

## 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
<b>Revenues</b>										
Total Revenues from User Rates <sup>1</sup>	\$663,965	\$1,068,984	\$1,143,813	\$1,212,442	\$1,273,064	\$1,336,717	\$1,376,819	\$1,418,123	\$1,460,667	\$1,504,487
<b>Percent Increase to User Rates</b>	<b>0.00%</b>	<b>61.00%</b>	<b>7.00%</b>	<b>6.00%</b>	<b>5.00%</b>	<b>5.00%</b>	<b>3.00%</b>	<b>3.00%</b>	<b>3.00%</b>	<b>3.00%</b>
<b>Cumulative Percent Rate Increase</b>	<b>0.00%</b>	<b>61.00%</b>	<b>72.27%</b>	<b>82.61%</b>	<b>91.74%</b>	<b>101.32%</b>	<b>107.36%</b>	<b>113.58%</b>	<b>119.99%</b>	<b>126.59%</b>
<b>Dollar Amount Increase to Revenues</b>		<b>\$405,019</b>	<b>\$74,829</b>	<b>\$68,629</b>	<b>\$60,622</b>	<b>\$63,653</b>	<b>\$40,102</b>	<b>\$41,305</b>	<b>\$42,544</b>	<b>\$43,820</b>
Total Other Revenues	\$34,503	\$32,825	\$33,007	\$33,190	\$33,375	\$33,562	\$33,750	\$33,939	\$34,130	\$34,322
<b>Total Revenues</b>	<b>\$698,469</b>	<b>\$1,101,809</b>	<b>\$1,176,820</b>	<b>\$1,245,632</b>	<b>\$1,306,439</b>	<b>\$1,370,279</b>	<b>\$1,410,568</b>	<b>\$1,452,062</b>	<b>\$1,494,797</b>	<b>\$1,538,809</b>
<b>Less: Expenses</b>										
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
<b>Net Before Debt Service and Capital Expenditures</b>	<b>(\$64,440)</b>	<b>\$124,813</b>	<b>\$180,384</b>	<b>\$229,368</b>	<b>\$269,950</b>	<b>\$313,159</b>	<b>\$182,406</b>	<b>\$199,437</b>	<b>\$217,219</b>	<b>\$235,780</b>
<b>Debt Service</b>										
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
<b>Total Debt Service</b>	<b>\$0</b>	<b>\$0</b>	<b>\$67,398</b>	<b>\$96,200</b>	<b>\$93,450</b>	<b>\$90,700</b>	<b>\$87,950</b>	<b>\$160,513</b>	<b>\$163,200</b>	<b>\$158,000</b>
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
<b>Net Annual Cash Flow</b>	<b>(\$427,560)</b>	<b>(\$405,187)</b>	<b>\$408,324</b>	<b>(\$476,832)</b>	<b>\$66,500</b>	<b>\$112,459</b>	<b>(\$358,331)</b>	<b>(\$71,075)</b>	<b>(\$55,981)</b>	<b>(\$32,220)</b>
<b>Restricted and Unrestricted Cash Balance:</b>										
Balance at first of year	\$1,392,455	\$964,895	\$559,708	\$968,032	\$491,200	\$557,699	\$670,159	\$311,828	\$240,753	\$184,772
Net Annual Cash Flow Addition/(subtraction)	(\$427,560)	(\$405,187)	\$408,324	(\$476,832)	\$66,500	\$112,459	(\$358,331)	(\$71,075)	(\$55,981)	(\$32,220)
Balance at end of year	\$964,895	\$559,708	\$968,032	\$491,200	\$557,699	\$670,159	\$311,828	\$240,753	\$184,772	\$152,552
"All-in" Debt Coverage	N/A	N/A	2.68	2.38	2.89	3.45	2.07	1.24	1.33	1.49

**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 <sup>1</sup>	Water User Charge <sup>2</sup>	Utility Bill (Quarterly)	Change Over Prior Year	Increase	Sewer Vol. Charge <sup>3</sup>	Sewer User Charge <sup>3</sup>	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	\$ -	61.00%	5.46	35.18	\$ 100.67	\$ 38.14	\$ 692.61	\$ 152.57	0.82%	2024	
2025	3.00%	3.70	30.28	\$ 74.65	\$ 2.17	7.00%	5.84	37.64	\$ 107.72	\$ 7.05	\$ 729.50	\$ 36.89	0.86%	2025	
2026	3.00%	3.81	31.19	\$ 76.89	\$ 2.24	6.00%	6.19	39.90	\$ 114.18	\$ 6.46	\$ 764.31	\$ 34.81	0.91%	2026	
2027	3.00%	3.92	32.13	\$ 79.20	\$ 2.31	5.00%	6.50	41.89	\$ 119.89	\$ 5.71	\$ 796.37	\$ 32.06	0.94%	2027	
2028	3.00%	4.04	33.09	\$ 81.58	\$ 2.38	5.00%	6.82	43.99	\$ 125.89	\$ 5.99	\$ 829.86	\$ 33.48	0.98%	2028	
2029	3.00%	4.16	34.08	\$ 84.02	\$ 2.45	3.00%	7.03	45.31	\$ 129.66	\$ 3.78	\$ 854.75	\$ 24.90	1.01%	2029	
2030	3.00%	4.29	35.11	\$ 86.54	\$ 2.52	3.00%	7.24	46.67	\$ 133.55	\$ 3.89	\$ 880.40	\$ 25.64	1.04%	2030	
2031	3.00%	4.42	36.16	\$ 89.14	\$ 2.60	3.00%	7.46	48.07	\$ 137.56	\$ 4.01	\$ 906.81	\$ 26.41	1.07%	2031	
2032	22.82%	5.42	44.41	\$ 109.49	\$ 20.34	3.00%	7.68	49.51	\$ 141.69	\$ 4.13	\$ 1,004.69	\$ 97.89	1.19%	2032	
<b>Total Change over planning period</b>					<b>\$ 37.01</b>						<b>\$ 79.16</b>	<b>\$ 464.65</b>			

**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.