

Sample FY2022 Water and Sewer Rates with Gateway Expansion Complete

Green Box is a manual entry number

Using Usage from 4/1/19 - 3/31/20

Using the FY22 Budget for both the FY22 rates and the FY22 GATE (FY22 GATE rates includes the estimated gallons used and units expected with Gateway sewer expansion)

FY22 GATE expenses are adjusted up based on information in the Preliminary Engineering Report

Budget

	Water	Sewer	Combined
FY22	\$379,492	\$789,537	\$1,169,029
FY22 GATE	\$379,492	\$803,600	\$1,183,092
Total Change FY21/FY22	\$0	\$14,063	\$14,063
Percent Change FY21/FY22	0.00%	1.78%	1.20%

Revenue from Non-Core User Groups

Non-Core User Groups

Industry and Allocated Accounts Fixed Rate Calculator

Industry fixed rate for Sewer is the Commercial and Government plus 15%	\$411.11
Allocated Accounts fixed rate for Water is half the Commercial and Government	\$318.31
Allocated Accounts fixed rate for Sewer is half the Commercial and Government	\$178.74

	Water						Sewer					
	FY22 GATE		FY22		Change FY22 to FY22 GATE		FY22 GATE		FY22		Change FY22 to FY22 GATE	
	Fixed Rate	Revenue	Fixed Rate	Revenue	Dollar Difference	Percentage Difference	Fixed Rate	Revenue	Fixed Rate	Revenue	Dollar Difference	Percentage Difference
Industry												
Fixed Rate							\$411.04	\$411	\$546.25	\$546	-\$135.21	-24.75%
Metered/Industry Usage								\$6,289		\$6,154		
Total Rev.								\$6,700		\$6,700		
Allocated Accounts												
Fixed Rate	\$318.31	\$1,273	\$318.31	\$1,273	\$0.00	0.00%	\$178.71	\$536	\$237.52	\$713	-\$58.81	-24.76%
Total Rev.		\$1,273		\$1,273				\$536		\$713		

Non-User Group Revenue

	Water				Sewer			
	FY22 GATE Revenue		FY22 Revenue		FY22 GATE Revenue		FY22 Revenue	
Sale of Water		\$1,500		\$1,500				
Fire Protection/Tank Fee		\$50,432		\$50,432				
Septage Revenue					\$430,000		\$430,000	
Gateway Revenue				\$0			\$0	
Hook-on Fees		\$500		\$500	\$1,000		\$1,000	
Miscellaneous Fees				\$0			\$0	
Interest on Investments		\$500		\$500	\$1,200		\$1,200	
Total Other Revenue		\$52,932		\$52,932	\$432,200		\$432,200	
Total Revenue from Non-Core Users		\$54,205		\$54,205	\$439,436		\$439,613	
Total Revenue remaining to be raised by core users		\$325,287		\$325,287	\$364,164		\$349,924	

Data Used to Build Rates for Core User Groups

Percentage of use in past 4 quarters

	Water					Sewer				
	Future Use Adjustment as Percentage of Gallons		Future Use Adjustment as Percentage of Gallons			Future Use Adjustment as Percentage of Gallons		Future Use Adjustment as Percentage of Gallons		
	Gallons	Percentage	98%	Users		Gallons	Percentage	98%	Users	
Residential	9,124,300	55.51%	8,941,814	426		17,256,930	74.91%	16,911,791	585	
Commercial & Government	6,452,800	39.26%	6,323,744	76		4,918,450	21.35%	4,820,081	87	
School	860,600	5.24%	843,388	3		860,600	3.74%	843,388	3	
Industry				0					1	
Allocated Accounts				4					3	
total	16,437,700	100.00%	16,108,946			23,035,980	100.00%	22,575,260		

Percentage of use Adjustments for Water Rates to offset for fire protection allocation to school

	Water			
	Adjustment	Adjusted FY22	Adjusted FY21	
Residential	-2.93%	52.58%	50.93%	
Commercial & Government	-2.07%	37.18%	38.67%	
School	5.00%	10.24%	10.40%	
Total		100.00%	100.00%	

Formula for determining split of 5 percentage points between Residential and Commercial & Government
Based on percent of water used by each

	Gallons Used	Percentage of Use
Residential	9,124,300	58.58%
Commercial & Government	6,452,800	41.42%
Total	15,577,100	

Budget Allocations Per Core User Group

	FY22 GATE		FY22	
	Water	Sewer	Water	Sewer
Revenue to be raised from Core Users	\$325,287	\$364,164	\$325,287	\$349,924.44
Residential	\$171,034.54	\$272,805.86	\$171,034.54	\$239,305.47
Commercial & Government	\$120,957.41	\$77,753.23	\$120,957.41	\$87,883.33
School	\$33,294.81	\$13,604.78	\$33,294.81	\$22,735.64

Rates for Core User Groups

	Percent of Rev.	Water						Sewer					
		FY22 GATE		FY22		Change FY22 to FY22 GATE		FY22 GATE		FY22		Change FY22 to FY22 GATE	
		Fixed per unit. Metered per 1000 gal.	Revenue	Fixed per unit. Metered per 1000 gal.	Revenue	Dollar Difference	Percentage Difference	Fixed per unit. Metered per 1000 gal.	Revenue	Fixed per unit. Metered per 1000 gal.	Revenue	Dollar Difference	Percentage Difference
Residential													
Fixed Rate	30%	\$120.45	\$51,310	\$120.45	\$51,310	\$0.00	0.0%	\$139.90	\$81,842	\$169.72	\$71,792	-\$29.82	-17.6%
Metered	70%	\$13.39	\$119,724	\$13.39	\$119,724	\$0.00	0.0%	\$11.29	\$190,964	\$18.87	\$167,514	-\$7.58	-40.2%
Total Rev.			\$171,035		\$171,035				\$272,806		\$239,305		
Commercial & Government													
Fixed Rate	40%	\$636.62	\$48,383	\$636.62	\$48,383	\$0.00	0.0%	\$357.49	\$31,101	\$475.05	\$35,153	-\$117.56	-24.7%
Metered	60%	\$11.48	\$72,574	\$11.48	\$72,574	\$0.00	0.0%	\$9.68	\$46,652	\$16.17	\$52,730	-\$6.50	-40.2%
Total Rev.			\$120,957		\$120,957				\$77,753		\$87,883		
School													
Fixed Rate	50%	\$5,549.13	\$16,647	\$5,549.13	\$16,647	\$0.00	0.0%	\$2,267.46	\$6,802	\$3,789.27	\$11,368	-\$1,521.81	-40.2%
Metered	50%	\$19.74	\$16,647	\$19.74	\$16,647	\$0.00	0.0%	\$8.07	\$6,802	\$13.48	\$11,368	-\$5.41	-40.2%
Total Rev.			\$33,295		\$33,295				\$13,605		\$22,736		

Revenue Analysis

	Water	Sewer
Revenue Through Fixed Fees (Water: rates, fire, hook-on, int. Sewer: rates, 50% septage, hook-on, int.)	\$169,046	\$337,893
Revenue Through Variable Fees (Water: rates, sale of water Sewer: rates, 50% septage)	\$210,446	\$465,707
Total	\$379,492	\$803,600
Double Check to ensure the revenue raised by fees equals budgeted revenue goal (field should equal zero)	\$0	\$0
Capital Budget	\$199,376	\$163,302
Percent of Capital Budget that is covered by revenue raised by fixed fees	84.79%	206.91%

Sample Rate Changes

	FY22 GATE		FY22	
	Water	Sewer	Water	Sewer
Residential				
Metered	\$281.04	\$326.43	\$281.04	\$396.01
Fixed	\$120.45	\$139.90	\$120.45	\$169.72
Total	\$401.49	\$466.33	\$401.49	\$565.73
Total Combined	\$867.82		\$967.22	
Total Combined Dollar Change	-\$99.40			
Total Combined Percentage Change	-10.28%			
Commercial & Government				
Metered	\$954.93	\$536.23	\$954.93	\$712.57
Fixed	\$636.62	\$357.49	\$636.62	\$475.05
Total	\$1,591.54	\$893.72	\$1,591.54	\$1,187.61
Total Combined	\$2,485.26		\$2,779.16	
Total Combined Dollar Change	-\$293.90			
Total Combined Percentage Change	-10.58%			
School				
Metered	\$5,549.13	\$2,267.46	\$5,549.13	\$3,789.27
Fixed	\$5,549.13	\$2,267.46	\$5,549.13	\$3,789.27
Total	\$11,098.27	\$4,534.93	\$11,098.27	\$7,578.55
Total Combined	\$15,633.20		\$18,676.82	
Total Combined Dollar Change	-\$3,043.62			
Total Combined Percentage Change	-16.30%			