENUES/APPRO	(28,466)	(460,619)	51,031	153,650	49,050	(140,965)	(86,442)	62,893	(224,726)	157,905						
BEGINNING UNRESTRICTED	3,789,988	3,761,522	3,300,903	3,351,934	2,922,938	2,559,488	1,964,772	1,457,553	1,520,446	1,295,720						
ENDING UNRESTRICTED N	3,761,522	3,300,903	3,351,934	3,505,584	2,971,988	2,418,522	1,878,331	1,520,446	1,295,720	1,453,625						

Sewer Fund Five Year Budget Forecast with 8% Rate Change

DESCRIPTION	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Basis	Percentage Change				
	Actual	Actual	Actual	Estimate	Budget / Forecast	Forecast	Forecast	Forecast	Forecast	Forecast						
Revenues																
ARPA FEDERAL GRANT FUNDS			693,431	565,675	0	0	0	0	0	0						
SEWER UTILITIES REVENUE	1,128,148	1,155,248	1,188,036	1,370,646	1,535,124	1,657,933	1,790,568	1,933,814	2,088,519	2,255,600	Rate plan	8%	8%	8%	8%	8%
INTEREST ON INVESTMENTS	37,590	15,708	893	5,000	21,000	21,630	22,279	22,947	23,636	24,345	+3%/Yr	3%				
DISPOSITION OF FIXED ASSETS			7,350													
INSURANCE REIMBURSEMENTS	35															
APPROPRIATION FROM RESERVE					237,358	290,898	195,833	213,163	231,323	306,805	Match to Capital Plan					
APPROPRIATION FROM R & R																
	1,165,773	1,170,956	1,889,710	1,941,321	1,793,482	1,970,461	2,008,680	2,169,924	2,343,477	2,586,750						
TOTAL Revenues	1,165,773	1,170,956	1,889,710	1,941,321	1,793,482	1,970,461	2,008,680	2,169,924	2,343,477	2,586,750						
YoY % Chng		0.4%	61.4%	2.7%	-7.6%	9.9%	1.9%	8.0%	8.0%	10.4%						
Expenditures																
PROFESSIONAL FEES	25,617	37,829	38,730	150,848	90,000	73,500	77,175	81,034	85,085	89,340	Avg \$70K + 5%	5%				
OTHER CONTRACTUAL SERVICES	1,175	14,449	39,621	19,000	25,000	27,500	30,250	33,275	36,603	40,263	10%/Yr	10%				
UTILITY SERVICES	32,805	30,227	30,526	40,000	38,750	42,625	46,888	51,576	56,734	62,407	10%/Yr	10%				
SEWAGE TREATMENT-CITY OF DELRA	618,185	799,975	920,150	900,000	985,000	1,063,800	1,148,904	1,240,816	1,340,082	1,447,288	8%/Yr	8%				
INSURANCE & BONDS		4,998	3,613	9,000	2,942	3,236	3,560	3,916	4,307	4,738	10%/Yr	10%				
REPAIRS & MAINTENANCE- GENERAL	75,822	162,443	12,374	60,000	50,000	75,600	79,380	83,349	87,516	91,892	Avg \$72K + 5%	5%				
RENEWALS & REPLACEMENTS	96,698	13,292	21,920	120,675	120,000	76,756	82,897	89,528	96,691	104,426	5% PY Rev	5%				
ADMINISTATIVE CHARGES	140,000	147,000	154,350	220,000	220,000	231,000	242,550	254,678	267,411	280,782	Fixed to WF					
OPERATING SUPPLIES	327	3,188	952	1,000	1,000	2,000	3,000	4,000	5,000	6,000	+1K/Yr	1,000				
BUILDINGS	6,084															
IMPROVEMENTS OTHER THAN BLDG.	7,141		24,480	661,000	225,000	290,898	197,465	217,309	239,148	322,537	Capital Plan Tab					
MACHINERY AND EQUIPMENT			2,970													
RESERVE FOR CONTINGENCY	17,174			25,000	25,000	25,000	25,000	25,000	25,000	25,000	Fixed					
	1,021,028	1,213,401	1,249,686	2,206,523	1,782,692	1,911,916	1,937,068	2,084,481	2,243,577	2,474,673						
TOTAL Expenditures	1,021,028	1,213,401	1,249,686	2,206,523	1,782,692	1,911,916	1,937,068	2,084,481	2,243,577	2,474,673						
YoY % Chng		18.8%	3.0%	76.6%	-19.2%	7.2%	1.3%	7.6%	7.6%	10.3%						
NET OF REVENUES/APPROPRIATION	144,745	(42,445)	640,024	(265,202)	10,790	58,546	71,612	85,442	99,900	112,077						
BEGINNING UNRESTRICTED NET POS	2,133,349	2,278,094	2,235,649	2,875,673	2,373,113	2,093,005	1,955,717	1,814,166	1,668,286	1,461,381						
ENDING UNRESTRICTED NET POSITIC	2,278,094	2,235,649	2,875,673	2,610,471	2,383,903	2,151,550	2,027,329	1,899,609	1,768,186	1,573,458						

Water Fund Five Year Budget Forecast with 10% Rate Change

DESCRIPTION	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Basis	Forecasted Percentage Change				
Revenues	Actual	Actual	Actual	Estimate	Budget / Forecast	Forecast	Forecast	Forecast	Forecast	Forecast		FY 2024	FY 2025	FY 2026	FY 2027	FY 2028
ARPA FEDERAL GRANT FUNDS			287,240	287,241	0	0	0	0	0	0						
WATER UTILITY REVENUE	2,014,193	2,036,762	2,336,579	2,321,941	2,554,135	2,809,549	3,090,503	3,399,554	3,739,509	4,113,460	Pct	10%	10%	10%	10%	10%
FIRE HYDRANT- MAINTENAN	30,720	25,920	30,720	31,000	31,000	32,550	34,178	35,886	37,681	39,565	Pct	5%				
IRRIGATION UTILITY REVENUE				481,718	529,890	582,879	641,167	705,283	775,812	853,393	Pct	10%	10%	10%	10%	10%
INTEREST ON INVESTMENTS	84,797	30,286	2,114	8,000	29,000	29,870	30,766	31,689	32,640	33,619	+3%/Yr	3%				
DISPOSITION OF FIXED ASSETS		(8,859)	16,251	0												
ADMINISTRATIVE REIMBUSE	140,000	147,000	154,350	220,000	220,000	231,000	242,550	254,678	267,411	280,782	Fixed from SF	5%				
INSURANCE REIMBURSEMEN	2,965	24,471	2,292	0												
OTHER MISCELLANEOUS REV	289			0		0	0	0	0	0						
TRANSFER FROM GENERAL F	1,429,500	1,430,004	1,430,003	1,039,445	945,519	451,753	0	0	0	0	Plan					Ad Valorem Tax Revenue
APPROP FROM RESERVE - PRIOR CONNEC FEES					296,880											
APPROPRIATION FROM RESERVE					285,766	412,500	453,750	420,778	0		Match to Capital Plan					
APPROPRIATION FROM R & R																
TOTAL Revenues	3,702,464	3,685,584	4,259,549	4,389,065	4,892,190	4,550,100	4,492,914	4,847,868	4,853,053	5,320,819						
YoY % Chng		-0.5%	15.6%	3.0%	11.5%	-7.0%	-1.3%	7.9%	0.1%	9.6%						
Expenditures																
REGULAR SALARIES & WAGE	575,386	595,038	602,700	621,000	692,860	727,503	763,878	802,072	842,176	884,284	+5%/Yr	5%				
BONUS				0	18,200	0	0	0	0	0						
OVERTIME	39,812	35,611	38,355	45,000	42,259	41,820	42,656	43,510	44,380	45,267	Avg \$41K + %	2%				
SHIFT DIFFERENTIAL PAY	6,039	7,542	10,574	14,000	8,986	9,180	9,364	9,551	9,742	9,937	Avg \$9K + %	2%				
EDUCATION INCENTIVE PAY	8,000	4,231	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	Fixed					
FICA TAXES	50,125	39,022	47,798	54,880	57,383	62,760	65,752	68,891	72,184	75,639	Ratio to Salaries	8%				
BONUS FICA TAXES				0	1,400	0	0	0	0	0						
RETIREMENT CONTRIBUTION	137,404	209,300	86,383	95,000	113,255	116,653	120,152	123,757	127,470	131,294	+3%/yr	3%				
BONUS RETIREMENT CONTRIBUTION				0	2,800	0	0	0	0	0						
OPEB EXPENSE	(3,225)	7,339	(516)	0	0	0	0	0	0	0						
HEALTH INSURANCE/ALLOW	162,333	156,497	149,229	147,000	170,682	187,750	206,525	227,178	249,896	274,885	+10%/Yr	10%				
WORKERS' COMPENSATION	35,000	28,435	33,920	6,000	16,933	18,626	20,489	22,538	24,792	27,271	+10%/Yr	10%				
COMPENSATED ABSENCES	7,430	8,028	23,081	15,000		0	0	0	0	0						
PROFESSIONAL FEES	21,705	3,406	70,061	50,000	50,000	52,500	55,125	57,881	60,775	63,814	+10%/Yr	5%				
OTHER CONTRACTUAL SERV	10,390	124,375	69,224	24,000	41,000	45,100	45,100	45,100	45,100	45,100	+10%/Yr	10%				
TRAVEL AND PER DIEM	1,571		1,377	1,600	3,745	3,932	4,129	4,335	4,552	4,780	+5%/Yr	5%				
TRAINING & DEVELOPMENT	2,955	2,349	335	2,400	2,700	2,835	2,977	3,126	3,282	3,446	+5%/Yr	5%				
COMMUNICATIONS	1,714	3,062	3,344	3,500	0	0	0	0	0	0						
POSTAGE & FREIGHT	88	53	336	105	300	315	331	347	365	383	+5%/Yr	5%				
UTILITY SERVICES	222,292	204,732	227,876	285,000	315,988	338,107	361,775	387,099	414,196	443,190	+7%/Yr	7%				
INSURANCE & BONDS	106,419	137,979	100,262	150,000	130,997	144,097	158,506	174,357	191,793	210,972	+10%/Yr	10%				
REPAIRS & MAINTENANCE- C	207,148	59,373	103,103	65,000	125,000	131,250	137,813	144,703	151,938	159,535	+10%/Yr	5%				
REPAIRS & MAINTENANCE- V	1,831	4,115	730	2,000	2,500	2,875	3,306	3,802	4,373	5,028	+15%/Yr	15%				
RENEWALS & REPLACEMENT	110,437	188,172	17,570	90,000	140,000	155,751	171,249	188,292	207,036	227,650	5% PY Rev	5%				
OTH CURR CHG-LICENSE & P	4,275	4,275	4,975	5,000	5,450	5,723	6,009	6,309	6,625	6,956	+5%/Yr	5%				
ADMINISTRATIVE CHARGES	298,550	327,870	325,433	550,000	550,000	550,000	550,000	550,000	550,000	550,000	Fixed	0%				
OPERATING SUPPLIES	124,679	207,557	197,282	210,000	325,000	341,250	358,313	376,228	395,040	414,792	+5%/Yr	5%				
UNIFORMS	5,277	4,549	9,313	6,000	6,000	6,300	6,615	6,946	7,293	7,658	+5%/Yr	5%				
OPERATING SUPPLIES- SAFE	1,213	873	1,846	1,700	3,500	3,675	3,859	4,052	4,254	4,467	+5%/Yr	5%				
OPERATING SUPPLIES-GASO	28,640	5,627	3,620	3,000	4,321	4,753	5,228	5,751	6,326	6,959	+10%/Yr	10%				
BOOKS,DUES,EDUCATION,SU	1,024	2,603	1,888	2,000	3,000	3,150	3,308	3,473	3,647	3,829	+5%/Yr	5%				
BUILDINGS	0	118,203	88,692	10,000	50,000	50,000	50,000	50,000	50,000	50,000	Fixed	0%				
IMPROVEMENTS OTHER THA	0	1,969	333,568	190,000	0	412,500	453,750	420,778	450,232	244,580	Cap Plan or % PYF	5%				
MACHINERY AND EQUIPMENT		400	37,420	16,000	378,689						Cap Plan					
PRINCIPAL-DWSRF502901 R	635,758	654,146	673,069	692,540	712,602	363,989	0	0	0	0	Set by Sch	DW502901				
PRINCIPAL-R.O. EXPANSION	211,436	218,767	226,353	234,869	242,981	251,408	260,126	269,147	278,481	288,139	Set by Sch	RO Exp BOA				
PRINCIPAL-DWSRF500201 A	38,443	39,453	40,490	41,554	42,645	43,765	44,915	46,095	47,306	48,549	Set by Sch	DW500201				
PRINCIPAL-DWSRF500200 A	142,711	146,764	150,932	155,219	159,627	164,160	168,822	173,616	178,547	183,617	Set by Sch	DW500200				
SRF LOAN PRINCIPAL- WIIP 2	210,273	212,563	215,078	217,624	220,199	222,805	225,442	228,110	230,810	233,541	Set by Sch	DW500210				
INTEREST- DWSRF502901 RC	102,665	84,277	64,561	45,884	25,822	5,223	0	0	0	0	Set by Sch	DW502901				
INTEREST-R.O. EXPANSION	85,442	78,113	62,498	62,016	53,868	45,441	36,723	27,702	18,368	8,710	Set by Sch	RO Exp BOA				
INTEREST-DWSRF500201 A1	13,693	12,683	11,603	10,583	9,491	8,371	7,221	6,041	4,830	3,587	Set by Sch	DW500201				
INTEREST-DWSRF500200 AR	55,599	51,547	47,205	43,092	38,684	34,151	29,489	24,695	19,764	14,694	Set by Sch	DW500200				
SRF LOAN INTERST- WIIP 20	53,200	50,910	48,905	45,849	43,273	40,667	38,031	35,363	32,663	29,931	Set by Sch	DW500210				
RESERVE FOR CONTINGENCY	13,198	104,395	72,045	15,000	25,000	25,000	25,000	25,000	25,000	25,000	Fixed					
TOTAL Expenditures	3,730,930	4,146,203	4,208,518	4,235,415	4,843,140	4,629,385	4,447,976	4,571,844	4,769,232	4,743,482						
YoY % Chng total		11.1%	1.5%	0.6%	14.3%	-4.4%	-3.9%	2.8%	4.3%	-0.5%						
NET OF REVENUES/APPRO	(28,466)	(460,619)	51,031	153,650	49,050	(79,285)	44,938	276,024	83,820	577,336						
BEGINNING UNRESTRICTED	3,789,988	3,761,522	3,300,903	3,351,934	2,922,938	2,559,488	2,026,453	1,650,613	1,926,637	2,010,457						
ENDING UNRESTRICTED N	3,761,522	3,300,903	3,351,934	3,505,584	2,971,988	2,480,203	2,071,390	1,926,637	2,010,457	2,587,794						

Sewer Fund Five Year Budget Forecast with 10% Rate Change

DESCRIPTION	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Basis	Percentage Change				
	Actual	Actual	Actual	Estimate	Budget / Forecast	Forecast	Forecast	Forecast	Forecast	Forecast						
Revenues																
ARPA FEDERAL GRANT FUNDS			693,431	565,675	0	0	0	0	0	0						
SEWER UTILITIES REVENUE	1,128,148	1,155,248	1,188,036	1,370,646	1,535,124	1,688,636	1,857,499	2,043,249	2,247,574	2,472,332	Rate plan	10%	10%	10%	10%	10%
INTEREST ON INVESTMENTS	37,590	15,708	893	5,000	21,000	21,630	22,279	22,947	23,636	24,345	+3%/Yr	3%				
DISPOSITION OF FIXED ASSETS			7,350													
INSURANCE REIMBURSEMENTS	35															
APPROPRIATION FROM RESERVE					237,358	290,898	195,833	213,163	231,323	306,805	Match to Capital Plan					
APPROPRIATION FROM R & R																
	1,165,773	1,170,956	1,889,710	1,941,321	1,793,482	2,001,164	2,075,611	2,279,360	2,502,533	2,803,482						
TOTAL Revenues	1,165,773	1,170,956	1,889,710	1,941,321	1,793,482	2,001,164	2,075,611	2,279,360	2,502,533	2,803,482						
YoY % Chng		0.4%	61.4%	2.7%	-7.6%	11.6%	3.7%	9.8%	9.8%	12.0%						
Expenditures																
PROFESSIONAL FEES	25,617	37,829	38,730	150,848	90,000	73,500	77,175	81,034	85,085	89,340	Avg \$70K + 5%	5%				
OTHER CONTRACTUAL SERVICES	1,175	14,449	39,621	19,000	25,000	27,500	30,250	33,275	36,603	40,263	10%/Yr	10%				
UTILITY SERVICES	32,805	30,227	30,526	40,000	38,750	42,625	46,888	51,576	56,734	62,407	10%/Yr	10%				
SEWAGE TREATMENT-CITY OF DELRA	618,185	799,975	920,150	900,000	985,000	1,063,800	1,148,904	1,240,816	1,340,082	1,447,288	8%/Yr	8%				
INSURANCE & BONDS		4,998	3,613	9,000	2,942	3,236	3,560	3,916	4,307	4,738	10%/Yr	10%				
REPAIRS & MAINTENANCE- GENERAL	75,822	162,443	12,374	60,000	50,000	75,600	79,380	83,349	87,516	91,892	Avg \$72K + 5%	5%				
RENEWALS & REPLACEMENTS	96,698	13,292	21,920	120,675	120,000	76,756	84,432	92,875	102,162	112,379	5% PY Rev	5%				
ADMINISTATIVE CHARGES	140,000	147,000	154,350	220,000	220,000	231,000	242,550	254,678	267,411	280,782	Fixed to WF					
OPERATING SUPPLIES	327	3,188	952	1,000	1,000	2,000	3,000	4,000	5,000	6,000	+1K/Yr	1,000				
BUILDINGS	6,084															
IMPROVEMENTS OTHER THAN BLDG.	7,141		24,480	661,000	225,000	290,898	197,465	217,309	239,148	322,537	Capital Plan Tab					
MACHINERY AND EQUIPMENT			2,970													
RESERVE FOR CONTINGENCY	17,174			25,000	25,000	25,000	25,000	25,000	25,000	25,000	Fixed					
	1,021,028	1,213,401	1,249,686	2,206,523	1,782,692	1,911,916	1,938,603	2,087,828	2,249,049	2,482,626						
TOTAL Expenditures	1,021,028	1,213,401	1,249,686	2,206,523	1,782,692	1,911,916	1,938,603	2,087,828	2,249,049	2,482,626						
YoY % Chng		18.8%	3.0%	76.6%	-19.2%	7.2%	1.4%	7.7%	7.7%	10.4%						
NET OF REVENUES/APPROPRIATION	144,745	(42,445)	640,024	(265,202)	10,790	89,248	137,009	191,532	253,484	320,855						
BEGINNING UNRESTRICTED NET POS	2,133,349	2,278,094	2,235,649	2,875,673	2,373,113	2,093,005	1,986,420	1,910,265	1,870,474	1,817,153						
ENDING UNRESTRICTED NET POSITIC	2,278,094	2,235,649	2,875,673	2,610,471	2,383,903	2,182,253	2,123,428	2,101,797	2,123,958	2,138,009						

Water Fund Five Year Budget Forecast with 5% Rate Change

DESCRIPTION	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Basis	Forecasted Percentage Change				
Revenues	Actual	Actual	Actual	Estimate	Budget / Forecast	Forecast	Forecast	Forecast	Forecast	Forecast		FY 2024	FY 2025	FY 2026	FY 2027	FY 2028
ARPA FEDERAL GRANT FUNDS			287,240	287,241	0	0	0	0	0	0						
WATER UTILITY REVENUE	2,014,193	2,036,762	2,336,579	2,321,941	2,554,135	2,681,842	2,815,934	2,956,731	3,104,567	3,259,796	Pct	5%	5%	5%	5%	5%
FIRE HYDRANT- MAINTENAN	30,720	25,920	30,720	31,000	31,000	32,550	34,178	35,886	37,681	39,565	Pct	5%				
IRRIGATION UTILITY REVENUE				481,718	529,890	556,384	584,204	613,414	644,084	676,289	Pct	5%	5%	5%	5%	5%
INTEREST ON INVESTMENTS	84,797	30,286	2,114	8,000	29,000	29,870	30,766	31,689	32,640	33,619	+3%/Yr	3%				
DISPOSITION OF FIXED ASSETS		(8,859)	16,251	0												
ADMINISTRATIVE REIMBUSE	140,000	147,000	154,350	220,000	220,000	231,000	242,550	254,678	267,411	280,782	Fixed from SF	5%				
INSURANCE REIMBURSEMEN	2,965	24,471	2,292	0												
OTHER MISCELLANEOUS REV	289				0	0	0	0	0	0						
TRANSFER FROM GENERAL F	1,429,500	1,430,004	1,430,003	1,039,445	945,519	451,753	0	0	0	0	Plan					Ad Valorem Tax Revenue
APPROP FROM RESERVE - PRIOR CONNEC FEES					296,880											
APPROPRIATION FROM RESERVE					285,766	412,500	453,750	420,778	0		Match to Capital Plan					
APPROPRIATION FROM R & R																
TOTAL Revenues	3,702,464	3,685,584	4,259,549	4,389,065	4,892,190	4,395,899	4,161,381	4,313,175	4,086,383	4,290,050						
YoY % Chng		-0.5%	15.6%	3.0%	11.5%	-10.1%	-5.3%	3.6%	-5.3%	5.0%						
Expenditures																
REGULAR SALARIES & WAGE	575,386	595,038	602,700	621,000	692,860	727,503	763,878	802,072	842,176	884,284	+5%/Yr	5%				
BONUS				0	18,200	0	0	0	0	0						
OVERTIME	39,812	35,611	38,355	45,000	42,259	41,820	42,656	43,510	44,380	45,267	Avg \$41K + %	2%				
SHIFT DIFFERENTIAL PAY	6,039	7,542	10,574	14,000	8,986	9,180	9,364	9,551	9,742	9,937	Avg \$9K + %	2%				
EDUCATION INCENTIVE PAY	8,000	4,231	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	Fixed					
FICA TAXES	50,125	39,022	47,798	54,880	57,383	62,760	65,752	68,891	72,184	75,639	Ratio to Salaries	8%				
BONUS FICA TAXES				0	1,400	0	0	0	0	0						
RETIREMENT CONTRIBUTION	137,404	209,300	86,383	95,000	113,255	116,653	120,152	123,757	127,470	131,294	+3%/yr	3%				
BONUS RETIREMENT CONTRIBUTION				0	2,800	0	0	0	0	0						
OPEB EXPENSE	(3,225)	7,339	(516)	0	0	0	0	0	0	0						
HEALTH INSURANCE/ALLOW	162,333	156,497	149,229	147,000	170,682	187,750	206,525	227,178	249,896	274,885	+10%/Yr	10%				
WORKERS' COMPENSATION	35,000	28,435	33,920	6,000	16,933	18,626	20,489	22,538	24,792	27,271	+10%/Yr	10%				
COMPENSATED ABSENCES	7,430	8,028	23,081	15,000		0	0	0	0	0						
PROFESSIONAL FEES	21,705	3,406	70,061	50,000	50,000	52,500	55,125	57,881	60,775	63,814	+10%/Yr	5%				
OTHER CONTRACTUAL SERV	10,390	124,375	69,224	24,000	41,000	45,100	45,100	45,100	45,100	45,100	+10%/Yr	10%				
TRAVEL AND PER DIEM	1,571		1,377	1,600	3,745	3,932	4,129	4,335	4,552	4,780	+5%/Yr	5%				
TRAINING & DEVELOPMENT	2,955	2,349	335	2,400	2,700	2,835	2,977	3,126	3,282	3,446	+5%/Yr	5%				
COMMUNICATIONS	1,714	3,062	3,344	3,500	0	0	0	0	0	0						
POSTAGE & FREIGHT	88	53	336	105	300	315	331	347	365	383	+5%/Yr	5%				
UTILITY SERVICES	222,292	204,732	227,876	285,000	315,988	338,107	361,775	387,099	414,196	443,190	+7%/Yr	7%				
INSURANCE & BONDS	106,419	137,979	100,262	150,000	130,997	144,097	158,506	174,357	191,793	210,972	+10%/Yr	10%				
REPAIRS & MAINTENANCE- C	207,148	59,373	103,103	65,000	125,000	131,250	137,813	144,703	151,938	159,535	+10%/Yr	5%				
REPAIRS & MAINTENANCE- V	1,831	4,115	730	2,000	2,500	2,875	3,306	3,802	4,373	5,028	+15%/Yr	15%				
RENEWALS & REPLACEMENT	110,437	188,172	17,570	90,000	140,000	155,751	163,539	171,716	180,302	189,317	5% PY Rev	5%				
OTH CURR CHG-LICENSE & P	4,275	4,275	4,975	5,000	5,450	5,723	6,009	6,309	6,625	6,956	+5%/Yr	5%				
ADMINISTRATIVE CHARGES	298,550	327,870	325,433	550,000	550,000	550,000	550,000	550,000	550,000	550,000	Fixed	0%				
OPERATING SUPPLIES	124,679	207,557	197,282	210,000	325,000	341,250	358,313	376,228	395,040	414,792	+5%/Yr	5%				
UNIFORMS	5,277	4,549	9,313	6,000	6,000	6,300	6,615	6,946	7,293	7,658	+5%/Yr	5%				
OPERATING SUPPLIES- SAFE	1,213	873	1,846	1,700	3,500	3,675	3,859	4,052	4,254	4,467	+5%/Yr	5%				
OPERATING SUPPLIES-GASO	28,640	5,627	3,620	3,000	4,321	4,753	5,228	5,751	6,326	6,959	+10%/Yr	10%				
BOOKS,DUES,EDUCATION,SU	1,024	2,603	1,888	2,000	3,000	3,150	3,308	3,473	3,647	3,829	+5%/Yr	5%				
BUILDINGS	0	118,203	88,692	10,000	50,000	50,000	50,000	50,000	50,000	50,000	Fixed	0%				
IMPROVEMENTS OTHER THA	0	1,969	333,568	190,000	0	412,500	453,750	420,778	450,232	244,580	Cap Plan or % PYF	5%				
MACHINERY AND EQUIPMENT		400	37,420	16,000	378,689						Cap Plan					
PRINCIPAL-DWSRF502901 R	635,758	654,146	673,069	692,540	712,602	363,989	0	0	0	0	Set by Sch	DW502901				
PRINCIPAL-R.O. EXPANSION	211,436	218,767	226,353	234,869	242,981	251,408	260,126	269,147	278,481	288,139	Set by Sch	RO Exp BOA				
PRINCIPAL-DWSRF500201 A	38,443	39,453	40,490	41,554	42,645	43,765	44,915	46,095	47,306	48,549	Set by Sch	DW500201				
PRINCIPAL-DWSRF500200 A	142,711	146,764	150,932	155,219	159,627	164,160	168,822	173,616	178,547	183,617	Set by Sch	DW500200				
SRF LOAN PRINCIPAL- WIIP 2	210,273	212,563	215,078	217,624	220,199	222,805	225,442	228,110	230,810	233,541	Set by Sch	DW500210				
INTEREST- DWSRF502901 R	102,665	84,277	64,561	45,884	25,822	5,223	0	0	0	0	Set by Sch	DW502901				
INTEREST-R.O. EXPANSION	85,442	78,113	62,498	62,016	53,868	45,441	36,723	27,702	18,368	8,710	Set by Sch	RO Exp BOA				
INTEREST-DWSRF500201 A1	13,693	12,683	11,603	10,583	9,491	8,371	7,221	6,041	4,830	3,587	Set by Sch	DW500201				
INTEREST-DWSRF500200 AR	55,599	51,547	47,205	43,092	38,684	34,151	29,489	24,695	19,764	14,694	Set by Sch	DW500200				
SRF LOAN INTERST- WIIP 20	53,200	50,910	48,905	45,849	43,273	40,667	38,031	35,363	32,663	29,931	Set by Sch	DW500210				
RESERVE FOR CONTINGENCY	13,198	104,395	72,045	15,000	25,000	25,000	25,000	25,000	25,000	25,000	Fixed					
TOTAL Expenditures	3,730,930	4,146,203	4,208,518	4,235,415	4,843,140	4,629,385	4,440,266	4,555,267	4,742,498	4,705,149						
YoY % Chng total		11.1%	1.5%	0.6%	14.3%	-4.4%	-4.1%	2.6%	4.1%	-0.8%						
NET OF REVENUES/APPRO	(28,466)	(460,619)	51,031	153,650	49,050	(233,486)	(278,885)	(242,092)	(656,114)	(415,099)						
BEGINNING UNRESTRICTED	3,789,988	3,761,522	3,300,903	3,351,934	2,922,938	2,559,488	1,872,252	1,172,589	930,497	274,383						
ENDING UNRESTRICTED N	3,761,522	3,300,903	3,351,934	3,505,584	2,971,988	2,326,002	1,593,367	930,497	274,383	(140,717)						

Sewer Fund Five Year Budget Forecast with 5% Rate Change

DESCRIPTION	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Basis	Percentage Change				
	Actual	Actual	Actual	Estimate	Budget / Forecast	Forecast	Forecast	Forecast	Forecast	Forecast						
Revenues																
ARPA FEDERAL GRANT FUNDS			693,431	565,675	0	0	0	0	0	0						
SEWER UTILITIES REVENUE	1,128,148	1,155,248	1,188,036	1,370,646	1,535,124	1,611,880	1,692,474	1,777,097	1,865,952	1,959,250	Rate plan	5%	5%	5%	5%	5%
INTEREST ON INVESTMENTS	37,590	15,708	893	5,000	21,000	21,630	22,279	22,947	23,636	24,345	+3%/Yr	3%				
DISPOSITION OF FIXED ASSETS			7,350													
INSURANCE REIMBURSEMENTS	35															
APPROPRIATION FROM RESERVE					237,358	290,898	195,833	213,163	231,323	306,805	Match to Capital Plan					
APPROPRIATION FROM R & R																
	1,165,773	1,170,956	1,889,710	1,941,321	1,793,482	1,924,408	1,910,586	2,013,208	2,120,911	2,290,400						
TOTAL Revenues	1,165,773	1,170,956	1,889,710	1,941,321	1,793,482	1,924,408	1,910,586	2,013,208	2,120,911	2,290,400						
YoY % Chng		0.4%	61.4%	2.7%	-7.6%	7.3%	-0.7%	5.4%	5.3%	8.0%						
Expenditures																
PROFESSIONAL FEES	25,617	37,829	38,730	150,848	90,000	73,500	77,175	81,034	85,085	89,340	Avg \$70K + 5%	5%				
OTHER CONTRACTUAL SERVICES	1,175	14,449	39,621	19,000	25,000	27,500	30,250	33,275	36,603	40,263	10%/Yr	10%				
UTILITY SERVICES	32,805	30,227	30,526	40,000	38,750	42,625	46,888	51,576	56,734	62,407	10%/Yr	10%				
SEWAGE TREATMENT-CITY OF DELRA	618,185	799,975	920,150	900,000	985,000	1,063,800	1,148,904	1,240,816	1,340,082	1,447,288	8%/Yr	8%				
INSURANCE & BONDS		4,998	3,613	9,000	2,942	3,236	3,560	3,916	4,307	4,738	10%/Yr	10%				
REPAIRS & MAINTENANCE- GENERAL	75,822	162,443	12,374	60,000	50,000	75,600	79,380	83,349	87,516	91,892	Avg \$72K + 5%	5%				
RENEWALS & REPLACEMENTS	96,698	13,292	21,920	120,675	120,000	76,756	80,594	84,624	88,855	93,298	5% PY Rev	5%				
ADMINISTATIVE CHARGES	140,000	147,000	154,350	220,000	220,000	231,000	242,550	254,678	267,411	280,782	Fixed to WF					
OPERATING SUPPLIES	327	3,188	952	1,000	1,000	2,000	3,000	4,000	5,000	6,000	+1K/Yr	1,000				
BUILDINGS	6,084															
IMPROVEMENTS OTHER THAN BLDG.	7,141		24,480	661,000	225,000	290,898	197,465	217,309	239,148	322,537	Capital Plan Tab					
MACHINERY AND EQUIPMENT			2,970													
RESERVE FOR CONTINGENCY	17,174			25,000	25,000	25,000	25,000	25,000	25,000	25,000	Fixed					
	1,021,028	1,213,401	1,249,686	2,206,523	1,782,692	1,911,916	1,934,765	2,079,577	2,235,741	2,463,545						
TOTAL Expenditures	1,021,028	1,213,401	1,249,686	2,206,523	1,782,692	1,911,916	1,934,765	2,079,577	2,235,741	2,463,545						
YoY % Chng		18.8%	3.0%	76.6%	-19.2%	7.2%	1.2%	7.5%	7.5%	10.2%						
NET OF REVENUES/APPROPRIATION	144,745	(42,445)	640,024	(265,202)	10,790	12,492	(24,179)	(66,369)	(114,830)	(173,145)						
BEGINNING UNRESTRICTED NET POS	2,133,349	2,278,094	2,235,649	2,875,673	2,373,113	2,093,005	1,909,664	1,672,321	1,374,629	952,994						
ENDING UNRESTRICTED NET POSITIC	2,278,094	2,235,649	2,875,673	2,610,471	2,383,903	2,105,497	1,885,484	1,605,952	1,259,799	779,848						

Capital Plan for Water Utilities

		Annual Percent Change	10%	10%	7%	7%	7%	
		Cumulative Percent Change	0%	10%	21%	29%	39%	48%
		2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	
2022 Baseline	Water System							
	Water CIP Projects							
	250,000 VFD Replacements	250,000						
	30,000 Vehicle Replacements		33,000					
	80,000 Rehab of Well # 8	80,000						
	25,000 Upgrade SCADA Software	25,000	27,500	30,250	32,368	34,633	37,058	
	120,000 Replace Membrane Train Turbos		132,000					
	250,000 Replace Water Plant Roof				323,675			
	300,000 Paint Elevated Storage Tank interior			363,000				
	100,000 Replace Cartridge Filter Vessels				-	138,533		
	50,000 Replace Water Plant Blowers		55,000					
	100,000 WTP De-Gasifier and Scrubber System		110,000					
	150,000 Bulk Tank Repl					207,799		
	50,000 Meter Replacements	23,689	55,000	60,500	64,735	69,266	74,115	
	90,000 Replace West Chiller atWTP						133,407	
		Total Water CIP Projects	\$ 378,689	\$ 412,500	\$ 453,750	\$ 420,778	\$ 450,232	\$ 244,580

Capital Plan for Sewer Utilities

		0%	10%	10%	7%	7%	7%
		2022-23	2023-24	2024-25	2025-26	2026-27	2027-28
Baseline	Sewer System						
	Sewer CIP Projects						
\$ 105,781	Lift Station #2 Rehab	\$ -	116,359				
225,000	WW Collection Sys Piping (Phase 2)	225,000					
158,672	Raise Lift Station #3		174,539				
163,194	Raise Lift Station #2			197,465			
167,845	Replace Emergency Generator LS #1				217,309		
172,629	Raise Lift Statio #4					239,148	
217,592	WW Collection Sys Rehab						322,537
	Total Sewer CIP Projects	\$ 225,000	\$ 290,898	\$ 197,465	\$ 217,309	\$ 239,148	\$ 322,537

Water Fund - Analysis of Expenses

	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028
Salaries & Related	1,018,304	1,091,043	997,524	1,003,880	1,130,758	1,170,292	1,234,816	1,303,495	1,376,638	1,454,577
Operating	1,163,406	1,385,365	1,210,620	1,466,305	1,734,501	1,816,613	1,895,557	1,980,079	2,070,601	2,167,581
Debt Service	1,549,220	1,549,223	1,540,694	1,549,230	1,549,192	1,179,980	810,769	810,769	810,769	810,768
Operating Exp	3,730,930	4,025,631	3,748,838	4,019,415	4,414,451	4,166,885	3,941,142	4,094,343	4,258,008	4,432,926
Capital	-	120,572	459,680	216,000	428,689	462,500	503,750	470,778	500,232	294,580

Annualized Growth Rate 2019 to 2023

Salaries & Related	2.7%
Operating	10.5%
Debt Service	0.0%
Operating Exp	4.3%

Annualized Growth Rate 2019 to 2028

Salaries & Related	4.0%
Operating	7.2%
Debt Service	-6.9%
Operating Exp	1.9%
Capital	11.8%

Sewer Fund Analysis of Expenses

	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Average Annual Growth Rate
Salaries & Related	-	-	-	-	-	-	-	-	-	-	
Operating	1,007,803	1,213,401	1,222,236	1,545,523	1,557,692	1,621,017	1,739,603	1,867,173	2,004,429	2,152,136	8.8%
DS	-	-	-	-	-	-	-	-	-	-	
Operating Exp	1,007,803	1,213,401	1,222,236	1,545,523	1,557,692	1,621,017	1,739,603	1,867,173	2,004,429	2,152,136	
Capital	13,225	0	27,450	661,000	225,000	290,898	197,465	217,309	239,148	322,537	42.6%

Water Fund - Debt Balance (in millions)

