

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 | \$1,015,867 | \$1,107,295 | \$1,184,806 | \$1,267,742 | \$1,343,806 | \$1,384,121 | \$1,425,644 | \$1,468,414 | \$1,512,466 |
| Percent Increase to User Rates | 0.00% | 53.00% | 9.00% | 7.00% | 7.00% | 6.00% | 3.00% | 3.00% | 3.00% | 3.00% |
| Cumulative Percent Rate Increase | 0.00% | 53.00% | 66.77% | 78.44% | 90.93% | 102.39% | 108.46% | 114.72% | 121.16% | 127.79% |
| Dollar Amount Increase to Revenues | | \$351,902 | \$91,428 | \$77,511 | \$82,936 | \$76,065 | \$40,314 | \$41,524 | \$42,769 | \$44,052 |
| 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 | \$1,048,692 | \$1,140,302 | \$1,217,996 | \$1,301,117 | \$1,377,368 | \$1,417,870 | \$1,459,583 | \$1,502,544 | \$1,546,788 |
| 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) | \$71,696 | \$143,866 | \$201,732 | \$264,628 | \$320,249 | \$189,709 | \$206,958 | \$224,966 | \$243,759 |
| 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) | (\$458,304) | \$371,806 | (\$504,468) | \$61,178 | \$119,549 | (\$351,029) | (\$63,554) | (\$48,234) | (\$24,241) |
| Restricted and Unrestricted Cash Balance: | | | | | | | | | | |
| Balance at first of year | \$1,392,455 | \$964,895 | \$506,591 | \$878,397 | \$373,928 | \$435,106 | \$554,655 | \$203,626 | \$140,072 | \$91,838 |
| Net Annual Cash Flow Addition/(subtraction) | (\$427,560) | (\$458,304) | \$371,806 | (\$504,468) | \$61,178 | \$119,549 | (\$351,029) | (\$63,554) | (\$48,234) | (\$24,241) |
| Balance at end of year | \$964,895 | \$506,591 | \$878,397 | \$373,928 | \$435,106 | \$554,655 | \$203,626 | \$140,072 | \$91,838 | \$67,597 |
| "All-in" Debt Coverage | N/A | N/A | 2.13 | 2.10 | 2.83 | 3.53 | 2.16 | 1.29 | 1.38 | 1.54 |

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 | \$ - | 53.00% | 5.19 | 33.43 | \$ 95.67 | \$ 33.14 | \$ 672.60 | \$ 132.56 | 0.80% | 2024 | |
| 2025 | 3.00% | 3.70 | 30.28 | \$ 74.65 | \$ 2.17 | 9.00% | 5.65 | 36.44 | \$ 104.28 | \$ 8.61 | \$ 715.74 | \$ 43.14 | 0.85% | 2025 | |
| 2026 | 3.00% | 3.81 | 31.19 | \$ 76.89 | \$ 2.24 | 7.00% | 6.05 | 38.99 | \$ 111.58 | \$ 7.30 | \$ 753.90 | \$ 38.16 | 0.89% | 2026 | |
| 2027 | 3.00% | 3.92 | 32.13 | \$ 79.20 | \$ 2.31 | 7.00% | 6.47 | 41.72 | \$ 119.39 | \$ 7.81 | \$ 794.37 | \$ 40.47 | 0.94% | 2027 | |
| 2028 | 3.00% | 4.04 | 33.09 | \$ 81.58 | \$ 2.38 | 6.00% | 6.86 | 44.22 | \$ 126.56 | \$ 7.16 | \$ 832.53 | \$ 38.16 | 0.99% | 2028 | |
| 2029 | 3.00% | 4.16 | 34.08 | \$ 84.02 | \$ 2.45 | 3.00% | 7.07 | 45.55 | \$ 130.35 | \$ 3.80 | \$ 857.50 | \$ 24.98 | 1.02% | 2029 | |
| 2030 | 3.00% | 4.29 | 35.11 | \$ 86.54 | \$ 2.52 | 3.00% | 7.28 | 46.92 | \$ 134.26 | \$ 3.91 | \$ 883.23 | \$ 25.73 | 1.05% | 2030 | |
| 2031 | 3.00% | 4.42 | 36.16 | \$ 89.14 | \$ 2.60 | 3.00% | 7.50 | 48.32 | \$ 138.29 | \$ 4.03 | \$ 909.73 | \$ 26.50 | 1.08% | 2031 | |
| 2032 | 22.82% | 5.42 | 44.41 | \$ 109.49 | \$ 20.34 | 3.00% | 7.72 | 49.77 | \$ 142.44 | \$ 4.15 | \$ 1,007.70 | \$ 97.97 | 1.19% | 2032 | |
| Total Change over planning period | | | | | \$ 37.01 | | | | | | \$ 79.91 | \$ 467.66 | | | |

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.