

Table 9 Sewer Utility Cash Flow Analysis - Projected 2023-2032

Village of Kronenwetter, WI

	Budget	Projected								
	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032
Revenues										
Total Revenues from User Rates ¹	\$663,965	\$956,110	\$1,051,721	\$1,135,859	\$1,226,727	\$1,324,866	\$1,377,860	\$1,419,196	\$1,461,772	\$1,505,625
Percent Increase to User Rates	0.00%	44.00%	10.00%	8.00%	8.00%	8.00%	4.00%	3.00%	3.00%	3.00%
Cumulative Percent Rate Increase	0.00%	44.00%	58.40%	71.07%	84.76%	99.54%	107.52%	113.75%	120.16%	126.76%
Dollar Amount Increase to Revenues		\$292,145	\$95,611	\$84,138	\$90,869	\$98,138	\$52,995	\$41,336	\$42,576	\$43,853
Total Other Revenues	\$34,503	\$32,825	\$33,007	\$33,190	\$33,375	\$33,562	\$33,750	\$33,939	\$34,130	\$34,322
Total Revenues	\$698,469	\$988,935	\$1,084,728	\$1,169,049	\$1,260,103	\$1,358,427	\$1,411,610	\$1,453,135	\$1,495,902	\$1,539,948
Less: Expenses										
Operating and Maintenance	\$757,909	\$971,996	\$991,436	\$1,011,264	\$1,031,490	\$1,052,119	\$1,223,162	\$1,247,625	\$1,272,578	\$1,298,029
PILOT Payment	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000
Net Before Debt Service and Capital Expenditures	(\$64,440)	\$11,939	\$88,292	\$152,785	\$223,613	\$301,308	\$183,448	\$200,510	\$218,324	\$236,918
Debt Service										
Existing Debt P&I	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
New (2023-2032) Debt Service P&I	\$0	\$0	\$67,398	\$96,200	\$93,450	\$90,700	\$87,950	\$160,513	\$163,200	\$158,000
Total Debt Service	\$0	\$0	\$67,398	\$96,200	\$93,450	\$90,700	\$87,950	\$160,513	\$163,200	\$158,000
Transfer In (Out)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Less: Capital Improvements	\$363,120	\$530,000	\$569,663	\$610,000	\$110,000	\$110,000	\$1,167,788	\$110,000	\$110,000	\$110,000
Debt Issued/Grants/Aid	\$0	\$0	\$865,000	\$0	\$0	\$0	\$715,000	\$0	\$0	\$0
Net Annual Cash Flow	(\$427,560)	(\$518,061)	\$316,232	(\$553,415)	\$20,163	\$100,608	(\$357,289)	(\$70,002)	(\$54,876)	(\$31,082)
Restricted and Unrestricted Cash Balance:										
Balance at first of year	\$1,392,455	\$964,895	\$446,834	\$763,066	\$209,651	\$229,814	\$330,422	(\$26,868)	(\$96,870)	(\$151,746)
Net Annual Cash Flow Addition/(subtraction)	(\$427,560)	(\$518,061)	\$316,232	(\$553,415)	\$20,163	\$100,608	(\$357,289)	(\$70,002)	(\$54,876)	(\$31,082)
Balance at end of year	\$964,895	\$446,834	\$763,066	\$209,651	\$229,814	\$330,422	(\$26,868)	(\$96,870)	(\$151,746)	(\$182,827)
"All-in" Debt Coverage	N/A	N/A	1.31	1.59	2.39	3.32	2.09	1.25	1.34	1.50

Notes:

- 1) Assumes no changes in customer count or usage beyond Test Year.
- 2) Assumes 2.00% annual inflation beyond budget year.

Legend:

- Increase depicted to maintain with assumed O&M inflation
- Increase needed above inflationary adjustment

Table 13

Projected Impact of CIP on Typical Residential Utility Bill

Village of Kronenwetter, WI

Year	Water					Sewer					Utility Bill (Annual)	Change Over Prior Year	% of MHI (84,435)	Year	
	Increase	Water Vol. Charge ¹	Water User Charge ²	Utility Bill (Quarterly)	Change Over Prior Year	Increase	Sewer Vol. Charge ³	Sewer User Charge ³	Utility Bill (Quarterly)	Change Over Prior Year					
		Tiered	Serv. + PFP				1,000 Gal	Gen Service							
2022		3.59	29.40	\$ 72.48			3.39	21.85	\$ 62.53		\$ 540.04		0.64%	2022	
2023	0.00%	3.59	29.40	\$ 72.48	\$ -	0.00%	3.39	21.85	\$ 62.53	\$ -	\$ 540.04	\$ -	0.64%	2023	
2024	0.00%	3.59	29.40	\$ 72.48	\$ -	44.00%	4.88	31.46	\$ 90.04	\$ 27.51	\$ 650.09	\$ 110.05	0.77%	2024	
2025	3.00%	3.70	30.28	\$ 74.65	\$ 2.17	10.00%	5.37	34.61	\$ 99.05	\$ 9.00	\$ 694.81	\$ 44.71	0.82%	2025	
2026	3.00%	3.81	31.19	\$ 76.89	\$ 2.24	8.00%	5.80	37.38	\$ 106.97	\$ 7.92	\$ 735.46	\$ 40.65	0.87%	2026	
2027	3.00%	3.92	32.13	\$ 79.20	\$ 2.31	8.00%	6.26	40.37	\$ 115.53	\$ 8.56	\$ 778.92	\$ 43.46	0.92%	2027	
2028	3.00%	4.04	33.09	\$ 81.58	\$ 2.38	8.00%	6.76	43.60	\$ 124.77	\$ 9.24	\$ 825.39	\$ 46.47	0.98%	2028	
2029	3.00%	4.16	34.08	\$ 84.02	\$ 2.45	4.00%	7.03	45.34	\$ 129.76	\$ 4.99	\$ 855.15	\$ 29.75	1.01%	2029	
2030	3.00%	4.29	35.11	\$ 86.54	\$ 2.52	3.00%	7.25	46.70	\$ 133.66	\$ 3.89	\$ 880.80	\$ 25.65	1.04%	2030	
2031	3.00%	4.42	36.16	\$ 89.14	\$ 2.60	3.00%	7.46	48.10	\$ 137.66	\$ 4.01	\$ 907.22	\$ 26.42	1.07%	2031	
2032	22.82%	5.42	44.41	\$ 109.49	\$ 20.34	3.00%	7.69	49.55	\$ 141.79	\$ 4.13	\$ 1,005.12	\$ 97.90	1.19%	2032	
Total Change over planning period					\$ 37.01	Total Change over planning period					\$ 79.26	\$ 465.08			

Notes:

1. Current water volumetric rate is \$3.59 per 1,000 Gallons up to the first 15,000 gallons per quarter.
2. The water user charges include a quarterly service charge of \$16.20 plus a public fire protection charge of \$13.20 for a 5/8 inch meter.
3. The current Sewer volumetric rate is \$3.39 per 1,000 gallons and a service charge of \$21.85 for 5/8 inch meter.
4. The usage is assumed to be 12,000 Gallons per quarter.