

SEWER RATE CALCULATION REPORT

MAY 2025'



Prepared By:

| Name | Title | Employer | Email |
|---------------|--------------------|----------------------------------|--|
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| | | | |

YOUR RATE EVALUATION SHOULD BE REVIEWED BY A CERTIFIED FINANCIAL PLANNER AND YOUR ATTORNEY

BACKGROUND / STARTING INFORMATION

| | |
|--|---------------------------------|
| Name of Community : | Grand Ledge Sewer |
| PHYSICAL ADDRESS | 310 Greenwood St. |
| MAILING? | |
| ZIP CODE | 48837 |
| OFFICE PHONE NUMBER | 517-627-2149 |
| Can information in this report be used and submitted for USDA Rural Development (Similar Systems Survey) | Yes |
| BUDGET FOR FISCAL YEARS <u>STARTING</u> | 2025 |
| PRIMARY WATER SOURCE | WELLS |
| PRIMARY TREATMENT TYPE | MEDIUM TREATMENT FILTRATION |
| PRIMARY DISTRIBUTION TYPE | BOOSTER PUMPS/PRESSURE REDUCING |
| WATER SYSTEM IMPROVEMENTS COMPLETED OVER LAST TEN YEARS | Mains, Wells, Tower Restoration |
| PRIMARY WASTEWATER COLLECTION TYPE | Sanitary Sewer |
| PRIMARY WASTEWATER TREATMENT TYPE | WWTP |
| MAJOR WASTEWATER SYSTEM IMPROVEMENTS COMPLETED LAST 10 YRS | |
| MAJOR SYSTEM IMPROVEMENT PLANS FOR NEXT 10 YRS | New Plant |
| <u>Current Rate Structure</u> | |
| Are bills based on 1,000 gallons units or 100 cubic feet units? | 1,000 |
| Number of Customer Invoices per Year | 12 |
| What are the dates of the Fiscal Year | 7/1-6/30 |
| List the names of the different Entities Served OR RATE CLASSES - Originating Entity - RATE CLASS 1 | Grand Ledge Sewer |
| 2nd Entity | Oneida Twp Sewer |
| 3rd Entity | |
| 4th Entity | |
| 5th Entity | |
| 6th Entity | |

| Grand Ledge Sewer | | | | | | | | | |
|--|----------------------------|-----------------------|-----------------------|--------------------------|--------------------------|-------------------|--------------------|---------------|--|
| CURRENT RATE CHARGES & NUMBER OF CUSTOMERS | | | | | | | | | |
| Customers Are Invoiced: MONTHLY PER | | | | | | | | | |
| Grand Ledge Sewer | | | | | | | | | |
| TYPE OF WATER UNITS | 1,000 GALLONS | | | NUMBER OF METERS / REU'S | INVOICES PER YEAR | | | ANNUAL INCOME | |
| COST PER 1,000 GAL. | \$9.86 | | | | | | | | |
| INVOICES PER YEAR | 12 | | | | | | | | |
| METER SIZE IN INCHES | CURRENT "BASE RATE" CHARGE | Ratio Entity #2 vs. 1 | Ratio Entity #2 vs. 1 | Ratio Entity #2 vs. 1 | NUMBER OF METERS / REU'S | INVOICES PER YEAR | ANNUAL INCOME | | |
| 3/4 | \$48.59 | 1.00 | 1.00 | 1.00 | 2832 | 12 | \$1,651,283 | | |
| 1 | \$121.48 | 1.00 | 1.00 | 1.00 | 40 | 12 | \$58,308 | | |
| 1 1/2 | \$242.95 | 1.00 | 1.00 | 1.00 | 31 | 12 | \$90,377 | | |
| 2 | \$388.72 | 1.00 | 1.00 | 1.00 | 45 | 12 | \$209,909 | | |
| 3 | \$777.44 | 1.00 | 1.00 | 1.00 | 5 | 12 | \$46,646 | | |
| 4 | \$1,214.75 | 1.00 | 1.00 | 1.00 | 3 | 12 | \$43,731 | | |
| 6 | \$2,429.50 | 1.00 | 1.00 | 1.00 | 1 | 12 | \$29,154 | | |
| 8 | \$3,887.20 | 1.00 | 1.00 | 1.00 | | 12 | \$0 | | |
| TOTALS | | | | | 2957 | | \$2,129,408 | | |

| Oneida Twp Sewer | | | | | | | | | |
|----------------------|----------------------------|-----------------------|-----------------------|-----------------------|--------------------------|-------------------|------------------|--|--|
| TYPE OF WATER UNITS | 1,000 GALLONS | Ratio Entity #2 vs. 1 | Ratio Entity #2 vs. 1 | Ratio Entity #2 vs. 1 | NUMBER OF METERS / REU'S | INVOICES PER YEAR | ANNUAL INCOME | | |
| COST PER WATER UNIT | \$9.86 | 1.00 | | | | | | | |
| INVOICES PER YEAR | 12 | | | | | | | | |
| METER SIZE IN INCHES | CURRENT "BASE RATE" CHARGE | Ratio Entity #2 vs. 1 | Ratio Entity #2 vs. 1 | Ratio Entity #2 vs. 1 | NUMBER OF METERS / REU'S | INVOICES PER YEAR | ANNUAL INCOME | | |
| 3/4 | \$48.59 | 1.00 | 1.00 | 1.00 | 382 | 12 | \$222,737 | | |
| 1 | \$121.48 | 1.00 | 1.00 | 1.00 | 16 | 12 | \$23,323 | | |
| 1 1/2 | \$242.95 | 1.00 | 1.00 | 1.00 | | 12 | \$0 | | |
| 2 | \$388.72 | 1.00 | 1.00 | 1.00 | 1 | 12 | \$4,665 | | |
| 3 | \$777.44 | 1.00 | 1.00 | 1.00 | 2 | 12 | \$18,659 | | |
| 4 | \$1,214.75 | 1.00 | 1.00 | 1.00 | | 12 | \$0 | | |
| 6 | \$2,429.50 | 1.00 | 1.00 | 1.00 | | 12 | \$0 | | |
| 8 | \$3,887.20 | 1.00 | 1.00 | 1.00 | | 12 | \$0 | | |
| TOTALS | | | | | 401 | | \$269,383 | | |

MICHIGAN RURAL WATER ASSOCIATION RATE EVALUATION PROGRAM

100% 1.00

METER EQUIVALENTS BY SIZE AND COST RATIO

| 2025 YEAR 1 | CURRENT CHARGES | | RATE CLASS 1 | | RATE CLASS 2 | | NEW RATES | | | |
|----------------------|--------------------------|-------------------|--------------------------|-------------------|--------------------------|-------------------|------------------------------|---------------------------|----------------------------------|--------------------------|
| | NUMBER OF METERS / REU'S | INVOICE FREQUENCY | NUMBER OF METERS / REU'S | INVOICE FREQUENCY | NUMBER OF METERS / REU'S | INVOICE FREQUENCY | TOTAL CUSTOMERS ALL ENTITIES | SELECTED METER EQUIVALENT | CALCULATED METER EQUIVALENT USED | ANNUAL METER EQUIVALENTS |
| METER SIZE IN INCHES | Grand Ledge Sewer | | Oneida Twp Sewer | | | | | | | |
| 3/4 | 2832 | 12 | 382 | 12 | 3214 | 1.00 | 1.00 | 1.00 | 38,568 | \$58.59 |
| 1 | 40 | 12 | 16 | 12 | 56 | 2.50 | 2.50 | 2.50 | 1,680 | \$146.48 |
| 1 1/2 | 31 | 12 | 0 | 12 | 31 | 5.00 | 5.00 | 5.00 | 1,860 | \$292.96 |
| 2 | 45 | 12 | 1 | 12 | 46 | 8.00 | 8.00 | 8.00 | 4,416 | \$468.73 |
| 3 | 5 | 12 | 2 | 12 | 7 | 16.00 | 16.00 | 16.00 | 1,344 | \$937.46 |
| 4 | 3 | 12 | 0 | 12 | 3 | 25.00 | 25.00 | 25.00 | 900 | \$1,464.79 |
| 6 | 1 | 12 | 0 | 12 | 1 | 50.00 | 50.00 | 50.00 | 600 | \$2,929.58 |
| 8 | 0 | 12 | 0 | 12 | 0 | 80.00 | 80.00 | 80.00 | | \$4,687.32 |
| TOTAL | 2957 | | 401 | | 3358 | | | | | |

ANNUAL METER EQUIVALENTS USED FOR RATE CALCULATION

49,368

| | | UNITS OF WATER INVOICED TO CUSTOMERS | | | | | FOR THIS EVALUATION WE WILL USE THE | | MINIMUM YEAR | | | | | | |
|-------------------|--|--------------------------------------|--------------------|--------------------------------|--------------------|--------------------|-------------------------------------|--------------------|----------------|------------------|-------------|---------------------|---|--|-------------------------------|
| | | USAGE REPORTED IN GALLONS | | USAGE REPORTED IN FISCAL YEARS | | | | | | | | | | | |
| | | 2020 | 2021 | 2022 | 2023 | 2024 | COST PER UNIT | REVENUE | PERCENT OF USE | AVERAGE | MAX. YEAR | MIN. YEAR | PERCENT DIFFERENCE FROM MAX. TO MIN. YEAR | ANTICIPATED PERCENT INCREASE NEXT YEAR | UNITS USED IN RATE EVALUATION |
| Grand Ledge Sewer | | 207,790,400 | 189,357,200 | 184,567,100 | 191,354,500 | 198,061,400 | \$9.86 | \$1,952,885 | 100.0% | 184,226,120 | 207,790,400 | 184,567,100 | 11% | 0.0% | 184,567,100 |
| TOTALS | | 207,790,400 | 189,357,200 | 184,567,100 | 191,354,500 | 198,061,400 | | \$1,952,885 | | 184,226,120 | 207,790,400 | 184,567,100 | 11% | | 184,567,100 |
| | | | | | | | | | | GALLONS / VOLUME | | USED FOR EVALUATION | | 184,567,100 | |

WAS AN ELECTRONIC COPY OF THE ORIGINAL KEPT ?

| TOTAL COMBINED CURRENT INCOME | | 1,000 | | Grand Ledge Sewer | |
|---|---------------|-------------------------|-------------------|--------------------|---------------|
| FISCAL YEAR 2024 | | 12 | | | |
| CURRENT METER / BASE RATE INCOME | | | | | |
| | | Grand Ledge Sewer | | Oneida Twp Sewer | |
| METER SIZE IN INCHES | CURRENT RATES | NUMBER OF METERS / REUS | INVOICES PER YEAR | ANNUAL INCOME | ANNUAL INCOME |
| 3/4 | \$48.59 | 2,832 | 12 | \$222,737 | \$0 |
| 1 | \$121.48 | 40 | 12 | \$23,323 | \$0 |
| 1 1/2 | \$242.95 | 31 | 12 | \$0 | \$0 |
| 2 | \$388.72 | 45 | 12 | \$4,665 | \$0 |
| 3 | \$777.44 | 5 | 12 | \$18,659 | \$0 |
| 4 | \$1,214.75 | 3 | 12 | \$0 | \$0 |
| 6 | \$2,429.50 | 1 | 12 | \$0 | \$0 |
| 8 | \$3,887.20 | 0 | 12 | \$0 | \$0 |
| BASE RATE INCOME | | | | \$0 | \$0 |
| CURRENT VOLUME SALES INCOME | | | | \$269,383 | \$0 |
| Grand Ledge Sewer | | | | | |
| GALLONS / CUFT SOLD | 198,061,400 | Oneida Twp Sewer | | 0 | 0 |
| COST PER UNIT | \$9.86 | | | 0 | 0 |
| WATER SALES INCOME | \$1,952,885 | | | \$0.00 | \$0.00 |
| BASED ON THE CURRENT RATE SCHEDULE THIS SHOULD BE THE ACTUAL REVENUE GENERATED | | | | \$0 | \$0 |
| CURRENT RTS / BASE RATE INCOME | \$2,398,791 | | | 0 | 0 |
| CURRENT VOLUME SALES / GALLONS - INCOME | \$1,952,885 | | | 0 | 0 |
| TOTAL CURRENT INCOME CUSTOMER SALES | \$4,351,677 | | | \$0.00 | \$0.00 |
| LAST YEARS NON SALES REVENUE | \$20,983 | | | \$0 | \$0 |
| TOTAL INCOME ALL SOURCES WITH CURRENT RATES | \$4,372,660 | | | \$0 | \$0 |
| NEW INPUTTED RATE BUDGET | \$4,977,843 | | | \$0 | \$0 |
| ANTICIPATED ADDITIONAL REVENUE COLLECTED WITH NEW RATES | (\$605,184) | | | \$0 | \$0 |
| TOTALS | | | | \$1,874,019 | \$0 |
| | | | | \$81,631 | \$0 |
| | | | | \$90,377 | \$0 |
| | | | | \$214,573 | \$0 |
| | | | | \$65,305 | \$0 |
| | | | | \$43,731 | \$0 |
| | | | | \$29,154 | \$0 |
| | | | | \$0 | \$0 |
| | | | | \$2,398,791 | \$0 |
| | | | | 78% | 0% |
| | | | | 3% | 0% |
| | | | | 4% | 0% |
| | | | | 9% | 0% |
| | | | | 3% | 0% |
| | | | | 2% | 0% |
| | | | | 1% | 0% |
| | | | | 0% | 0% |
| | | | | 43% | 55% |
| | | | | 2% | 2% |
| | | | | 5% | 5% |
| | | | | 2% | 1% |
| | | | | 1% | 0% |
| | | | | 0% | 0% |
| | | | | 55% | 45% |
| | | | | PERCENT OF INCOME | |
| | | | | BASE RATE | VOLUME SALES |
| | | | | 55% | 45% |

This page has no influence on the rate calculation.
This page calculates your current income. It is used as a checks and balances page. Ideally the calculated current income on this page should be relatively close to your actual reported income last year when these rates were / are in place.
If this income does not come close to your income it means the data you entered into the program - number of customers, gallons of water - are inaccurate and will need to be looked at again.

CURRENT REVENUE BASED ON CURRENT RATE CHARGES

| | | | | | | | |
|--------------------------|--|---------------------|---------------------|---------------------|---------------------|---------------------|--------------------|
| Grand Ledge Sewer | | RATE CLASS 2 | RATE CLASS 3 | RATE CLASS 4 | RATE CLASS 5 | RATE CLASS 6 | 2025 |
| | Grand Ledge Sewer | Oneida Twp Sewer | \$0.00 | \$0.00 | \$0.00 | \$0.00 | REVENUE |
| | New Cost per Unit of Water Sold | | | | | | NEW RATES |
| \$ PER 1,000 GAL. | \$9.860 | \$9.860 | \$0.000 | \$0.000 | \$0.000 | \$0.000 | |
| UNITS Sold | 198,061 | 0 | 0 | 0 | 0 | 0 | 198,061 |
| Income | \$1,952,885 | \$0 | \$0 | \$0 | \$0 | \$0 | \$1,952,885 |

| METER SIZE | NEW BASE RATE PER MONTH | | | | | | |
|-------------------|-------------------------|---------------------|----------------|----------------|----------------|----------------|--------------------|
| 3/4 | \$48.590 | \$48.590 | \$0.000 | \$0.000 | \$0.000 | \$0.000 | |
| NO. CUSTOMERS | 2,832 | 382 | 0 | 0 | 0 | 0 | |
| INCOME | \$1,651,282.56 | \$222,736.56 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$1,874,019 |
| 1 | \$121.48 | \$121.48 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | |
| NO. CUSTOMERS | 40 | 16 | 0 | 0 | 0 | 0 | |
| INCOME | \$58,308.00 | \$23,323.20 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$81,631 |
| 1 1/2 | \$242.95 | \$242.95 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | |
| NO. CUSTOMERS | 31 | 0 | 0 | 0 | 0 | 0 | |
| INCOME | \$90,377.40 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$90,377 |
| 2 | \$388.72 | \$388.72 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | |
| NO. CUSTOMERS | 45 | 1 | 0 | 0 | 0 | 0 | |
| INVOICES PER YEAR | 12 | 12 | 12 | 12 | 12 | 12 | |
| ANNUAL INVOICES | 540 | 12 | 0 | 0 | 0 | 0 | |
| INCOME | \$209,908.80 | \$4,664.64 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$214,573 |
| 3 | \$777.44 | \$777.44 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | |
| NO. CUSTOMERS | 5 | 2 | 0 | 0 | 0 | 0 | |
| INVOICES PER YEAR | 12 | 12 | 12 | 12 | 12 | 12 | |
| ANNUAL INVOICES | 60 | 24 | 0 | 0 | 0 | 0 | |
| INCOME | \$46,646.40 | \$18,658.56 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$65,305 |
| 4 | \$1,214.75 | \$1,214.75 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | |
| NO. CUSTOMERS | 3 | 0 | 0 | 0 | 0 | 0 | |
| INVOICES PER YEAR | 12 | 12 | 12 | 12 | 12 | 12 | |
| ANNUAL INVOICES | 36 | 0 | 0 | 0 | 0 | 0 | |
| INCOME | \$43,731.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$43,731 |
| 6 | \$2,429.50 | \$2,429.50 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | |
| NO. CUSTOMERS | 1 | 0 | 0 | 0 | 0 | 0 | |
| INVOICES PER YEAR | 12 | 12 | 12 | 12 | 12 | 12 | |
| ANNUAL INVOICES | 12 | 0 | 0 | 0 | 0 | 0 | |
| INCOME | \$29,154.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$29,154 |

| | | | | | | | |
|---|--|--|--|--|--|--|--------------------|
| CURRENT Fixed Income "RTS" | | | | | | | \$2,398,791 |
| CURRENT VOLUME "UNITS WATER INVOICED" INCOME | | | | | | | \$1,952,885 |
| CURRENT INCOME - GENERATED WITH CURRENT RATES RTS & UNITS INVOICED | | | | | | | \$4,351,677 |
| LAST YEARS NON-SALES INCOME | | | | | | | \$20,983 |
| LAST YEARS TOTAL COMBINED INCOME | | | | | | | \$4,372,660 |

MICHIGAN RURAL WATER ASSOCIATION RATE EVALUATION PROGRAM

| PRIOR YEAR ACTUALS EXPENSES (COMPARISON PURPOSES ONLY) | Grand Ledge Sewer | | PROPOSED BUDGET FOR FISCAL YEAR | ANNUAL PERCENT INCREASE | YEAR 2 NEW BUDGET FOR YEAR | YEAR 3 NEW BUDGET FOR YEAR | YEAR 4 NEW BUDGET FOR YEAR | YEAR 5 NEW BUDGET FOR YEAR |
|---|-------------------|-------------------|---------------------------------------|-------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|
| | FY 2022 ACTUAL | FY 2023 ACTUAL | | | | | | |
| \$78,876 | \$79,230 | \$85,441 | 703.000 SALARIES/WAGES | \$112,707 | \$116,201 | \$119,803 | \$123,517 | \$127,346 |
| \$181 | \$882 | \$1,172 | 703.100 OVERTIME | \$6,405 | \$0 | \$6,808 | \$7,019 | \$0 |
| \$39,053 | \$42,447 | \$44,138 | 719.000 FRINGE BENEFITS | \$55,696 | \$57,423 | \$59,203 | \$61,038 | \$62,930 |
| \$19,029 | \$21,362 | \$23,122 | 776.000 MAINTENANCE SUPPLIES | \$40,000 | \$41,240 | \$42,518 | \$43,837 | \$45,195 |
| \$15,955 | \$28,738 | \$10,452 | 811.000 CONTRACTUAL | \$50,000 | \$51,550 | \$53,148 | \$54,796 | \$56,494 |
| \$3,672 | \$0 | \$0 | 936.000 STRUCTURE MAINTENANCE | \$5,000 | \$5,155 | \$5,315 | \$5,480 | \$5,649 |
| \$26,430 | \$24,450 | \$15,104 | 937.000 EQUIPMENT MAINTENANCE | \$25,000 | \$25,775 | \$26,574 | \$27,398 | \$28,247 |
| | \$8,483 | \$20,805 | 940.000 EQUIPMENT RENTAL | \$14,000 | \$14,434 | \$14,881 | \$15,343 | \$15,818 |
| \$183,196 | \$205,592 | \$200,234 | Dept.: 592.539 SEWERS | \$308,808 | \$318,381 | \$328,251 | \$338,427 | \$348,918 |
| | | | | | YEAR 2 | YEAR 3 | YEAR 4 | YEAR 5 |
| | | | | | 2026 | 2027 | 2028 | 2029 |

MICHIGAN RURAL WATER ASSOCIATION RATE EVALUATION PROGRAM

| Grand Ledge Sewer | PROPOSED BUDGET FOR FISCAL YEAR | YEAR 2 | YEAR 3 | YEAR 4 | YEAR 5 |
|---|---------------------------------|---------------------|---------------------|---------------------|---------------------|
| | | NEW BUDGET FOR YEAR | NEW BUDGET FOR YEAR | NEW BUDGET FOR YEAR | NEW BUDGET FOR YEAR |
| ANNUAL PERCENT INCREASE | | 3.10% | 3.10% | 3.10% | 3.10% |
| Dept.: 592.542 SEWER GENERAL EXPENSE | 2025 | 2026 | 2027 | 2028 | 2029 |
| 703.000 SALARIES/WAGES | \$48,019 | \$49,508 | \$51,042 | \$52,625 | \$54,256 |
| 703.100 OVERTIME | \$2,550 | \$2,629 | \$2,711 | \$2,795 | \$2,881 |
| 719.000 FRINGE BENEFITS | \$23,682 | \$24,416 | \$25,173 | \$25,953 | \$26,758 |
| 726.000 PERSONNEL ADMINISTRATION | \$3,000 | \$3,093 | \$3,189 | \$3,288 | \$3,390 |
| 752.000 OFFICE SUPPLIES | \$3,500 | \$3,609 | \$3,720 | \$3,836 | \$3,955 |
| 788.000 UNIFORMS | \$3,450 | \$3,557 | \$3,667 | \$3,781 | \$3,898 |
| 801.000 ENGINEERING | \$25,000 | \$25,775 | \$26,574 | \$27,398 | \$28,247 |
| 802.000 LEGAL FEES | \$15,000 | \$15,465 | \$15,944 | \$16,439 | \$16,948 |
| 802.010 LABOR ATTORNEY | \$1,000 | \$1,031 | \$1,063 | \$1,096 | \$1,130 |
| 803.000 TRASH REMOVAL | \$800 | \$825 | \$850 | \$877 | \$904 |
| 811.001 CONTRACTUAL - COMPUTER | \$10,000 | \$10,310 | \$10,630 | \$10,959 | \$11,299 |
| 811.003 EGGLE FEES | \$13,000 | \$13,403 | \$13,818 | \$14,247 | \$14,689 |
| 824.000 TRAINING | \$4,000 | \$4,124 | \$4,252 | \$4,384 | \$4,520 |
| 852.000 POSTAGE | \$8,600 | \$8,867 | \$9,141 | \$9,425 | \$9,717 |
| 853.000 TELEPHONE/INTERNET | \$18,840 | \$19,424 | \$20,026 | \$20,647 | \$21,287 |
| 900.000 PRINTING/PUBLISHING | \$2,500 | \$2,578 | \$2,657 | \$2,740 | \$2,825 |
| 935.000 INSURANCE | \$22,126 | \$22,812 | \$23,519 | \$24,248 | \$25,000 |
| 940.000 EQUIPMENT RENTAL | \$10,000 | \$10,310 | \$10,630 | \$10,959 | \$11,299 |
| 957.000 OPERATIONAL EXPENSE | \$0 | \$0 | \$0 | \$0 | \$0 |
| 968.000 DEPRECIATION | \$0 | \$0 | \$0 | \$0 | \$0 |
| 974.007 CAPITALIZED ASSETS | \$0 | \$0 | \$0 | \$0 | \$0 |
| 977.001 PLANT EQUIP REPLACEMENT | \$0 | \$0 | \$0 | \$0 | \$0 |
| 981.001 VEHICLE REPLACEMENT | \$0 | \$0 | \$0 | \$0 | \$0 |
| 991.000 DEBT-PRINCIPAL | \$0 | \$0 | \$0 | \$0 | \$0 |
| 992.000 DEBT-INTEREST | \$0 | \$0 | \$0 | \$0 | \$0 |
| 993.000 DEBT-PAYING AGENT FEES | \$0 | \$0 | \$0 | \$0 | \$0 |
| 995.306 TRANSFER TO 2019 DEBT SERVICE | \$0 | \$0 | \$0 | \$0 | \$0 |
| 995.661 TRANSFER TO EQUIPMENT OPERATING | \$12,500 | \$12,500 | \$12,888 | \$13,287 | \$13,699 |
| 997.101 INDIRECT COST CHARGES | \$220,108 | \$220,108 | \$226,931 | \$233,966 | \$241,219 |
| Dept.: 592.542 SEWER GENERAL EXPENSE | \$447,675 | \$454,342 | \$468,426 | \$482,948 | \$497,919 |
| | | YEAR 2 | YEAR 3 | YEAR 4 | YEAR 5 |
| | | 2026 | 2027 | 2028 | 2029 |

MICHIGAN RURAL WATER ASSOCIATION RATE EVALUATION PROGRAM

| Grand Ledge Sewer | | | | |
|---|-------------------|-------------------|-------------------|-----------------|
| NON-SALES & OTHER REVENUE | FY 2022 ACTUAL | FY 2023 ACTUAL | FY 2024 ACTUAL | 2025 |
| 628.000 OPERATIONAL REVENUES | \$671 | \$0 | \$7,401 | \$0 |
| 635.001 EQUIPMENT RENTAL | \$15,383 | \$27,254 | \$45,840 | \$15,383 |
| 635.003 REIMBURSEMENT FOR SALARIES | \$0 | \$0 | \$0 | \$0 |
| 635.004 REIMBURSEMENT FOR FRINGE BENFT | \$0 | \$0 | \$0 | \$0 |
| 635.007 REIMBURSE FOR OPERATING SUPPLY | \$675 | \$300 | \$375 | \$300 |
| 635.008 REIMBURSE MAINT SUPPLY-SEWER | \$0 | \$0 | \$0 | \$0 |
| 651.003 MISC SEWER SALES | \$0 | \$0 | \$150,185 | \$0 |
| 651.004 SEWER CAPITAL INVESTMENT FEES | \$2,000 | \$15,000 | \$5,000 | \$2,000 |
| 651.007 SEWER SEPARATION AMORTIZATION F | \$48,000 | \$24,000 | \$1,000 | \$1,000 |
| 651.008 SEWER TAP FEES | \$11,900 | \$6,500 | \$2,300 | \$2,300 |
| 673.000 SALE OF FIXED ASSETS | \$0 | \$0 | \$0 | \$0 |
| TOTAL INCOME (NON SALES) | \$78,629 | \$73,054 | \$212,101 | \$20,983 |
| AVERAGE NON SALES INCOME | | \$75,842 | \$121,261 | \$96,192 |
| Portion of (Non Sales) Revenue Guaranteed : | | | | \$20,000 |
| Percent Applied Towards Fixed Rate RTS Charge - PERCENT applied per REU | | | | 3% |
| ANNUAL DOLLARS APPLIED TOWARDS FIXED BUDGET - BASE RATE - RTS | | | | \$617 |
| TOTAL ANNUAL RESIDENTIAL EQUIVALENT UNITS "REU'S" | | | | 49,368 |
| REDUCTION PER REU PER BILLING PERIOD | | | | \$0.01 |
| ANNUAL DOLLARS APPLIED TOWARDS VARIABLE BUDGET - PER UNIT | | | | \$19,383 |
| ANNUAL UNITS OF WATER OR SEWER INVOICED | | | | 184,567 |
| REDUCTION PER UNIT OF WATER OR SEWER | | | | \$0.11 |

Grand Ledge Sewer

2025

DEBT SCHEDULE / AMORTIZATION SCHEDULE PRINCIPAL & INTEREST

| FISCAL YEAR STARTING | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|----------------------|------|------|------|------|------|------|------|------|------|------|
| | 2025 | 2026 | 2027 | 2028 | 2029 | 2030 | 2031 | 2032 | 2033 | 2034 |

| PURPOSE OF LOAN | ESTIMATED COST PER REU | DATE OF ISSUE | DATE OF MATURITY | PAID BY RATES | RESERVE REQUIREMENT |
|-----------------|------------------------|---------------|------------------|---------------|---------------------|
| | \$0.00 | 2004 | 2025 | YES | NO |

| PURPOSE OF LOAN | COST PER REU | DATE OF ISSUE | DATE OF MATURITY | PAID BY RATES | RESERVE REQUIREMENT |
|--|--------------|---------------|------------------|---------------|---------------------|
| 2019 Capital Improvement Bonds complete 2034 | \$2.98 | 2020 | 2035 | YES | NO |

| PURPOSE OF LOAN | COST PER REU | DATE OF ISSUE | DATE OF MATURITY | PAID BY RATES | RESERVE REQUIREMENT |
|--------------------------|--------------|---------------|------------------|---------------|---------------------|
| 2009 Bonds Complete 2029 | \$4.54 | 2009 | 2029 | YES | NO |

| TOTAL CURRENT ANNUAL DEBT PAYMENTS | ESTIMATED COST PER REU | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|------------------------------------|------------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| | | \$371,205 | \$371,205 | \$371,205 | \$371,205 | \$371,205 | \$371,205 | \$371,205 | \$371,205 | \$371,205 | \$371,205 |
| USDA RESERVE REQUIREMENTS | | \$0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | \$371,205 | \$371,205 | \$371,205 | \$371,205 | \$371,205 | \$371,205 | \$371,205 | \$371,205 | \$371,205 | \$371,205 |

| TOTAL CURRENT ANNUAL DEBT PAYMENTS | ESTIMATED COST PER REU | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|------------------------------------|------------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| | | \$371,205 | \$371,205 | \$371,205 | \$371,205 | \$371,205 | \$371,205 | \$371,205 | \$371,205 | \$371,205 | \$371,205 |
| | | \$7.52 | \$7.52 | \$7.52 | \$7.52 | \$7.52 | \$7.52 | \$7.52 | \$7.52 | \$7.52 | \$7.52 |

| TOTAL CURRENT ANNUAL DEBT PAYMENTS | ESTIMATED COST PER REU | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|------------------------------------|------------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| | | \$371,205 | \$371,205 | \$371,205 | \$371,205 | \$371,205 | \$371,205 | \$371,205 | \$371,205 | \$371,205 | \$371,205 |
| | | \$7.52 | \$7.52 | \$7.52 | \$7.52 | \$7.52 | \$7.52 | \$7.52 | \$7.52 | \$7.52 | \$7.52 |

| TOTAL AMOUNT FINANCED | COST PER REU | DATE OF ISSUE | DATE OF MATURITY |
|-----------------------|--------------|---------------|------------------|
| \$0 | \$9.63 | 2024 | 2047 |

| TOTAL AMOUNT FINANCED | COST PER REU | DATE OF ISSUE | DATE OF MATURITY |
|-----------------------|--------------|---------------|------------------|
| \$0 | \$9.63 | 2024 | 2047 |

Grand Ledge Sewer

EQUIPMENT REPLACEMENT SHORT LIVED ASSETS

2025

SHORT LIVED ASSETS SOMEWHERE BETWEEN 0-15 OR 20 YEARS

YOUR ANTICIPATED NORMAL INTENDED USEFUL LIFE OR YEARS BETWEEN REHAB SHOULD BE BASED ON PAST MAINTENANCE HISTORY, WELL MAINTENANCE RECORDS AND WATER TOWER INSPECTION REPORTS. - A COPY OF THESE REPORTS SHOULD BE INCLUDED IN YOUR RATE EVALUATION AS AN ATTACHMENT OR APPENDIX -- ALSO NOTE; IF YOU ARE APPLYING FOR A USDA RURAL DEVELOPMENT GRANT OR HOPE TO GET A USDA GRANT - THE REMAINING YEARS OF LIFE FOR ANY EQUIPMENT CAN NOT EXCEED 15 YEARS. FOR ANYTHING - WATER METERS WATER TOWER PAINTING ETC. ONCE THE USEFUL LIFE OR NEXT ANTICIPATED MAINTENANCE IS LESS THAN 15 YEARS AWAY IT CAN BE LISTED HERE,

| FIXED ASSET INVENTORY | | ASSET REPLACEMENT SCHEDULE | | | | | | | |
|---------------------------------------|-----------------------------------|---|---------------------------------------|-------------|-----------------------------------|---|------------------------|-----------------------|-------------------------------------|
| EQUIPMENT LIST / MAINTENANCE ACTIVITY | DESCRIPTION / MAINTENANCE HISTORY | ORIGINAL INSTALLATION YEAR OR LAST REHAB YEAR | ESTIMATED NORMAL INTENDED USEFUL LIFE | CURRENT AGE | NEXT ANTICIPATED REPLACEMENT YEAR | REMAINING LIFE - YEARS BEFORE REPLACEMENT | TOTAL REPLACEMENT COST | PERCENT OF ASSET LEFT | REPLACEMENT MONEY RESERVED ANNUALLY |
| Eaton Hwy | | | | | | | | | |
| (2) Pumps | | 2024 | 15 | 1 | 2039 | 14 | \$24,000 | 93% | \$1,600 |
| ELECTRIC PANEL & CONTROLS | In O & M budget | 2023 | 25 | 2 | 2048 | 23 | \$1 | 92% | \$0 |
| Loch Ledge | | | | | | | | | |
| (2) Pumps | | 2024 | 15 | 1 | 2039 | 14 | \$16,000 | 93% | \$1,067 |
| ELECTRIC PANEL & CONTROLS | In O & M budget | 2024 | 25 | 1 | 2049 | 24 | \$1 | 96% | \$0 |
| Burt Ave | | | | | | | | | |
| (2) Pumps | In O & M budget | 2016 | 15 | 9 | 2031 | 6 | \$16,000 | 40% | \$1,067 |
| ELECTRIC PANEL & CONTROLS | In O & M budget | 2004 | 25 | 21 | 2023 | -2 | \$1 | -11% | \$0 |
| Whitney St | | | | | | | | | |
| (2) Pumps | | 2024 | 15 | 15 | 2039 | 14 | \$54,000 | 93% | \$3,600 |
| ELECTRIC PANEL & CONTROLS | In O & M budget | 2018 | 25 | 7 | 2043 | 18 | \$1 | 72% | \$0 |
| (2) Motors | In O & M budget | 2013 | 15 | 15 | 2028 | 3 | \$1 | 20% | \$0 |
| W River St | | | | | | | | | |
| Pump 1 | NEW 2021 | 2021 | 15 | 4 | 2036 | 11 | \$22,000 | 73% | \$1,467 |
| PUMP 2 | NEW 2021 | 2021 | 15 | 4 | 2036 | 11 | \$22,000 | 73% | \$1,467 |
| PUMP 3 | NEW 2021 | 2021 | 15 | 4 | 2036 | 11 | \$22,000 | 73% | \$1,467 |
| MOTOR 1 | In O & M budget | 2017 | 15 | 8 | 2032 | 7 | \$1 | 47% | \$0 |
| MOTOR 2 | In O & M budget | 2021 | 15 | 4 | 2036 | 11 | \$1 | 73% | \$0 |
| MOTOR 3 | In O & M budget | 2011 | 15 | 14 | 2026 | 1 | \$1 | 7% | \$0 |
| (3) Check Valve 6" - 900 EACH | In O & M budget | 1990 | 35 | 35 | 2025 | 0 | \$1 | 0% | \$0 |
| Control Panel Allen Brady | In O & M budget | 2010 | 20 | 15 | 2030 | 5 | \$1 | 25% | \$0 |
| Electric Panel/Gear | In O & M budget | 2010 | 20 | 15 | 2030 | 5 | \$1 | 25% | \$0 |
| (3) VFD | 2 REPLACED IN 2016 | 2016 | 15 | 9 | 2031 | 6 | \$30,000 | 40% | \$2,000 |
| Mag/Flowmeter | In O & M budget | 2010 | 20 | 15 | 2030 | 5 | \$1 | 25% | \$0 |
| Overflow Mag | In O & M budget | 2010 | 25 | 15 | 2035 | 10 | \$1 | 40% | \$0 |
| Generator | Portable | 1990 | 40 | 35 | 2030 | 5 | \$50,000 | 13% | \$1,250 |
| Confined Space Hoist/System | In O & M budget | 2016 | 20 | 9 | 2036 | 11 | \$1 | 55% | \$0 |
| BUILDING MAINT - ROOF & HEAT ETC | | 2015 | 20 | 10 | 2035 | 10 | \$18,000 | 50% | \$900 |
| Generator Stationary | | 1995 | 40 | 30 | 2035 | 10 | \$50,000 | 25% | \$1,250 |
| W Jefferson St | | | | | | | | | |
| (2) Pumps | | 2006 | 20 | 19 | 2026 | 1 | \$70,000 | 5% | \$3,500 |
| Generator | | 2006 | 35 | 19 | 2041 | 16 | \$80,000 | 46% | \$2,286 |
| (2) Check Valves | In O & M budget | 2006 | 25 | 19 | 2031 | 6 | \$1 | 24% | \$0 |
| (2) VFD Cutler Hammer SUX 9000 | | 2006 | 20 | 19 | 2026 | 1 | \$25,000 | 5% | \$1,250 |

Grand Ledge Sewer

EQUIPMENT REPLACEMENT SHORT LIVED ASSETS

2025

SHORT LIVED ASSETS SOMEWHERE BETWEEN 0-15 OR 20 YEARS

YOUR ANTICIPATED NORMAL INTENDED USEFUL LIFE OR YEARS BETWEEN REHAB SHOULD BE BASED ON PAST MAINTENANCE HISTORY, WELL MAINTENANCE RECORDS AND WATER TOWER INSPECTION REPORTS. - A COPY OF THESE REPORTS SHOULD BE INCLUDED IN YOUR RATE EVALUATION AS AN ATTACHMENT OR APPENDIX -- ALSO NOTE; IF YOU ARE APPLYING FOR A USDA RURAL DEVELOPMENT GRANT OR HOPE TO GET A USDA GRANT - THE REMAINING YEARS OF LIFE FOR ANY EQUIPMENT CAN NOT EXCEED 15 YEARS. FOR ANYTHING - WATER METERS WATER TOWER PAINTING ETC. ONCE THE USEFUL LIFE OR NEXT ANTICIPATED MAINTENANCE IS LESS THAN 15 YEARS AWAY IT CAN BE LISTED HERE,

| FIXED ASSET INVENTORY | | ASSET REPLACEMENT SCHEDULE | | | | | | | |
|---------------------------------------|-----------------------------------|---|---------------------------------------|-------------|-----------------------------------|---|------------------------|-----------------------|-------------------------------------|
| EQUIPMENT LIST / MAINTENANCE ACTIVITY | DESCRIPTION / MAINTENANCE HISTORY | ORIGINAL INSTALLATION YEAR OR LAST REHAB YEAR | ESTIMATED NORMAL INTENDED USEFUL LIFE | CURRENT AGE | NEXT ANTICIPATED REPLACEMENT YEAR | REMAINING LIFE - YEARS BEFORE REPLACEMENT | TOTAL REPLACEMENT COST | PERCENT OF ASSET LEFT | REPLACEMENT MONEY RESERVED ANNUALLY |
| (3) Valves Butterfly | | 2006 | 25 | 19 | 2031 | 6 | \$16,000 | 24% | \$640 |
| Mag Flowmeter | In O & M budget | 2006 | 20 | 19 | 2026 | 1 | \$1 | 5% | \$0 |
| Controls Multismart | In O & M budget | 2006 | 20 | 19 | 2026 | 1 | \$1 | 5% | \$0 |
| Electric Gear/Panels | In O & M budget | 2006 | 25 | 19 | 2031 | 6 | \$1 | 24% | \$0 |
| Fitzgerald Field | | | | | | | | | |
| (2) Pumps | | 1995 | 30 | 30 | 2023 | -2 | \$14,000 | -7% | \$467 |
| Controls | In O & M budget | 2018 | 20 | 7 | 2038 | 13 | \$1 | 65% | \$0 |
| | | | | | | | \$529,019 | 45% | \$ 25,277 |

**Grand Ledge Sewer
EQUIPMENT REPLACEMENT PAGE 2**

2025

MID-TERM ASSETS 15-30 YEARS

| FIXED ASSET INVENTORY | | ASSET REPLACEMENT SCHEDULE | | | | | | | ANNUAL RESERVE |
|--|-----------------------------------|----------------------------|-----------------------------|-------------|-----------------------|---|------------------------|------------------|-------------------------------------|
| EQUIPMENT LIST / MAINTENANCE ACTIVITY | DESCRIPTION / MAINTENANCE HISTORY | ORIGINAL INSTALLATION YEAR | NORMAL INTENDED USEFUL LIFE | CURRENT AGE | NEXT REPLACEMENT YEAR | REMAINING LIFE - YEARS BEFORE REPLACEMENT | TOTAL REPLACEMENT COST | PERCENT CONSUMED | REPLACEMENT MONEY RESERVED ANNUALLY |
| /Screening Room | | | | | | | | | |
| Bar Screen | | 2010 | 20 | 15 | 2030 | 5 | \$70,000 | 75% | \$3,500 |
| Washing Screw Compactor | | 2010 | 20 | 15 | 2030 | 5 | \$45,000 | 75% | \$2,250 |
| Controls | | 2010 | 20 | 15 | 2030 | 5 | \$30,000 | 100% | \$1,500 |
| Recycle Pump | In O & M budget | 2011 | 20 | 14 | 2031 | 6 | \$1 | 70% | \$0 |
| Electric Controls | In O & M budget | 2011 | 20 | 14 | 2031 | 6 | \$1 | 70% | \$0 |
| Gas Detectors | In O & M budget | 2011 | 20 | 14 | 2031 | 6 | \$1 | 100% | \$0 |
| Exhaust Fan | In O & M budget | 2011 | 20 | 14 | 2031 | 6 | \$1 | 70% | \$0 |
| Chlorine Tablet | In O & M budget | 2011 | 20 | 14 | 2031 | 6 | \$1 | 70% | \$0 |
| Muffin Monster | | 2011 | 20 | 14 | 2031 | 6 | \$20,000 | 100% | \$1,000 |
| MAINTENANCE BLD - ROOF ETC. | | 2011 | 20 | 14 | 2031 | 6 | \$40,000 | 70% | \$2,000 |
| ELECTRICAL PANELS | | 2011 | 25 | 14 | 2036 | 11 | \$30,000 | 56% | \$1,200 |
| Grit Building | | | | | | | | | |
| Sampler for Influent | In O & M budget | | | | | | | | |
| Grit Blower and 10 H.P. Motor | | 2011 | 15 | 14 | 2026 | 1 | \$22,500 | 93% | \$1,500 |
| Exhaust Fan | In O & M budget | 2011 | 20 | 14 | 2031 | 6 | \$1 | 70% | \$0 |
| Parshall Flume | In O & M budget | 2011 | 30 | 14 | 2041 | 16 | \$1 | 47% | \$0 |
| Influent Flow Meter | In O & M budget | 2011 | 15 | 14 | 2026 | 1 | \$1 | 93% | \$0 |
| Chlorine Room | | | | | | | | | |
| Chlorine Pace Unit | In O & M budget | 2019 | 10 | 6 | 2029 | 4 | \$1 | 60% | \$0 |
| (2) Chlorine Regulators | In O & M budget | 2018 | 10 | 7 | 2028 | 3 | \$1 | 70% | \$0 |
| Chlorine Gas Leak Detector | In O & M budget | 2011 | 15 | 14 | 2026 | 1 | \$1 | 93% | \$0 |
| Final Effluent Flow Meter | In O & M budget | 2011 | 10 | 14 | 2023 | -2 | \$1 | 117% | \$0 |
| Pump Room | | | | | | | | | |
| 1 Lobe Pro Sludge Pumps 15 H.P. 1 | | 2018 | 10 | 7 | 2028 | 3 | \$18,000 | 70% | \$1,800 |
| Lobe Pro Sludge Pumps 15 H.P. 2 | | 2019 | 10 | 6 | 2029 | 4 | \$18,000 | 60% | \$1,800 |
| Return Pumps 15 H.P. 1 | | 2020 | 12 | 5 | 2032 | 7 | \$30,000 | 42% | \$2,500 |
| Return Pumps 15 H.P. 2 | | 2020 | 12 | 5 | 2032 | 7 | \$30,000 | 42% | \$2,500 |
| Return Pumps 15 H.P. 3 | | 2013 | 12 | 12 | 2025 | 0 | \$30,000 | 100% | \$2,500 |
| (2) Effluent Pumps 10 H.P. | In O & M budget | 2012 | 20 | 13 | 2032 | 7 | \$1 | 65% | \$0 |
| Power Valve | In O & M budget | 2014 | 10 | 11 | 2024 | -1 | \$1 | 110% | \$0 |
| (3) "Mags" Return Sludge Waste | ONE REPLACED ON WAS 2019 | 2009 | 15 | 16 | 2024 | -1 | \$15,000 | 107% | \$1,000 |
| Cummins Diesel Powered Generator - NEW 2011 40 YRS | | 2011 | 30 | 14 | 2041 | 16 | \$175,000 | 47% | \$5,833 |
| Intermediate Lift Station | | | | | | | | | |
| (3) 15 H.P. Submersible Pumps | | 2011 | 20 | 14 | 2031 | 6 | \$48,000 | 70% | \$2,400 |
| Hoist for Pump Service | In O & M budget | 2011 | 30 | 14 | 2041 | 16 | \$1 | 47% | \$0 |
| Electric Panel and Controls | | 2011 | 20 | 14 | 2031 | 6 | \$15,000 | 70% | \$750 |
| Primary Tanks (2) | | | | | | | | | |
| Flight Drive | | 2020 | 30 | 5 | 2050 | 25 | \$30,000 | 17% | \$1,000 |
| Cross Screws | | 1975 | 46 | 50 | 2023 | -2 | \$12,500 | 104% | \$272 |
| Replacement Chain/Flights | | 2009 | 15 | 16 | 2024 | -1 | \$22,140 | 107% | \$1,476 |
| | | | | | | | \$872,155 | | \$ 48,182 |

**Grand Ledge Sewer
EQUIPMENT REPLACEMENT PAGE 3**

2025

**ANNUAL
RESERVE**

FIXED ASSET INVENTORY

ASSET REPLACEMENT SCHEDULE

| EQUIPMENT LIST / MAINTENANCE ACTIVITY | DESCRIPTION / NOTES | ORIGINAL INSTALLATION YEAR | NORMAL INTENDED USEFUL LIFE | CURRENT AGE | NEXT REPLACEMENT YEAR | TOTAL REPLACEMENT COST | PERCENT OF ASSET LEFT | PERCENT CONSUMED | REPLACEMENT MONEY RESERVED ANNUALLY |
|---|---------------------|----------------------------|-----------------------------|-------------|-----------------------|------------------------|-----------------------|------------------|-------------------------------------|
| Final Clarifier Drives | | | | | | | | | |
| (1) Final Drive Gearbox/Clarifier | | 2017 | 45 | 8 | 2062 | \$125,000 | 82% | 18% | \$2,778 |
| (1) Final Drive Gearbox/Clarifier | | 2018 | 45 | 7 | 2063 | \$125,000 | 84% | 16% | \$2,778 |
| Chemical Feed Room | | | | | | | | | |
| | In O & M budget | | | | | | | | |
| Lime Pumps 1 | In O & M budget | 2009 | 15 | 16 | 2024 | \$1 | -7% | 107% | \$0 |
| Lime Pumps 2 | In O & M budget | 2000 | 15 | 25 | 2015 | \$1 | -67% | 167% | \$0 |
| Ferric Pumps (2) | In O & M budget | | | | | | | | |
| Bisulfite Pumps | | 2011 | 15 | 14 | 2026 | \$1 | 7% | 93% | \$0 |
| 5,000 Gallon Ferric Tanks (2) | In O & M budget | 2002 | 20 | 23 | 2022 | \$27,942 | -15% | 115% | \$1,397 |
| Pulse Dampeners for Lime Pumps (2) | In O & M budget | | | | | | | | |
| Lime Dust Collector | | 2013 | 40 | 12 | 2023 | \$1 | -20% | 120% | \$0 |
| Lab Equipment | In O & M budget | 2004 | 40 | 21 | 2044 | \$1 | 48% | 53% | \$0 |
| Spectrophotometer | In O & M budget | 2016 | 10 | 9 | 2026 | \$1 | 10% | 90% | \$0 |
| "Top Loader" Scale | In O & M budget | | 20 | | | | | | |
| "Door Scale" | In O & M budget | 2024 | 20 | 1 | 2023 | \$1 | 200% | -100% | \$0 |
| Drying Oven | In O & M budget | 2019 | 20 | 6 | 2039 | \$1 | 70% | 30% | \$0 |
| pH Meter | In O & M budget | 2016 | 10 | 9 | 2026 | \$1 | 10% | 90% | \$0 |
| Muffle Furnace | In O & M budget | 2017 | 10 | 8 | 2027 | \$1 | 20% | 80% | \$0 |
| BOD Incubator | In O & M budget | 2014 | 15 | 11 | 2029 | \$1 | 27% | 73% | \$0 |
| Autoclave | In O & M budget | 2012 | 15 | 13 | 2027 | \$1 | 13% | 87% | \$0 |
| BOD Meter | In O & M budget | 2017 | 8 | 8 | 2025 | \$1 | 0% | 100% | \$0 |
| Water Softener | In O & M budget | 2000 | 20 | 25 | 2023 | \$1 | -9% | 109% | \$0 |
| Primary Sampler | In O & M budget | 2010 | 15 | 15 | 2025 | \$1 | 0% | 100% | \$0 |
| Final Sampler | In O & M budget | 2008 | 15 | 17 | 2023 | \$1 | -13% | 113% | \$0 |
| Scada Computer | In O & M budget | 2020 | 1 | 5 | 2023 | \$1 | -67% | 167% | \$1 |
| Scada Computer "Backup" | In O & M budget | 2020 | 7 | 5 | 2027 | \$1 | 29% | 71% | \$0 |
| SCADA SOFTWARE | | 2020 | 20 | 5 | 2040 | \$50,000 | 75% | 25% | \$2,500 |
| Miscellaneous | | | | | | | | | |
| | In O & M budget | | | | | | | | |
| Heat and A/C Unit for WWTP on Roof | | 2010 | 20 | 15 | 2030 | \$35,000 | 25% | 75% | \$1,750 |
| ROOF - MAIN WWTP BUILDING | | 2019 | 20 | 6 | 2039 | \$35,000 | 70% | 30% | \$1,750 |
| Vehicles | | | | | | | | | |
| Vactor | | 2022 | 10 | 3 | 2033 | \$470,000 | 73% | 27% | \$47,000 |
| Camera Truck | | 2013 | 15 | 12 | 2028 | \$120,000 | 20% | 80% | \$8,000 |
| 2017 Dodge PICKUP INCLUDES PLOW & SERVICE BODY | In O & M budget | 2017 | 8 | 8 | 2025 | \$68,000 | 0% | 100% | \$8,500 |
| Crane/Hoist | | 2014 | 20 | 11 | 2034 | \$1 | 45% | 55% | \$0 |
| ROOFS - GRIT, INTERMEDIATE LS, VALVE, CONTROL BLD | | 1997 | 20 | 28 | 2023 | \$15,000 | -8% | 108% | \$750 |
| | | | | | | \$1,070,961 | 25% | | \$ 77,205 |

| | | | |
|---|-------------|---------------------|------------|
| Grand Ledge Sewer | 2025 | | |
| CAPITAL IMPROVEMENT PROJECTS SUMMARY | | PERCENT DOWNPAYMENT | 10% |
| CAPITAL IMPROVEMENT IDEAS WERE GENERATED FROM | | | |

MRWA DOES NOT RECOMMEND OR SUGGEST FINANCING OPTIONS. IT IS UP TO THE COMMUNITY AND THEIR ADVOCATES TO DECIDE WHAT FINANCING OPTIONS WORK BEST FOR THEM AND THEIR FUTURE PROJECTS.

ENTER ITEMS ON THIS PAGE FIRST - THEN SEE INDIVIDUAL PAGES FOR ENTERING DETAILS ON EACH PROJECT -

| CAPITAL PROJECTS - FOR DETAILS OF EACH PROJECT SEE INDIVIDUAL PAGES | ESTIMATED PROJECT COST | CASH CONTRIBUTION FROM RATES | AMOUNT FINANCED | COMPLETE IN YEAR OF | IS THIS YEAR FLEXIBLE? | MONEY NEEDED ANNUALLY |
|--|---------------------------|------------------------------------|--------------------|------------------------|------------------------------|--------------------------|
| WWTP Expansion (\$52,395,000) | \$52,395,000 | \$0 | \$52,395,000 | 2025 | | |
| Whitney Lift Station Rehab | \$120,000 | \$120,000 | \$0 | 2025 | | |
| M43 Sewer Upgrade | \$315,000 | \$315,000 | \$0 | 2025 | | |
| Union Street Phase 1 (Clinton to Church) | \$445,000 | \$445,000 | \$0 | 2026 | | \$445,000 |
| W Jefferson force main/W River Lift Station | \$0 | \$0 | \$0 | 2026 | | \$0 |
| Belknap Reconstruction | \$290,000 | \$290,000 | \$0 | 2027 | | \$145,000 |
| Spring St Reconstruction | \$259,000 | \$259,000 | \$0 | 2028 | | \$86,333 |
| Industrial park lift station | \$1,150,000 | \$1,150,000 | \$0 | 2029 | | \$287,500 |
| Union Street Phase 2 (Church to Whitney) | \$445,000 | \$445,000 | \$0 | 2029 | | \$111,250 |
| Colonial Park Reconstruction | \$237,000 | \$237,000 | \$0 | 2030 | | \$47,400 |
| Infiltration Inflow and reduction | \$941,000 | \$941,000 | \$0 | 2031 | | \$156,833 |
| W. South Reconstruction | \$325,000 | \$325,000 | \$0 | 2032 | | \$46,429 |
| W. Colonial Park | \$288,000 | \$288,000 | \$0 | 2033 | | \$36,000 |
| Jackson | \$230,000 | \$230,000 | \$0 | 2033 | | \$28,750 |
| | | | \$0 | | | \$0 |

| | | | | | |
|---------------------|--------------------|---------------------|--|--|--------------------|
| \$57,440,000 | \$5,045,000 | \$52,395,000 | | | \$1,390,495 |
|---------------------|--------------------|---------------------|--|--|--------------------|

| CAPITAL IMPROVEMENT RUNNING BALANCE PROJECTIONS & ANNUAL FUNDING | | | | |
|---|---------------------|------------------------|--|-----------------|
| ANNUAL COST OF LIVING INCREASE TO PROJECTS | | | 3.10% | |
| CURRENT RESERVE BALANCE APPLIED TO CAPITAL IMPROVEMENTS | | | \$775,000 | |
| AVG. INTEREST RATE IN SAVINGS | | | 0.00% | |
| IF AN ANNUAL COLA RATE ADJUSTMENT PERCENT OF | | | 3.10% | |
| RUNNING BALANCE COLUMN REFLECTS THIS FUND ONLY. THE AVERAGE ANNUAL FUNDING DOES NOT REFLECT ANY EXTRA REVENUE GENERATED BY FUTURE ANNUAL RATE INCREASES. FOR A TRUE RUNNING BALANCE OF THE OVERALL HEALTH OF THE WATER SYSTEM SEE THE 10 YEAR PROJECTIONS PAGE. | | | | |
| YEAR | ANNUAL EXPENDITURES | COLA ADJUSTMENT | AVERAGE ANNUAL FUNDING AMOUNT IN RATE BUDGET | RUNNING BALANCE |
| 2025 | \$435,000 | \$0 | <u>\$279,704</u> | \$619,704 |
| 2026 | \$458,795 | <u>\$8,671</u> | \$288,375 | \$457,955 |
| 2027 | \$307,980 | <u>\$8,940</u> | \$297,314 | \$456,229 |
| 2028 | \$283,087 | <u>\$9,217</u> | \$306,531 | \$488,890 |
| 2029 | \$1,792,780 | <u>\$9,502</u> | \$316,034 | (\$978,354) |
| 2030 | \$273,735 | <u>\$9,797</u> | \$325,831 | (\$916,461) |
| 2031 | \$0 | <u>\$10,101</u> | \$335,931 | (\$570,429) |
| 2032 | \$395,525 | <u>\$10,414</u> | \$346,345 | (\$609,195) |
| 2033 | \$646,464 | <u>\$10,737</u> | \$357,082 | (\$887,840) |
| 2034 | \$0 | <u>\$11,070</u> | \$368,152 | (\$508,619) |
| 2035 | \$0 | <u>\$11,413</u> | \$379,564 | (\$117,642) |
| 2036 | \$0 | <u>\$11,766</u> | \$391,331 | \$285,455 |
| 2037 | \$0 | <u>\$12,131</u> | \$403,462 | \$701,048 |
| | \$0 | <u>\$12,507</u> | \$415,969 | \$1,129,525 |
| 1 | \$0 | <u>\$12,895</u> | \$428,864 | \$1,571,284 |
| 2 | \$0 | <u>\$13,295</u> | \$442,159 | \$2,026,738 |

CAPITAL PROJECTS POSSIBLE LOAN INFORMATION

THESE LOAN PAYMENTS WILL NEED TO BE MANUALLY ENTERED INTO THE DEBT SCHEDULE PAGE

[42 DEBT SCHEDULE PAGE](#)

2.00%

THIS IS A ESTIMATED PROJECTION ON A POSSIBLE LOAN FOR THE LISTED CAPITAL PROJECTS. THIS INFORMATION SHOULD BE REVIEWED WITH A CERTIFIED FINANCIAL PLANNER - MRWA IS NOT A CERTIFIED FINANCIAL PLANNER

| | ESTIMATED AMOUNT FINANCED with COLA | INTEREST RATE | LENGTH OF LOAN IN YEARS | CASH CONTRIBUTION | ESTIMATED ANNUAL LOAN PAYMENT | COST PER REU |
|------|-------------------------------------|---------------|-------------------------|-------------------|-------------------------------|--------------|
| 2025 | \$52,395,000 | | | \$435,000 | | |
| 2026 | \$0 | | | \$0 | | |
| 2027 | \$0 | | 30 | \$0 | (\$0) | \$0.00 |
| 2028 | \$0 | 4.00% | 20.00 | \$0 | (\$0) | \$0.00 |
| 2029 | \$0 | | | \$0 | | |
| 2030 | \$0 | 4.00% | 20 | \$0 | (\$0) | \$0.00 |
| 2031 | \$0 | | | \$0 | | |
| 2032 | \$0 | | | \$0 | | |
| 2033 | \$0 | | | \$0 | | |
| 2034 | \$0 | | | \$0 | | |
| 2035 | \$0 | | | \$0 | | |
| 2036 | \$0 | | | \$0 | | |
| 2037 | \$0 | | | \$0 | | |
| 2038 | \$0 | | | \$0 | | |
| 2039 | \$0 | | | \$0 | | |
| 2040 | \$0 | | | \$0 | | |

MICHIGAN RURAL WATER ASSOCIATION RATE EVALUATION PROGRAM

| FINAL ANALYSIS RATE CALCULATION - CURRENT FISCAL YEAR | | 2025 | | | | | | |
|---|--|--------------------|------------------------------|-------------------------------|--|----------------------------------|--|--|
| Grand Ledge Sewer | | ANNUAL BUDGET | PERCENT FIXED EXPENSES | ASSIGNED AS FIXED EXPENSES | RTS CHARGE COST PER METER EQUIVALENT | ASSIGNED AS VARIABLE EXPENSES | VOLUME CHARGE \$ COST PER 1,000 GALLONS | |
| Dept.: 592.536 PLANT OPERATION & MAINTENANCE | | \$863,004 | 3% | \$26,611 | \$0.54 | \$836,393 | \$4.532 | |
| Dept.: 592.538 LIFT STATION | | \$86,315 | 3% | \$2,662 | \$0.05 | \$83,654 | \$0.463 | |
| Dept.: 592.539 SEWERS | | \$308,808 | 3% | \$9,522 | \$0.19 | \$299,286 | \$1.622 | |
| Dept.: 592.542 SEWER GENERAL EXPENSE | | \$447,675 | 3% | \$13,804 | \$0.28 | \$433,871 | \$2.351 | |
| OPERATION & MAINTENANCE EXPENSES | | \$1,705,803 | | \$52,599 | \$1.07 | \$1,653,204 | \$8.957 | |
| DEBT - PRINCIPAL & INTEREST ANNUAL PAYMENTS | | | | | | | | |
| 2019 Capital Improvement Bonds complete 2034 | | \$0 | 100% | \$0 | \$0.00 | \$0 | \$0.00 | |
| 2009 Bonds Complete 2029 | | \$146,978 | 100% | \$146,978 | \$2.98 | \$0 | \$0.00 | |
| | | \$224,227 | 100% | \$224,227 | \$4.54 | \$0 | \$0.00 | |
| | | \$0 | 100% | \$0 | \$0.00 | \$0 | \$0.00 | |
| | | \$0 | 100% | \$0 | \$0.00 | \$0 | \$0.00 | |
| NEW ANTICIPATED CAPITAL LOANS | | | | | | | | |
| WWTP | | \$475,481 | 100% | \$475,481 | \$9.63 | \$0 | \$0.00 | |
| | | \$0 | 100% | \$0 | \$0.00 | \$0 | \$0.00 | |
| | | \$0 | 100% | \$0 | \$0.00 | \$0 | \$0.00 | |
| | | \$0 | 100% | \$0 | \$0.00 | \$0 | \$0.00 | |
| ANNUAL DEBT PAYMENTS PRINCIPAL & INTEREST | | \$846,686 | | \$846,686 | \$17.15 | \$0 | \$0.00 | |
| RESERVES | | | | | | | | |
| ANNUAL O & M + DEBT | | \$2,552,489 | | \$899,285 | \$18.22 | \$1,653,204 | \$8.96 | |
| EQUIPMENT REPLACEMENT & RESERVE REQUIREMENTS | | \$165,500 | | \$5,103 | \$0.10 | \$160,397 | \$0.87 | |
| CAPITAL IMPROVEMENT AVERAGE ANNUAL BUDGETED AMOUNT | | \$279,704 | 3% | \$8,625 | \$0.17 | \$271,079 | \$1.47 | |
| WWTP First Payment 2026 FY24, 25, 26 | | \$1,980,150 | 100% | \$1,980,150 | \$40.11 | | \$0.00 | |
| CAPITAL + EQUIPMENT & WWTP expansion | | \$2,425,354 | | \$1,983,878 | \$40.39 | \$431,476 | \$2.34 | |
| ADOPTED BUDGET | | \$4,977,843 | | \$2,893,164 | | \$2,084,680 | | |
| REVENUE COLLECTED CALCULATED RATES | | \$4,957,843 | 3.08% | \$2,892,547 | | \$2,065,296 | | |
| REVENUE COLLECTED CURRENT RATES | | \$4,351,677 | | | | | | |
| CALCULATED RATE PER METER EQUIVALENT | | | | PER MONTH | \$58.59 | RATE PER 1,000 GAL. | \$11.19 | |
| ANNUAL METER EQUIVALENTS / REUS COUNT 48,368 | | | | CURRENT RATES | \$48.59 | | \$9.86 | |
| ANTICIPATED EQUIVALENT GALLONS / UNITS 184,567 | | | | PERCENT INCREASE | 20.6% | | 13.5% | |
| INVOICES PER YEAR 12 | | | | INCREASE OF | \$10.00 | | \$1.33 | |
| NOTES | | | | PERCENT RESERVE | 48.7% | | | |

| Grand Ledge Sewer | | | |
|----------------------|--------------------------|--------------------------|---|
| | CURRENT | NEW | DIFFERENCE |
| PER 1,000 GAL. | \$9.86 | \$11.19 | \$1.33 |
| 2025 | CURRENT | NEW | DIFFERENCE PER MONTH |
| METER SIZE IN INCHES | READY TO SERVE PER MONTH | READY TO SERVE PER MONTH | METER RATIO FACTOR - REU'S PER METER SIZE |
| 3/4 | \$48.59 | \$58.59 | 1.00 |
| 1 | \$121.48 | \$146.48 | 2.50 |
| 1 1/2 | \$242.95 | \$292.96 | 5.00 |
| 2 | \$388.72 | \$468.73 | 8.00 |
| 3 | \$777.44 | \$937.46 | 16.00 |
| 4 | \$1,214.75 | \$1,464.79 | 25.00 |
| 6 | \$2,429.50 | \$2,929.58 | 50.00 |
| 8 | \$3,887.20 | \$4,687.32 | 80.00 |

| Oneida Twp Sewer | |
|--------------------------|--------------------------|
| CURRENT | NEW |
| \$9.86 | \$11.19 |
| CURRENT | NEW |
| READY TO SERVE PER MONTH | READY TO SERVE PER MONTH |
| \$48.59 | \$58.59 |
| \$121.48 | \$146.48 |
| \$242.95 | \$292.96 |
| \$388.72 | \$468.73 |
| \$777.44 | \$937.46 |
| \$1,214.75 | \$1,464.79 |
| \$2,429.50 | \$2,929.58 |
| \$3,887.20 | \$4,687.32 |