



BOARD OF WATERWORKS COMMISSIONERS AGENDA

October 17, 2022 at 3:30 PM

Water Utility Admin Office, 72 Park Avenue, Sheboygan WI

Persons with disabilities who need accommodations to attend this meeting should contact the Sheboygan Water Utility, (920) 459-3805. Persons other than commission, committee, and board members who wish to participate remotely shall provide notice to the Utility at 920-459-3805 at least 24 hours before the meeting so that the person may be provided a remote link for that purpose.

OPENING OF MEETING

1. Pledge of Allegiance
2. Election of Officers

MINUTES

3. EnterTextHere

REPORTS

- [4.](#) Financial reports and approval of vouchers
- [5.](#) Superintendent's report including operations, construction-maintenance, and customer relations/fiscal

ITEMS FOR DISCUSSION AND POSSIBLE ACTION

- [6.](#) Request approval of rate study proposal from Baker Tilly
- [7.](#) Review ETF resolutions related to new 218 Agreement
- [8.](#) Request approval of final 2023 Water Utility budget
9. Review status of Raw Water Improvements (RWI) project
- [10.](#) Review requirements of upcoming UCMR
- [11.](#) Request approval of R.O. transmitting third quarter report to Common Council
- [12.](#) Request approval of proposal for engineering services on S. Taylor Drive project
13. Review other benefit changes

PERSONNEL

14. Review changes to standby policy

NEXT MEETING

15. Next meeting will take place on: November 21, 2022

ADJOURN

16. Motion to Adjourn

In compliance with Wisconsin's Open Meetings Law, this agenda was posted in the following locations more than 24 hours prior to the time of the meeting:

*City Hall • Mead Public Library
Sheboygan County Administration Building • City's website*



RETURN ON RATE BASE

September 30, 2022

| | SEPTEMBER 2022 | SEPTEMBER 2021 |
|-----------------------------------------------------------------------|---------------------|---------------------|
| <u>Add 2 YR Average</u> | | |
| Utility Plant Balance | \$ 72,918,587 | \$ 68,918,263 |
| Materials and Supplies Inventory | \$ 248,435 | \$ 286,185 |
| <u>Less 2 YR Average</u> | | |
| Reserve for Depreciation | \$ 24,876,889 | \$ 23,353,769 |
| Customer Adv for Const | \$ 4,776,564 | \$ - |
| Average Rate Base | \$ 43,513,568 | \$ 45,850,679 |
| Net Operating Income YTD | \$ 1,674,104 | \$ 1,413,535 |
| Net Operating Income As a Percent of Average Net Rate Base | <u>3.85%</u> | <u>3.08%</u> |

Rate base is calculated using the two year average balance in the following accounts:

Utility Plant Balance - includes all capital assets less any contributed capital assets.

Materials and Supplies Inventory - includes all materials and supplies on hand and in inventory.

Reserve for Depreciation - includes depreciation on capital assets less any contributed capital assets.



CASH RESERVE
September 30, 2022

| | |
|---------------------------------------------|--------------------------------|
| Ending balance on report for July 31, 2022 | <u>15,433,857.83</u> |
| Plus: Receipts | 421,671.40 |
| Misc Receipts | 6,142.86 |
| Direct Pay Receipts | 472,738.69 |
| Stop Loss Reimbursement | - |
| Money Market/CDARs Investment Interest | 7,007.16 |
| Minus: | |
| Disbursements - vendors and payroll | (1,549,808.94) |
| Bank Service Fees | (374.47) |
| Health & Dental Claims/Adm Costs | (88,850.32) |
| NSF Checks & Customer Refunds | (664.53) |
| Invoice Cloud/Paymentech Deposit Fees | (6,074.16) |
| Reallocate Sewer/Garbage - payments | 144.67 |
| Reallocate Sewer/Garbage - monthly | (441.84) |
| DNR SDWL Reimbursement - RWI | 155,187.43 |
| Automated Credit Card Payments | (10,711.86) |
| Postage | - |
| Utility Water Payments | (2,147.59) |
| Ending Balance September 30, 2022 | <u>\$ 14,837,676.33</u> |

| | |
|-------------------------------------|--------------------------------|
| Note: The above amount includes: | |
| Bond Reserve Fund | 644,319.88 |
| LSL Revolving Loan Fund | 158,408.55 |
| Money Market Investment | 3,994,245.03 |
| Health Insurance Restricted Reserve | 380,000.00 |
| ARPA Money Market Restricted - RWI | 6,617,469.19 |
| BAN Funds for Construction | - |
| Total | <u>\$ 11,794,442.65</u> |
| General Unrestricted Operating Cash | 3,043,233.68 |



REPORT OF BILLING

SEPTEMBER 2022

| | <u>2022</u> | <u>2021</u> | <u>Increase or (Decrease)</u> |
|----------------------------------------------|-------------------|-------------------|-----------------------------------|
| <u>Quarterly Metered*</u> | | | |
| (Dist I - north of Superior Ave) Residential | 263,808.95 | 256,732.47 | 7,076.48 |
| Multi-Family | 18,877.84 | 18,364.15 | 513.69 |
| Commercial | 16,550.12 | 14,875.45 | 1,674.67 |
| Industrial | 574.10 | 789.47 | (215.37) |
| Public | 11,149.40 | 12,910.86 | (1,761.46) |
| Subtotal | 310,960.41 | 303,672.40 | 7,288.01 |

* Billing for scheduled district only for the three preceding months usage.

| | | | |
|------------------------|-------------------|-------------------|------------------|
| Public Fire Protection | 65,449.02 | 63,543.88 | 1,905.14 |
| Flat Rate | 32,197.92 | 31,537.50 | 660.42 |
| Monthly Metered | <u>407,732.03</u> | <u>384,854.89</u> | <u>22,877.14</u> |
| Sheboygan Net | 816,339.38 | 783,608.67 | 32,730.71 |
| Sheboygan Falls | 65,763.16 | 79,499.60 | (13,736.44) |
| Kohler | <u>35,924.95</u> | <u>33,273.70</u> | <u>2,651.25</u> |
| Total | 918,027.49 | 896,381.97 | 21,645.52 |

Total accumulative billing for 2022 is \$7,647,817.32. An increase of \$496,788.94 from 2021 accounted for as follows:

| | <u>2022-Total Year to Date</u> |
|-----------------|--------------------------------|
| Sheboygan | 517,546.66 |
| Sheboygan Falls | (40,336.91) |
| Kohler | <u>19,579.19</u> |
| | 496,788.94 |

Total bills mailed September, 2022: 6,793

| | | | | | |
|------------------|--------------|----------------|------------|------------------|------------|
| Residential | 6,072 | Multi-Family | 9 | | |
| Multi-Family | 83 | Commercial | 22 | | |
| Commercial | 200 | Industrial | 66 | | |
| Industrial | 7 | Public | 8 | Fire Protection | 293 |
| Public | 33 | | | | |
| Quarterly | 6,395 | Monthly | 105 | Flat Rate | 293 |



STATEMENT OF NET POSITION
SEPTEMBER 30, 2022 AND 2021

| <u>Assets and Other Debits Utility Plant</u> | <u>Year to Date 2022</u> | <u>Year to Date 2021</u> | <u>Liabilities and Other Credits</u> | <u>Year to Date 2022</u> | <u>Year to Date 2021</u> |
|-----------------------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------------------|-------------------------------------|-------------------------------------|
| | | | <u>Proprietary Capital</u> | | |
| Utility Plant | 83,067,201 | 78,644,088 | Capital Paid by Municipal | 1,640,701 | 1,640,701 |
| Depreciation- Utility Plant | 27,585,887 | 26,068,598 | Unapprop. Earned Surplus | 57,884,648 | 46,358,928 |
| Net Utility Plant | <u>\$ 55,481,314</u> | <u>\$ 52,575,490</u> | Total Proprietary Capital | <u>\$ 59,525,349</u> | <u>\$ 47,999,629</u> |
| <u>Other Property and Investments</u> | | | Bonds, Loans & Advances | 11,226,674 | 12,624,174 |
| Appropriated Funds ⁴ | 7,155,878 | 1,333,705 | Total Long Term Debt | <u>\$ 11,226,674</u> | <u>\$ 12,624,174</u> |
| Bond Redemption Fund | 644,320 | 668,414 | | | |
| Net Pension Asset ¹ | 769,762 | 411,147 | <u>Current & Accrued Liabilities</u> | | |
| Deferred Outflow - Pension & OPEB ¹ | 1,402,233 | 1,038,866 | Accounts Payable | - | 483 |
| Total Other Prop & Investment | <u>\$ 9,972,193</u> | <u>\$ 3,452,132</u> | Accrued Liabilities | 1,029,812 | 1,051,824 |
| | | | Total Current & Accrued Liab. | <u>\$ 1,029,812</u> | <u>\$ 1,052,308</u> |
| <u>Current and Accrued Assets</u> | | | <u>Deferred Credits</u> | | |
| Cash & Investments | 7,038,229 | 6,251,205 | Bond Premium | 174,461 | 194,061 |
| Accounts Receivable | 1,657,682 | 1,428,067 | Pre 2003 Depr on Contributed Assets | 31,371 | 56,505 |
| LSL Loan Receivable ³ | 236,992 | 74,580 | Other Deferred Credits ³ | 0 | 0 |
| Grant Receivable - Restricted ² | 13,865 | 34,485 | | <u>\$ 205,832</u> | <u>\$ 250,566</u> |
| Materials & Supplies Inventory | 264,024 | 232,845 | <u>Operating Reserves</u> | | |
| Prepaid Expenses | 28,630 | 32,513 | Net Pension & OPEB Liability ¹ | 357,040 | 324,886 |
| Total Current & Accrued Assets | <u>\$ 9,239,421</u> | <u>\$ 8,053,695</u> | Deferred Inflow - Pension & OPEB ¹ | 1,752,555 | 1,260,697 |
| Total Assets and Debits | <u>\$ 74,692,928</u> | <u>\$ 64,081,316</u> | Accrued Vac & Sick Leave | 595,666 | 569,057 |
| | | | Total Operating Reserve | <u>\$ 2,705,261</u> | <u>\$ 2,154,640</u> |
| | | | Total Liab & Other Credits | <u>\$ 74,692,928</u> | <u>\$ 64,081,316</u> |

¹ See full audited Financial Statements for disclosures and details regarding pensions and OPEB.

² Grants Receivable - Restricted pertains to the Lead Water Service Lateral Replacement Program funded by the DNR.

³ Receivable related to the SWU LSL loan program.

⁴ Appropriated funds include \$9,550,000 in American Rescue Plan Act funding designated to the Raw Water Improvement project.



STATEMENT OF REVENUE, EXPENSES AND CHANGES IN NET POSITION
SEPTEMBER 30, 2022 AND 2021

| | 2022 | | 2021 | | Incr (Decr) | % Incr/Decr |
|-----------------------------------|-------------------|----------------------|-------------------|---------------------|---------------------|--------------------|
| | MONTH | YTD | MONTH | YTD | YTD | YTD |
| Sales Revenue ¹ | \$ 929,387 | \$ 7,416,595 | \$ 906,984 | \$ 6,867,702 | \$ 548,893 | 7.99% |
| Other Water Revenue ² | \$ 4,739 | \$ 44,391 | \$ 5,891 | \$ 43,901 | \$ 490 | 1.12% |
| Total Operating Revenues | \$ 934,126 | \$ 7,460,986 | \$ 912,875 | \$ 6,911,603 | \$ 549,383 | 7.95% |
| Operating Expenses ³ | 415,988 | 3,026,418 | 238,131 | 2,656,205 | 370,213 | 13.94% |
| Maintenance Expenses ⁴ | 89,499 | 631,951 | 93,330 | 722,160 | (90,209) | -12.49% |
| Depreciation Expenses | 130,590 | 1,194,090 | 129,884 | 1,187,408 | 6,682 | 0.56% |
| Taxes | 113,228 | 934,424 | 107,730 | 932,297 | 2,127 | 0.23% |
| Total Operating Expenses | \$ 749,305 | \$ 5,786,882 | \$ 569,073 | \$ 5,498,068 | \$ 288,814 | 5.25% |
| Utility Operating Income | \$ 184,820 | \$ 1,674,105 | \$ 343,802 | \$ 1,413,535 | \$ 260,569 | 18.43% |
| Other Income & Expense | | | | | | |
| Non-operating Grant Revenue | 4,100 | 79,832 | - | 34,485 | 45,347 | |
| Non-Operating Grant Expenses | (4,100) | (79,832) | - | (15,000) | (64,832) | |
| Bond Premium | 2,739 | 23,905 | 2,989 | 26,902 | (2,997) | |
| Interest Earned on Investments | 7,207 | 32,323 | 522 | 13,568 | 18,755 | |
| Contributions ⁵ | - | 9,553,128 | - | - | 9,553,128 | |
| Other Expense | - | (17,086) | - | (475) | (16,611) | |
| Misc Amortization | 2,094 | 18,850 | 2,094 | 18,850 | - | |
| Bond Interest Expense | (25,033) | (227,601) | (27,359) | (246,322) | 18,721 | |
| Change in Net Position | \$ 171,829 | \$ 11,057,622 | \$ 322,049 | \$ 1,245,543 | \$ 9,812,080 | |

¹ The increase in Sales Revenue is due to a rate increase that was implemented February 1, 2022.

² The increase in Other Revenues is due to a final settlement received in 2022 for the purchase of liquid alum.

³ The increase in Operating Expense is due to an increase in energy and chemical costs, UV treatment and sludge removal costs, consulting costs, salaries, training for existing and new staff, and IT security and equipment.

⁴ The decrease in 2022 Maintenance Expense is due to reservoir maintenance and work on the Georgia Avenue standpipe in 2021, and the timing of hydrant painting in 2022.

⁵ The Contribution is 2022 American Rescue Plan Act funding designated to the Raw Water Improvement Project.



APPROVAL OF VOUCHERS
September 30, 2022

| | |
|--------------------------------------|------------------------|
| <u>Total Of The General Vouchers</u> | <u>\$ 1,298,817.55</u> |
| <u>Gross Payroll *</u> | <u>\$ 268,426.36</u> |
| <u>Net Payroll</u> | <u>\$ 161,875.71</u> |

* Three payrolls in September

BOARD OF WATER COMMISSIONERS

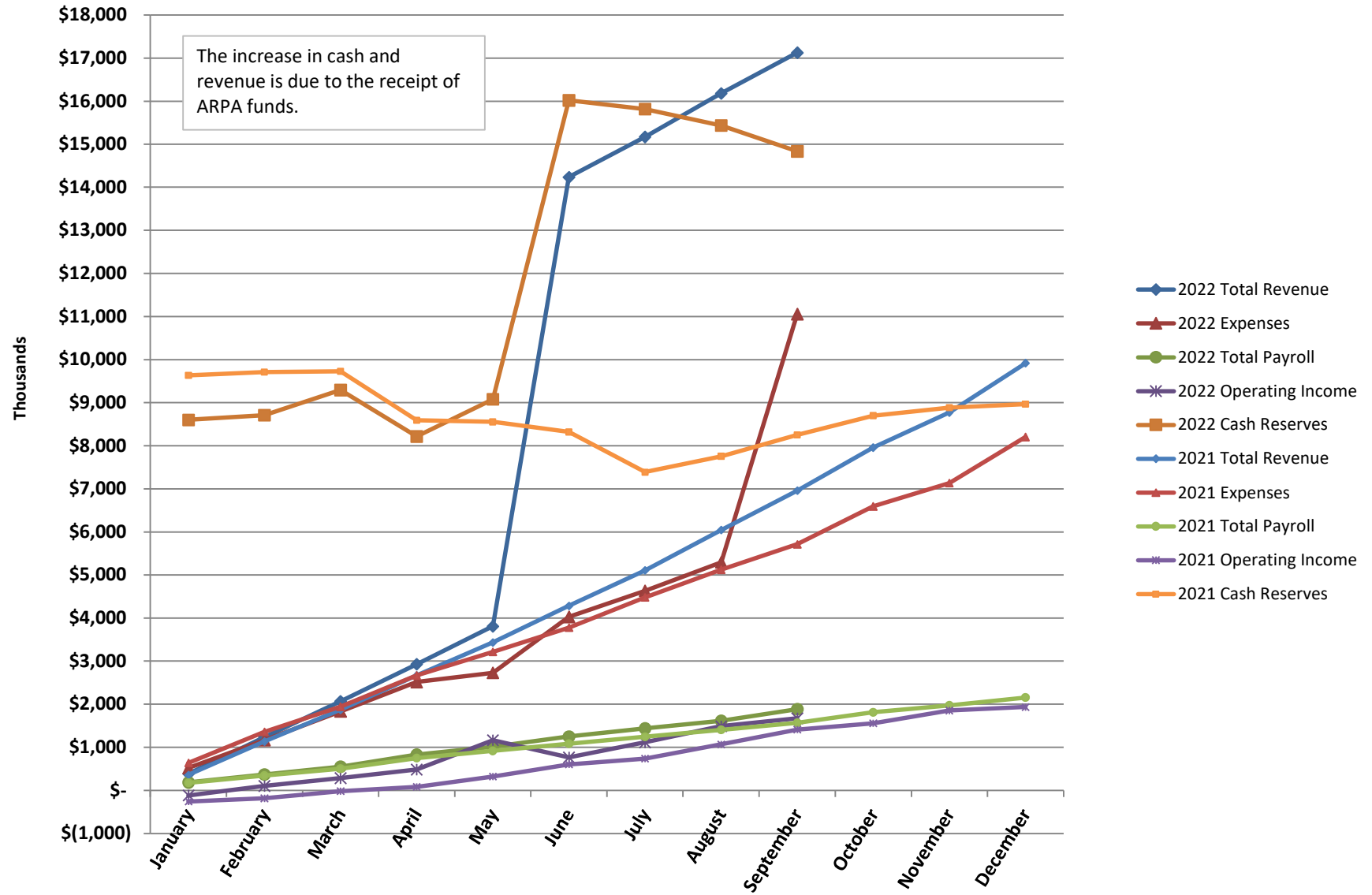
 PRESIDENT

 SECRETARY

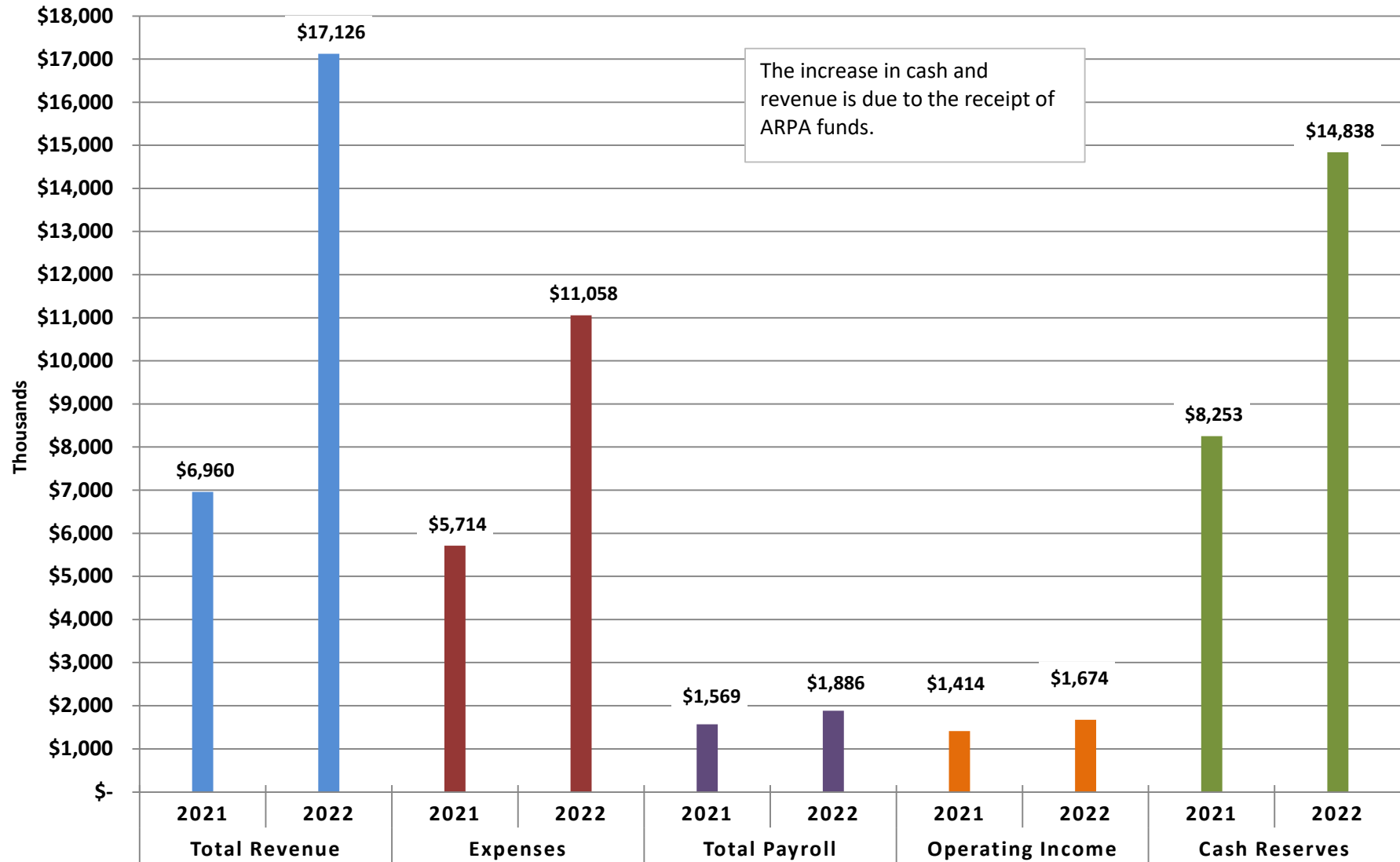
 MEMBER

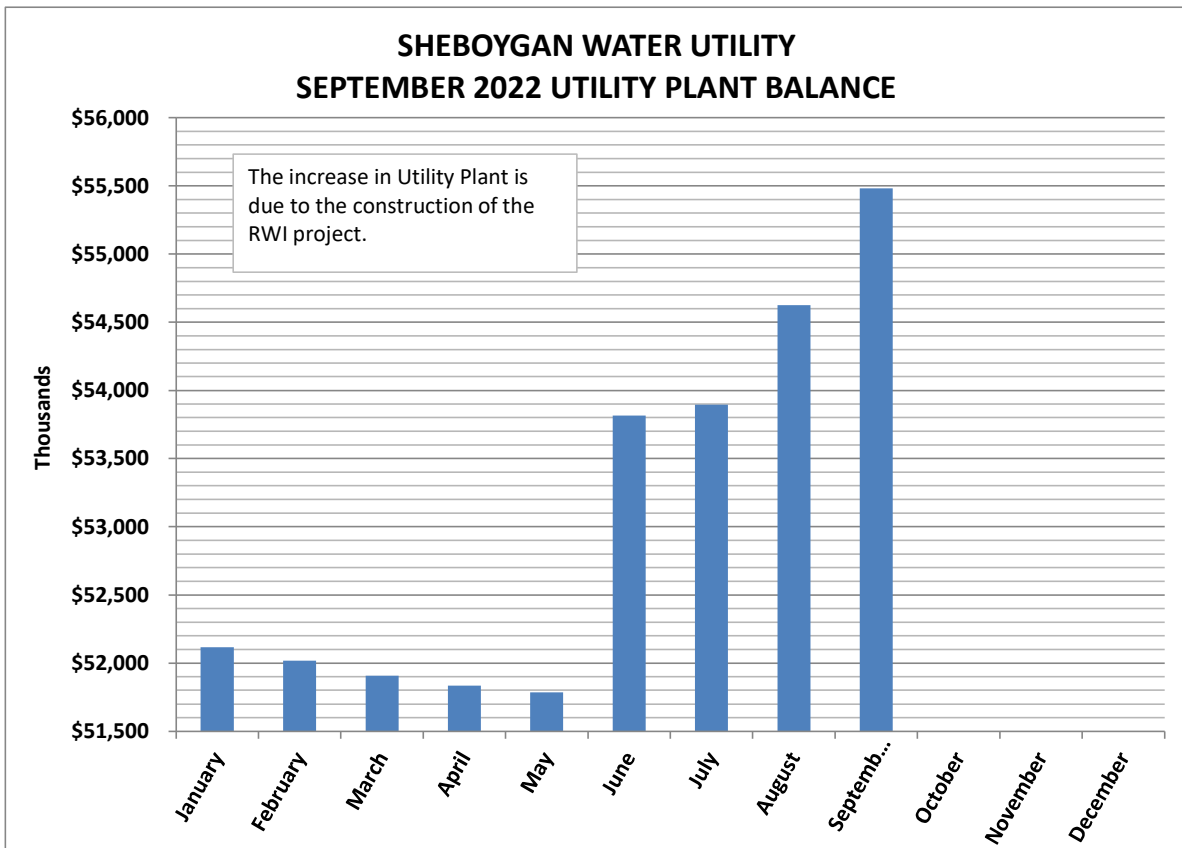
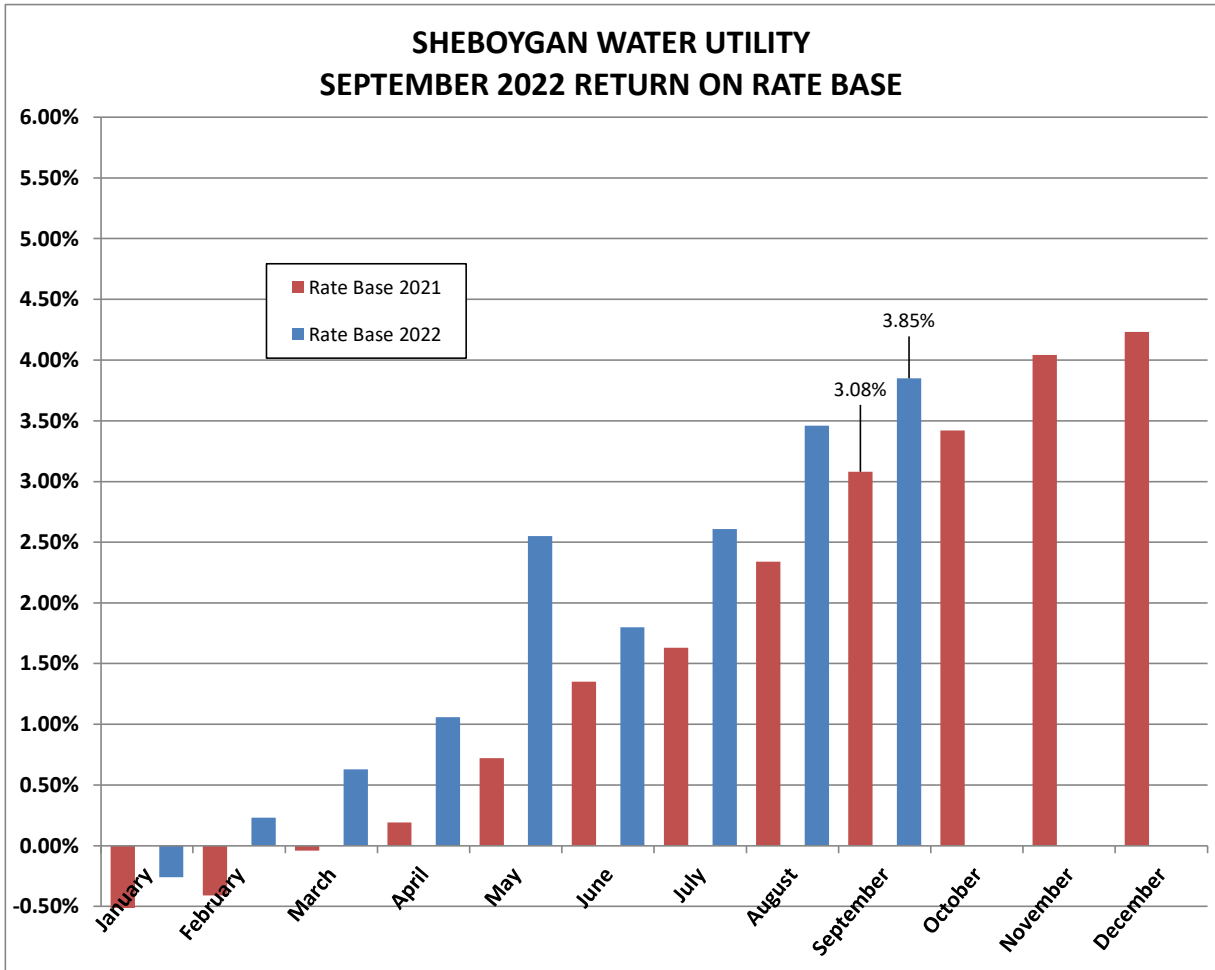
 SUPERINTENDENT

SHEBOYGAN WATER UTILITY SEPTEMBER 2022 MONTHLY FINANCIAL TREND



SHEBOYGAN WATER UTILITY SEPTEMBER 2022 YTD FINANCIAL POSITION





September 2022

OPERATIONS' DEPARTMENT MONTHLY REPORT

| PUMPAGE | HIGH LIFT | | LOW LIFT | | 2022 VS 2021 |
|-------------------------------------------|----------------|------------------------|--------------------|--------------------|---------------|
| | 2021 | 2022 | 2021 | 2022 | HL |
| Total in MG | 405.739 | 397.134 | 409.005 | 402.650 | -2.12% |
| Daily Average (MG) | 13.525 | 13.257 | 13.634 | 13.422 | |
| Max. Day (MG) | 15.314 | 16.024 | 15.236 | 15.985 | |
| | | | | | 2022 VS 2020 |
| | | | | | HL |
| Gal/KwH | 1,221 | 1,170 | 4,977 | 4,898 | -0.11% |
| ELECTRICAL COSTS | | | | | |
| | | 2021 | | 2022 | |
| | | KwH | \$ | KwH | \$ |
| A. Pumping: | | | | | |
| High Lift | 329,321 | \$23,192.41 | 336,584 | \$25,238.08 | |
| Low Lift | 81,729 | \$5,755.76 | 81,731 | \$6,128.44 | |
| Wash Pump 1 | 2,100 | \$147.89 | 9,100 | \$682.35 | |
| Georgia St. Bstr. | 51,900 | \$4,595.26 | 57,300 | \$5,670.57 | |
| Wilgus Ave. Bstr. | 3,000 | \$775.56 | 3,200 | \$429.62 | |
| EE Pit / Bstr. | 4,851 | \$565.96 | 5,450 | \$700.24 | |
| Erie Ave. Bstr. | 16,000 | \$2,144.10 | 14,800 | \$2,201.29 | |
| Sub Total | 488,901 | \$37,176.94 | 508,165 | \$41,050.58 | \$/KwH 6.2% |
| B. Treat./Fiscal/Misc. | | | | | |
| | | KwH | \$ | KwH | \$ |
| Office & Maint. Bldg. | 11,994 | \$1,361.49 | 11,008 | \$1,394.65 | |
| Filter Plant / Pump Station / 2nd Service | 47,650 | \$3,959.37 | 45,585 | \$4,009.63 | |
| Sub Total | 59,644 | \$5,320.86 | 56,593 | \$5,404.28 | \$/KwH 7.0% |
| C. Distribution: | | | | | |
| | | KwH | \$ | KwH | \$ |
| Taylor Hill Tank | 357 | \$58.31 | 350 | \$61.98 | |
| Kohler Meter Pit | 0 | \$0.00 | 0 | \$0.00 | |
| EE Tower | 809 | \$158.23 | 1,074 | \$154.45 | |
| Washington (PRV) Pit | 228 | \$45.81 | 204 | \$45.64 | |
| Sub Total | 1,394 | \$262.35 | 1,628 | \$262.07 | \$/KwH 6.1% |
| Total Electrical Costs | 549,939 | \$42,760.15 | 566,386 | \$46,716.93 | |
| Electrical Cost / MG | | \$105.39 | | \$117.47 | |
| NATURAL GAS COSTS | | | | | |
| | | 2021 | | 2022 | |
| | | CCF Used | Cost | CCF Used | Cost |
| Production Facility | | | | 148 | \$1,853.23 |
| South Basin | 47 | \$193.45 | | 34 | \$205.28 |
| Georgia St. Bstr. | | | | 29 | \$53.97 |
| Erie Ave. Bstr. | 0 | \$28.60 | | 0 | \$29.59 |
| Wilgus Ave. Bstr. | | | | 0 | \$16.21 |
| Office & Maint. Bldg. | 288 | \$264.23 | | 434 | \$592.51 |
| Total Natural Gas Costs | 335 | \$486.28 | 645 | \$2,750.79 | \$/CCF 193.7% |
| Natural Gas Cost / MG | | \$1.20 | | \$6.92 | |
| CHEMICAL COSTS | | | | | |
| | | 2021 | | 2022 | |
| | | Lbs. Used | Cost | Lbs. Used | Cost |
| Alum | 53,077 | \$7,510.40 | | 56,162 | \$10,193.40 |
| Carbon | 0 | \$0.00 | | 0 | \$0.00 |
| Chlorine | 8,971 | \$6,189.99 | | 9,177 | \$13,581.96 |
| Fluoride | 2,130 | \$2,315.31 | | 2,249 | \$3,126.11 |
| KMnO4 | 247 | \$901.73 | | 251 | \$914.33 |
| Cationic Polymer | 0 | \$0.00 | | 0 | \$0.00 |
| Liquid Phosphate | 3,523 | \$4,657.41 | | 4,883 | \$7,705.37 |
| Total Chemical Costs | | \$21,574.84 | | \$35,521.17 | 64.6% |
| Chemical Cost / MG | | \$53.17 | | \$89.32 | |
| | | Grand Total | \$64,821.27 | \$84,988.89 | 31.11% |
| | | Total Cost / MG | \$159.76 | \$213.70 | 33.76% |

| | | | | | |
|--------------------------------------------------------------------------------|-------|-------------------------|--------|-----------------|----------------|
| YTD HL 2022 vs 2021 | 0.05% | YTD HL HIGH DAY PUMPAGE | 17.388 | July 19, 2022 | |
| YTD HL 2022 vs 2020 | 7.78% | YTD HL LOW DAY PUMPAGE | 7.587 | January 1, 2022 | |
| NOTE: | | | | | YTD HL Ave Day |
| Electrical costs include an Alliant Energy 8.3% rate increase approved by PSC. | | | | | 2022 12.561 |
| all WPS bills available. | | | | | 2021 12.640 |
| | | | | | 2020 11.685 |

COMPARATIVE SUMMARY OF PLANT OPERATIONS

September 2021

vs

September 2022

Pumping Record

High Lift

Low Lift

| | 2021 | 2022 | Diff. | | 2021 | 2022 | Diff. |
|------------------|-----------|-----------|---------|------------------|---------|---------|--------|
| Tot. Water in MG | 405.739 | 397.134 | -2.12% | Tot. Water in MG | 409.005 | 402.650 | -1.55% |
| Daily Average | 13.525 | 13.257 | -1.98% | Daily Average | 13.634 | 13.422 | -1.55% |
| Maximum Day | 15.314 | 16.024 | 4.64% | Maximum Day | 15.236 | 15.985 | 4.92% |
| Minimum Day | 10.582 | 9.923 | -6.23% | Minimum Day | 10.480 | 10.166 | -3.00% |
| By Natural Gas | 3.618 | 3.784 | 4.59% | By Natural Gas | 2.200 | 2.367 | 7.59% |
| Power in KWH | 329,321 | 336,584 | 2.21% | Power in KWH | 81,729 | 81,731 | 0.00% |
| Gals. per KWH | 1,221 | 1,170 | -4.15% | Gals. per KWH | 4,977 | 4,898 | -1.61% |
| Power \$ / KWH | \$0.07042 | \$0.07498 | 6.48% | Power \$ / KWH | ---- | ---- | ---- |
| Power \$ / MG | \$57.16 | \$63.46 | \$6.30 | Power \$ / MG | \$14.07 | \$15.22 | \$1.15 |
| Tot. Power \$/MG | \$100.20 | \$117.82 | \$17.62 | Tot. Power \$/MG | ---- | ---- | ---- |

Treatment Chem.

Lbs. Used

Cost

| Total Lbs. | 2021 | 2022 | Diff. | Total Cost | 2021 | 2022 | Diff. |
|-------------------|--------|--------|---------|------------------|------------|-------------|------------|
| Alum | 53,077 | 56,162 | 5.81% | Alum | \$7,510.40 | \$10,193.40 | \$2,683.00 |
| Carbon | | | #DIV/0! | Carbon | \$0.00 | \$0.00 | \$0.00 |
| Chlorine | 8,971 | 9,177 | 2.30% | Chlorine | \$6,189.99 | \$13,581.96 | \$7,391.97 |
| KMnO4 | 247 | 251 | 1.42% | KMnO4 | \$901.73 | \$914.33 | \$12.59 |
| Polymer | 0 | 0 | #DIV/0! | Polymer | \$0.00 | \$0.00 | \$0.00 |
| Liquid Phosphate | 3,523 | 4,883 | 38.60% | Liquid Phosphate | \$4,657.41 | \$7,705.37 | \$3,047.96 |
| Lb/ MG: | | | | Cost / MG: | | | |
| Alum | 129.8 | 139.5 | 7.48% | Alum | \$18.36 | \$25.32 | \$6.95 |
| Carbon | 0.0 | 0.0 | #DIV/0! | Carbon | #DIV/0! | #DIV/0! | #DIV/0! |
| Chlorine | 21.9 | 22.8 | 3.91% | Chlorine | \$15.13 | \$33.73 | \$18.60 |
| KMnO4 | 0.6 | 0.6 | 3.02% | KMnO4 | \$2.20 | \$2.27 | \$0.07 |
| Liquid Phosphate | 8.6 | 12.1 | 40.79% | Liquid Phosphate | \$11.39 | \$19.14 | \$7.75 |
| Fluoride: | 2021 | 2022 | | Fluoride: | 2021 | 2022 | |
| Total Lbs. | 2,130 | 2,249 | 5.59% | Cost | \$2,315.31 | \$3,126.11 | \$810.80 |
| mg/l applied as F | 0.78 | 0.73 | | Cost/MG | \$5.71 | \$7.87 | \$2.16 |
| Av. Res. Plt. Tap | 0.77 | 0.70 | | | | | |

Water Quality:

Raw

TAP

| | 2021 | 2022 |
|------------------|-------|-------|
| Turbidity | 2.80 | 3.80 |
| pH | 8.21 | 8.31 |
| Alkalinity | 110.3 | 109.1 |
| MF (E-Coli) | 7.1 | 4.4 |
| Temperature | 57.0 | 59.2 |
| Wash-H2O % /LL | 2.07 | 2.14 |
| Av. Flt. Run/hrs | 113.4 | 96.8 |
| Av. ROF / MG | 1.40 | 1.49 |

| | 2021 | 2022 |
|-------------|-------|-------|
| Turbidity | 0.055 | 0.040 |
| pH | 7.63 | 7.61 |
| Alkalinity | 102.2 | 100.9 |
| Plate Count | 0.00 | 0.00 |
| Colilert | 0 | 0 |
| Temp. | 60.8 | 62.6 |
| Cl Res. | 0.94 | 0.91 |

Natural Gas:

| | 2021 | 2022 | | 2021 | 2022 | Diff. |
|------------------|------|------|---------------------|----------|--------------|--------------|
| Nat. Gas Heating | 0 | -432 | Plant & South Basin | \$959.01 | (\$5,605.64) | (\$6,564.65) |
| Nat. Gas Pumping | 468 | 614 | | \$943.83 | \$7,664.15 | \$6,720.32 |

| | CCF | Cost | Natural Gas Cost | Natural Gas CCF |
|-----------------------|--------------|-------------------|------------------|-----------------|
| #3 Gas Pump | 133.3 | \$1,664.44 | \$2,058.51 | 182 |
| #4 Gas Pump | 198.0 | \$2,472.31 | | |
| #7 Gas Pump | 122.5 | \$1,529.58 | | |
| Electric Generator | 160.0 | \$1,997.82 | | |
| Pumping totals | 613.8 | \$7,664.15 | | |

September 2022

| % Run | Elapsed Time: | | | |
|-------|------------------|----------|----------|-------|
| 75.5% | No. 6 Pump | 69,272.9 | 68,729.2 | 543.7 |
| 4.11% | Wash Pump Meter | 5,539.35 | 5,509.78 | 29.57 |
| 0.7% | No. 7 Pump | 777.2 | 772.3 | 4.9 |
| 0.0% | No. 8 Pump | 59,540.3 | 59,540.3 | 0.0 |
| 99.2% | No. 9 Pump | 22,562.0 | 21,848.0 | 714.0 |
| 1.0% | Wash Pump 2 | 46 | 39 | 7 |
| | No. 1 Prime Pump | 1,044.9 | 1,044.1 | 0.8 |
| | No. 2 Prime Pump | 1,118.6 | 1,117.1 | 1.5 |
| | | | | |

| Kw/Hr run | | Watthour Meters: | | |
|-----------|-------------|------------------|------------|---------|
| 307.7 | Wash Pump 1 | 1277.1 | 1264.1 | 9,100 |
| 59.1 | No. 9 Pump | 5679.75 | 5637.57 | 42,181 |
| #DIV/0! | No. 8 Pump | 6837.4 | 6836.4 | 350 |
| 72.1 | No. 6 Pump | 1079.2 | 939.2 | 39,200 |
| 6.7 | Wash Pump 2 | 4,934 | 4,895 | 47 |
| 539.5 | No. 1 Pump | 9274.059 | 9143.065 | 130,994 |
| 219.3 | No. 2 Pump | 4781.320 | 4772.130 | 9,190 |
| 283.3 | No. 3 Pump | 102,903 | 51,037 | 51,866 |
| #DIV/0! | No. 4 Pump | | | 0 |
| 479.9 | No. 5 Pump | 10,547.865 | 10,403.331 | 144,534 |

| | | | |
|---------------------|----------|----------|-------|
| Garage (MWatt/Hrs.) | 1,068.53 | 1,066.72 | 1,810 |
|---------------------|----------|----------|-------|

| | | | |
|---------------------|--------|--------|---------|
| Power Co. (Step #3) | 37,820 | 37,425 | 474,000 |
|---------------------|--------|--------|---------|

Left Meter - OUTSIDE

| | | | |
|---------------------|------------|------------|--------|
| Volume Used: | | | |
| Nat. Gas (Correct) | 44,903,902 | 44,865,272 | 48,558 |

| | | | |
|----------------------|---------|---------|-----|
| Elapsed Time: | | | |
| Emer. Generator | 1,047.0 | 1,039.0 | 8.0 |

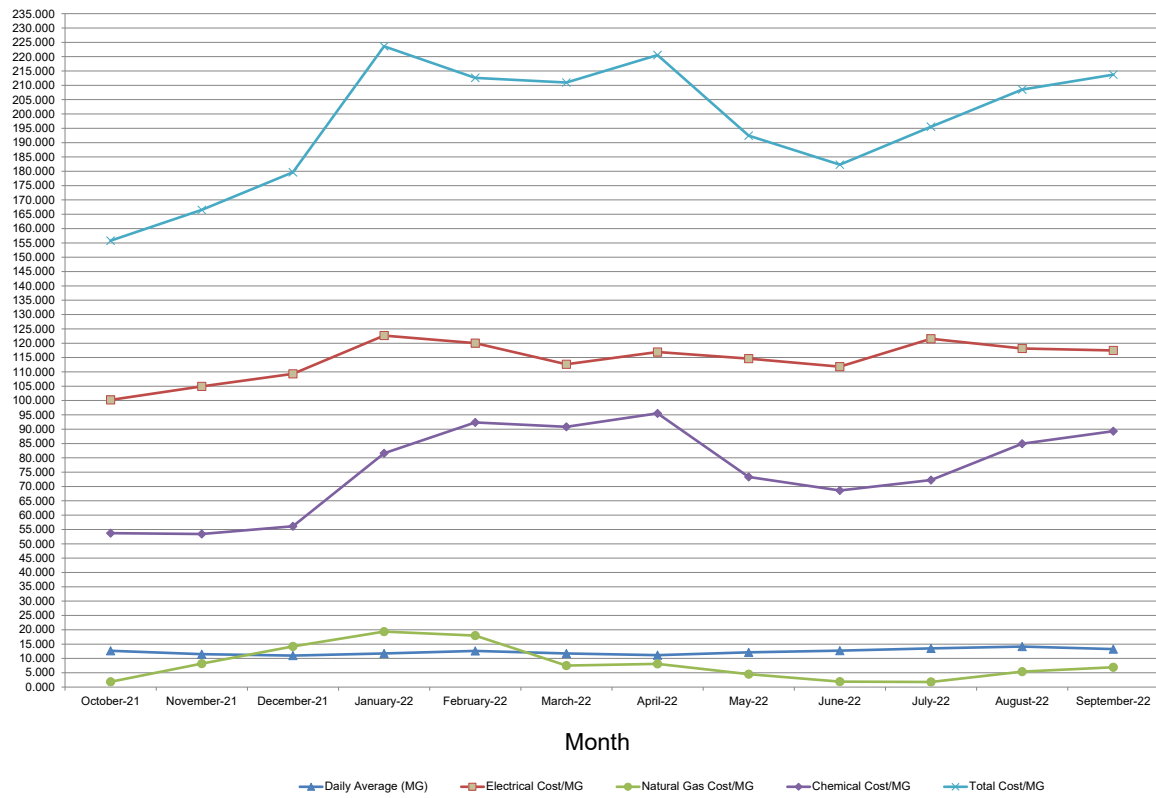
| % Run | Elapsed Time: | | | |
|-------|-----------------------|-----------|------------|---------|
| 33.7% | No. 1 Pump | 17,198.1 | 16,955.3 | 242.8 |
| 5.8% | No. 2 Pump | 20,409.05 | 20,367.15 | 41.90 |
| 25.4% | No. 3 Elec. Pump | 377.2 | 194.2 | 183.1 |
| 0.6% | No. 3 Nat. Gas Pump | 548.1 | 543.8 | 4.3 |
| 0.0% | No. 4 Elec. Pump | 0.00 | 0.00 | 0.0 |
| 0.6% | No. 4 Nat. Gas Pump | 49.9 | 45.5 | 4.4 |
| 41.8% | No. 5. Pump | 22,060.47 | 21,759.270 | 301.200 |
| 0.1% | UV Building Generator | 130.5 | 129.5 | 1 |

| | 10/1/2022 | 9/1/2022 | |
|------------------------------------------|-----------|-----------|---------|
| SLUDGE No. 1 Hour Meter | 0.0 | 0.0 | 0 |
| SYSTEM No. 2 Mag Meter | 5,982,150 | 5,611,560 | 370,590 |
| Recycle Meter (Reset to zero each month) | | | 370,590 |

| Power Cost | \$0.0749830 | Bill >>> | \$35,991.84 |
|--------------|-------------|----------|--------------|
| | 0.51655 | KWH >> | 480,000 |
| Init. Chg. | \$35,541.94 | | |
| | \$ | KWH | |
| Kohler Pit | | | L.L. Cost \$ |
| Horizon | \$139.82 | 904 | High L. KWH |
| Taylor | \$61.98 | 350 | H.L. Cost \$ |
| ALT. 72 Park | \$516.55 | 1,000 | Total Cost |
| Geo. Ave. | \$5,670.57 | 57,300 | |
| Wilgus Ave. | \$429.62 | 3,200 | Plant Costs |
| EE Pit | \$700.24 | 5,450 | |
| EE Tower | \$154.45 | 1,074 | |
| Washington | \$45.64 | 204 | |
| Office | \$1,394.65 | 11,008 | |
| Erie Ave. | \$2,201.29 | 14,800 | |
| Total | \$46,856.75 | 569,290 | |

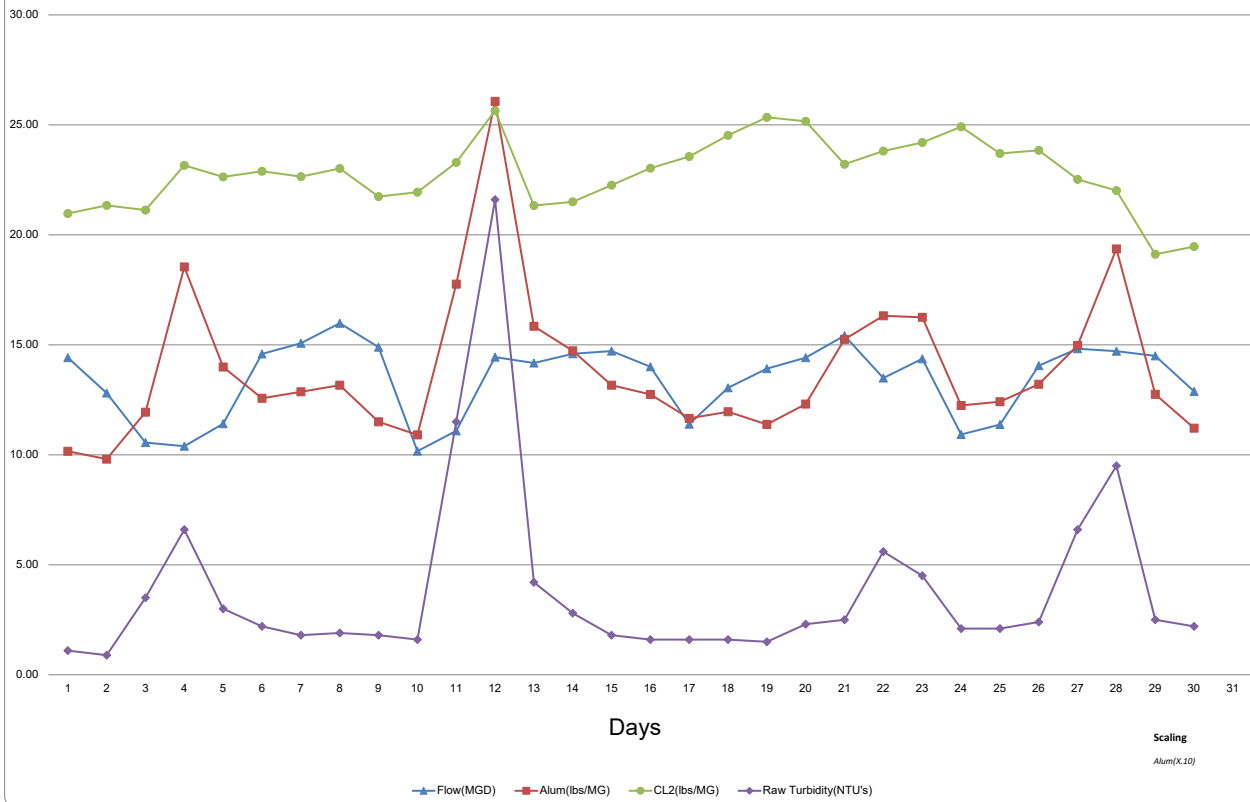
| SUMMARY | HIGH LIFT | | LOW LIFT | |
|--------------|-----------|-----------|----------|---------|
| | 2021 | 2022 | 2021 | 2022 |
| Tot. Pump | 405.739 | 397.702 | 409.005 | 402.650 |
| Daily Ave. | 13.525 | 13.257 | 13.634 | 13.422 |
| Max. Day | 15.314 | 16.024 | 15.236 | 15.985 |
| Min. Day | 10.582 | 9.923 | 10.480 | 10.166 |
| By Nat. Gas | 3.618 | 3.784 | 2.200 | 2.367 |
| Power KWH | 329,321 | 336,584 | 81,729 | 81,731 |
| Gals/KWH | 1221 | 1170 | 4977 | 4898 |
| Cost/KWH | \$0.07042 | \$0.07498 | ***** | ***** |
| Cost/MG | \$57.16 | \$63.46 | \$14.07 | \$15.22 |
| Tot. Cost/MG | \$100.20 | \$117.82 | ***** | ***** |

Plant Operations: Expense Report



September 2022: Sheboygan Water Utility Plant Operations Summary

Item 5.



| HIGH LIFT DELIVERY | | QUARTERLY REPORT | | 2022 |
|-----------------------------------------|---------------------|------------------|-----------------|----------|
| I. FIRST QUARTER | | Jan - Feb - Mar | | |
| | | GALLONS | COST \$ | \$/MG |
| | 2021 | 1,055,591,000 | \$181,125.65 | \$171.59 |
| | 2022 | 1,079,805,000 | \$233,346.76 | \$216.10 |
| | Percent Difference | 2.29% | 28.83% | 25.94% |
| II. SECOND QUARTER | | Apr - May - Jun | | |
| | | GALLONS | COST \$ | \$/MG |
| | 2021 | 1,115,306,000 | \$168,613.25 | \$151.18 |
| | 2022 | 1,114,560,000 | \$220,553.73 | \$197.88 |
| | Percent Difference | -0.07% | 30.80% | 30.89% |
| III. THIRD QUARTER | | Jul - Aug - Sep | | |
| | | GALLONS | COST \$ | \$/MG |
| | 2021 | 1,275,383,000 | \$191,262.23 | \$149.96 |
| | 2022 | 1,253,674,000 | \$258,395.90 | \$206.11 |
| | Percent Difference | -1.70% | 35.10% | 37.44% |
| IV. FOURTH QUARTER | | Oct - Nov - Dec | | |
| | | GALLONS | COST \$ | \$/MG |
| | 2021 | 1,076,367,000 | \$179,773.03 | \$167.02 |
| | 2022 | 0 | \$0.00 | #DIV/0! |
| | Percent Difference | -100.00% | -100.00% | #DIV/0! |
| YEAR TO DATE : 2022 | | | | |
| | | GALLONS | COST \$ | \$/MG |
| ELECTRICITY CHEMICALS NATURAL GAS | 2021 | 4,522,647,000 | \$720,774.16 | \$159.37 |
| | 2022 | 3,448,039,000 | \$712,296.39 | \$206.58 |
| | Percent Difference | -23.76% | -1.18% | 29.62% |
| YEAR TO DATE : 2022 | | | | |
| SLUDGE DISPOSAL to WWTP | | GALLONS | COST \$ | |
| | 2021 | 4,225,349 | \$45,410.11 | |
| | 2022 | 3,191,190 | \$25,471.76 | |
| STORM WATER CHARGES | 2022 | NA | \$0.00 | |
| | | | | |
| HIGH LIFT SYSTEM DELIVERY : | | | | |
| | Maximum Pumpage Day | 17,388,000 | July 19, 2022 | |
| | Minimum Pumpage Day | 7,587,000 | January 1, 2022 | |

| | MG | \$ | \$/MG |
|------|---------------|--------------|----------|
| 2021 | 4,522,647,000 | \$720,774.16 | \$159.37 |
| 2022 | 3,448,039,000 | \$712,296.39 | \$206.58 |

NOTE: Monthly sludge disposal costs do not reflect the current actual monthly sludge discharge total to date.
 Filtrate discharges from Spring/Fall sludge disposal operations are included in treatment plant sludge disposal costs.
 Spring/Fall basin sludge/residual solids volumes and disposal costs are contract work.
 Sludge disposal costs are not included in \$/MG.

Filter Plant Maintenance Completed For September 2022

| Subject | StartDate | EndDate | Description |
|------------------------------------|-----------|-----------|------------------------------------------------------------------------------------------------------------------------------------------------------|
| Joshua on Vacation | 1-Sep-22 | 4-Sep-22 | Joshua on vacation. |
| Labor Day Holiday | 5-Sep-22 | | Labor day holiday |
| Utility observed holiday | 5-Sep-22 | | Utility observed holiday |
| Rapid Mix Light | 6-Sep-22 | | Diagnose and repair old rapid mix light; bad LED casing voltage drop? |
| Truck 6 | 6-Sep-22 | | Wash front end and fill tires w/air; needs LOF. |
| Filter 5 | 6-Sep-22 | | Collect requested tools for filter 5 inspection. |
| Garbage | 6-Sep-22 | | Throw out plant garbage and recycling. |
| Front Hall | 6-Sep-22 | | Clean front foyer area. |
| Filter Hall Bathroom | 6-Sep-22 | | Clean filter hall bathroom. |
| Erie Ave. | 6-Sep-22 | | Collect samples and walk grounds. |
| Taylor Hill | 6-Sep-22 | | Collect sample, walk grounds, and empty dehumidifier. |
| Georgia Ave. | 6-Sep-22 | | Collect sample and repair no-flow issue on SWAN hypo meter. |
| Horizon Ave. | 6-Sep-22 | | Collect sample and replace hypo meter reagents. |
| Joshua Covering Laboratory | 6-Sep-22 | 6-Sep-22 | Joshua covering distribution samples for Eric. |
| Dakota Supply Group | 6-Sep-22 | | Purchase 3/8" x 24" drill bit and order magnetic drill/cutters. |
| Pressure Test Filter 6, 10, and 11 | 7-Sep-22 | | Attach gauge to wash line and gather pressure information during wash cycles to check filter condition. |
| Filter 6, 10, and 11. | 7-Sep-22 | | Bleed rate of flow and loss of head meters. |
| Dan Covering Laboratory | 7-Sep-22 | 7-Sep-22 | Dan covering laboratory for Eric. |
| EE Tower | 7-Sep-22 | | Collect distribution sample and inspect grounds. |
| Horizon Tower | 7-Sep-22 | | Collect distribution sample and store new reagent set. |
| Georgia Ave. and Indiana Ave. | 7-Sep-22 | | Collect distribution samples. |
| Plant Filter Meeting | 8-Sep-22 | | Continue discussing filter repair/replacement options. |
| Filter Information | 8-Sep-22 | | Research filter diagnostic strategies, record Wednesdays information, and order new 2 1/2" 0-30psi gauges. |
| Menards | 8-Sep-22 | | Purchase steel fluoride service door and handle set. |
| Filter Cap | 8-Sep-22 | | Experimental cleaning of two filter caps; top only @ 9.8 pounds, top and bottom 10.6 pounds. |
| Filter 5 | 9-Sep-22 | | Vacuum around leopard top, pulled cap, weighed, washed both sides, attempted to install IMS top onto manifold; not an easy fit. |
| Filter 5 | 9-Sep-22 | | Removed one leopard top, measured weight, reinstalled and pressure washed in, removed top and measured weight again; so far .8 pound difference. |
| Alum Bulk Room | 12-Sep-22 | | Install insulated panel at garage access point. |
| Security and JSM | 12-Sep-22 | | Check door contact switches and assist JSM. |
| Garbage and Recycling | 12-Sep-22 | | Throw away garbage and recycling. |
| South Basin Bulk Area | 12-Sep-22 | | Install south basin bulk area insulation wall. |
| Menards | 12-Sep-22 | | Purchase metal cap, seal tape, and caulk for fluoride door install. |
| Fluoride Room Service Door | 13-Sep-22 | | Begin installing fluoride room service door. |
| Fluoride Service Door | 13-Sep-22 | | Trim out door with marine grade lumber and seal tape. |
| Fluoride Service Door | 13-Sep-22 | | Finish installing fluoride service door. |
| Maintenance Shop | 13-Sep-22 | | Clean tools, organize inventory, and prep parts for future projects. |
| WIAWWA Annual Conference 2022 | 14-Sep-22 | | Dan and Joshua heading in Madison for conference. |
| End of Month Report | 19-Sep-22 | | Generate and send end of month report. |
| Filter 5 | 19-Sep-22 | | Begin game planning Leopold bottom flush. |
| Taylor Hill | 19-Sep-22 | | Replace reagents, clean NTU meter, run doghouse heater, rinse hypo meter, walk upstairs ring, and empty dehumidifier. |
| Georgia Ave. | 19-Sep-22 | | Check reagents, walk grounds, sweep interior, and apply insect repellent. |
| Monday Meeting | 19-Sep-22 | | Discuss filter 5 repair, SMART goals, coverage, etc. |
| Filter 3 | 20-Sep-22 | | Install pressure gauge on effluent stack. |
| trouble shooting DR5000 | 20-Sep-22 | | Trouble shooting error on DR5000 in lab |
| Smart goal pump books | 20-Sep-22 | | Working on chemical feed pumps S.O.P books for chemical feed areas |
| Conduit by Filter 10 | 20-Sep-22 | | Install 3 new 1 1/2" strut clamps. |
| Erie Ave. | 20-Sep-22 | | Check reagents, inspect gas engine, walk grounds, etc. |
| Menards | 20-Sep-22 | | Purchase 1/2" stainless valves, 1 1/2" strut clamps, and 7 1/2" circular saw blades. |
| Filter 6 | 20-Sep-22 | | Remove pressure gauge on upstairs sample point, insulate, and adjust flow. |
| Filter 1 | 21-Sep-22 | | Install psi gauge, filter wash, and collect pressure data for filter health check. |
| Filter 2 | 21-Sep-22 | | Install filter psi gauge, wash filter, and collect pressure data for filter health check. |
| Kwik Trip | 21-Sep-22 | | Fuel up truck 6. |
| Dakota Supply Group | 21-Sep-22 | | Purchase parts for ortho tank and price check on valve turner. |
| Ortho Tank | 21-Sep-22 | | Fabricate sensor socket for ortho tanks; Mark SMART goal. |
| Dan operated 1/2 day | 21-Sep-22 | 21-Sep-22 | Dan operated afternoon day shift |
| Phosphorus reagents | 21-Sep-22 | | Made phosphorus reagents for swan unit in lab |
| Computer ontech linkup | 21-Sep-22 | | Link up with ontech to fix computer printer issues on maintenance computers |
| Dans Smart goal | 21-Sep-22 | | Dan working on smart goal |
| Old Rapid Mix | 22-Sep-22 | | Sweep floors and vacuum. |
| Garbage | 22-Sep-22 | | Throw out garbage and recycling. |
| Filter 4 | 22-Sep-22 | | Install psi gauge, filter wash, and collect pressure data for filter health check. |
| Filter 7 | 22-Sep-22 | | Install psi gauge, filter wash, and collect pressure data for filter health check. |
| Fluoride Building | 22-Sep-22 | | Begin priming fluoride building; SMART goal. |
| UV Reference Check | 22-Sep-22 | | Perform UV reference sensor check; East bulbs are running at 45% (Normal 30%-33%). |
| Dan SMART Goal | 22-Sep-22 | | Continue working on SMART goal. |
| East UV Reactor | 26-Sep-22 | | Drain unit, clean sleeves, and run for 15 minutes to check operation; 2 units were broken, we installed two used sleeves. |
| DR5000 | 26-Sep-22 | | Continue diagnosing error 15. |
| Filter Hall Comparator Jar | 26-Sep-22 | | Shutdown 3" and 6" RPZ lines to rod out tap Jar feed line. |
| Monday Meeting | 26-Sep-22 | | Topics include raw water improvement, coverage, UV reactor sleeves, filter 5, etc. |
| Filter Hall Floor | 26-Sep-22 | | Sweep, take out garbage, and wash filter hall floor. |
| Ops Chair | 27-Sep-22 | | Assemble new office chair. |
| DR5000 | 27-Sep-22 | | Continue diagnosing dr5000 inop; swapped 20w bulb from dr6000 and had everything work. Suspect 20w bulb needs to be 350 lumens not the 280 on shelf. |
| 20" Line Service | 27-Sep-22 | | Bleed 20" line in outside venturi pit for raw water improvement. |
| Josh covered 2nd shift | 27-Sep-22 | 27-Sep-22 | Josh covered 2nd shift for tyler |
| System Tap NTU Meter | 28-Sep-22 | | Clean NTU meter feed line and meter; desiccant was swapped last night. |
| Filter Plant Thermostats | 28-Sep-22 | | Check and repair 3 filter plant thermostats. |
| Filter 3 | 28-Sep-22 | | Install psi gauge, filter wash, and collect pressure data for filter health check. |
| Filter 9 | 28-Sep-22 | | Install psi gauge, filter wash, and collect pressure data for filter health check. |
| Filter 8 | 28-Sep-22 | | Install psi gauge, filter wash, and collect pressure data for filter health check. |
| Filter #5 Cap removal and cleaning | 28-Sep-22 | | Removed all filter caps and vacuumed part of the under drain system |
| Josh off for coverage | 30-Sep-22 | | Josh off for coverage |
| Filter 5 underdrain cleaning | 30-Sep-22 | | Filter 5 underdrain vacuumed and cleaning. |



MONTHLY CONSTRUCTION-MAINTENANCE DEPARTMENT REPORT

September 2022

Distribution System Maintenance:

- Inspected hydrants that were painted by contractor.
- Completed valve and hydrant replacements on Cleveland Ave.
- Pressure washed wash tank.
- Helped locate and trace services for upcoming 2023 LSL project.
- Continued pouring permanent service repair holes for the season.
- Repaired water main breaks.
- Hauled in fill to replenish stock.

Building/Grounds Maintenance:

- General shop maintenance and cleaning.
- Clean up and site maintenance at Taylor Hill Reservoir.
- Cleaned office windows and washed building near front foyer.
- Cleaned and organized pipe yard.

Water Quality:

- Monitored and adjusted auto flushers in the system.
- Continued weekly/monthly dead end hydrant flushing.

Taps:

- 1" tap at 923 Dillingham Ave. Lead Service was removed from the system.
- 1" tap at 134 Lake Ct. Lead Service was removed from the system.
- 2" tap at 2519 Superior Ave.
- 1" tap at 124 Lincoln Ave. Lead Service was removed from the system.
- 1" tap at 2313 N 11th St. Lead Service was removed from the system.

Equipment Maintenance:

- Performed routine maintenance and repairs on construction equipment and vehicle fleet.



Distribution System -- September 2022

Street Valves and Hydrant Valves Installed (including water main projects and others)

| Location | Date Installed | Size ("), Jt | Installed By | Type |
|-----------------------------------|----------------|--------------|--------------|----------|
| Cleveland Ave @ N.19th (Sout) | 9/20/2022 | 6" MJ | SWU | G (vert) |
| Cleveland Ave @ N.19th St. (East) | 9/20/2022 | 6" MJ | SWU | G (vert) |

Total Valves Installed = 2

Street Valves and Hydrant Valves Removed

| Location | Installed | Abandoned | Type |
|-----------------------------------|------------|-----------|------|
| Cleveland Ave. at N. 19th St. (E) | 6/30/1929 | 9/20/2022 | G |
| N. 19th St. at Cleveland Ave. (S) | 12/31/1927 | 9/20/2022 | |

Total Valves Removed = 2

Street Valves and Hydrant Valves Abandoned

| Location | Installed | Abandoned |
|----------|-----------|-----------|
|----------|-----------|-----------|

Total Valves Abandoned = 0

Street Valves and Hydrant Valves Maintained

| Location | Maintained | Size | By |
|----------|------------|------|----|
|----------|------------|------|----|

Total Valves Maintained = 0

Hydrants Installed (including water main projects and others)

| Location | Installed | Tr Size | Valve | By |
|--------------------------------|-----------|---------|-------|-----|
| Cleveland Ave at N.19th St (S) | 9/20/2022 | 6'6" | n | SWU |

Total Hydrants Installed = 1

Hydrants Removed (including water main projects and others)

| Location | Installed | Removed | Hyd Valve? |
|------------------------------------|-----------|-----------|------------|
| N. 19th St. at Cleveland Ave. (SE) | | 9/20/2022 | n |

Total Hydrants Removed = 1

Hydrants Abandoned (including water main projects and others)

| Location | Installed | Abandoned | Tr Size | Hyd Valve? |
|----------|-----------|-----------|---------|------------|
|----------|-----------|-----------|---------|------------|

Total Hydrants Abandoned = 0

Hydrants Maintained/Moved (including water main projects and others)

| Location | Installed | Maintained |
|----------|-----------|------------|
|----------|-----------|------------|

Total Hydrants Maintained/Moved = 0

Water Main Breaks

| Location | Date | Size |
|--------------------------------------------|-----------|------|
| Lake Ct east of of second st | 9/12/2022 | 4" |
| South Taylor Dr - North of Weeden Creek Rd | 9/15/2022 | 16" |

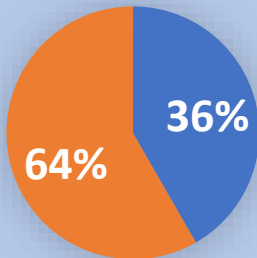
Number of Water Main Breaks= 2

SUMMARY

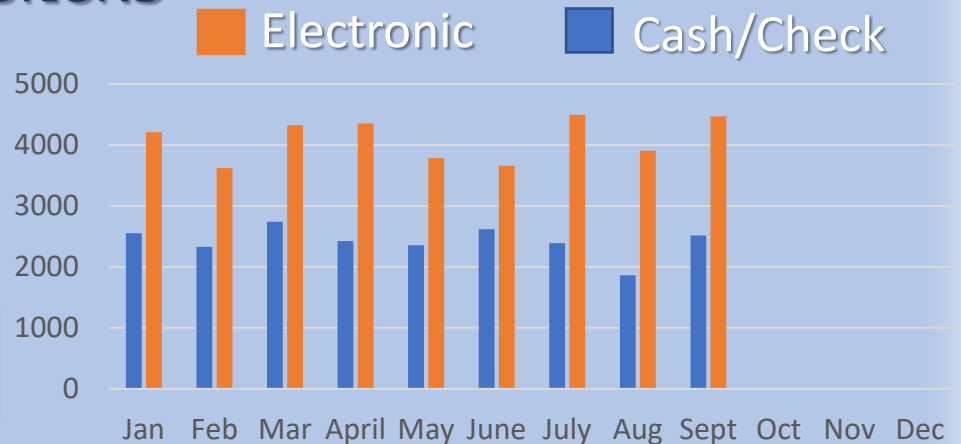
| | | |
|---------------------------------------------------|-----|------------|
| Number of feet of 4 inch water main installed | 0.0 | water main |
| Number of feet of 6 inch hydrant lead installed | 0.0 | |
| Number of feet of 6 inch water main installed | 0.0 | |
| Number of feet of 8 inch water main installed | 0.0 | |
| Number of feet of 12 inch water main installed | 0.0 | |
| Number of feet of 16 inch water main installed | 0.0 | |
| Number of feet of 20 inch water main installed | 0.0 | |
| Number of feet of 24 inch water main installed | 0.0 | |
| Number of feet of water main abandoned or removed | 0 | |
| Number of water main breaks repaired | 2 | hydrants |
| Number of hydrants installed | 1 | |
| Number of hydrants removed or abandoned | 1 | |
| Number of hydrants maintained or moved | 0 | valves |
| Number of street valves installed | 2 | |
| Number of hydrant valves installed | 0 | |
| Number of street valves removed or abandoned | 2 | |
| Number of hydrant valves removed or abandoned | 0 | |
| Number of valves maintained | 0 | |
| Number of water connections installed | 5 | |

CUSTOMER RELATIONS & FISCAL SUMMARY

PAYMENT TRANSACTIONS



6,986
Total # of September
Payments Processed



COLLECTIONS

District 2

\$1,004,108

Total Billed

\$135,880

Outstanding
After Due Date

1581

Past Due Letters Mailed

141

Disconnection
Letters Mailed

12

Properties Disconnected

\$94,993

Outstanding At
Month End

PAYMENTS BY SOURCE

| | September 2021 | September 2022 |
|---------------------------------------------------|-------------------|-------------------|
| Payment Window <small>(Cash/Check)</small> | 426 | 370 |
| Drop Box Payments | 193 | 150 |
| Electronic Payments | 4215 | 4469 |
| Mail Payments | 2213 | 1997 |
| Total Payments | 7047 | 6986 |

Payments Returned NSF **14**

UTILITY BILLS



Total Paperless
1,234

Total August
Emailed
Statements
3,049



**SEPTEMBER
2022**

CUSTOMER RELATIONS & FISCAL SUMMARY

PROPERTY TRANSACTIONS

| | September 2021 | September 2022 |
|-----------------------------------|-------------------|-------------------|
| Account Transfers <i>(Finals)</i> | 255 | 221 |
| Property Data Requests | 105 | 78 |

PSC COMPLAINTS

0 PSC Complaint(s) Filed

ACCOUNTS PAYABLE

213 Invoice Items Paid

CUSTOMER SERVICE



182

Customer Service Email
Requests Completed



597

USS Calls Answered



28:27

USS Hours
On the Phone



87

Lead ST Calls Completed
(Incoming & Outgoing)



7:17

Lead ST Hours
On the Phone

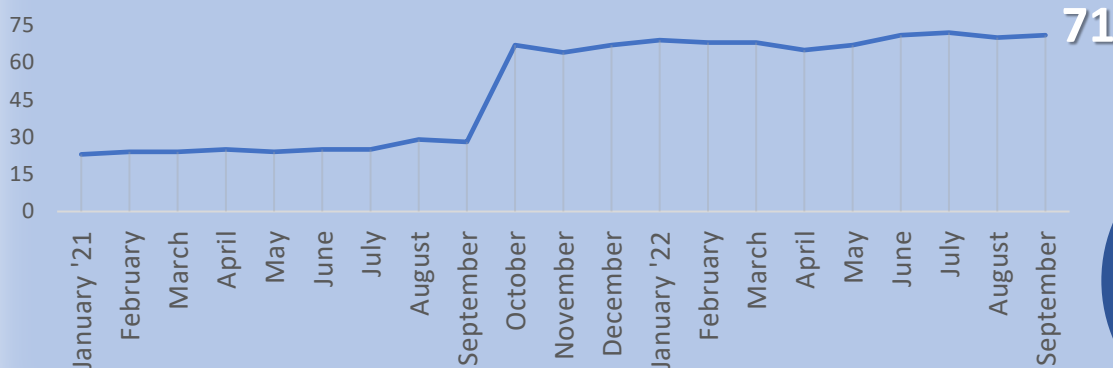
CUSTOMER ASSISTANCE PAYMENTS

Number of Payments Received: **44**

Total Dollars: **\$5,525**

*Payments received from Wisconsin Emergency Rental Assistance Program, LIHWAP, Salvation Army, and St. Vincent DePaul for customer benefit.

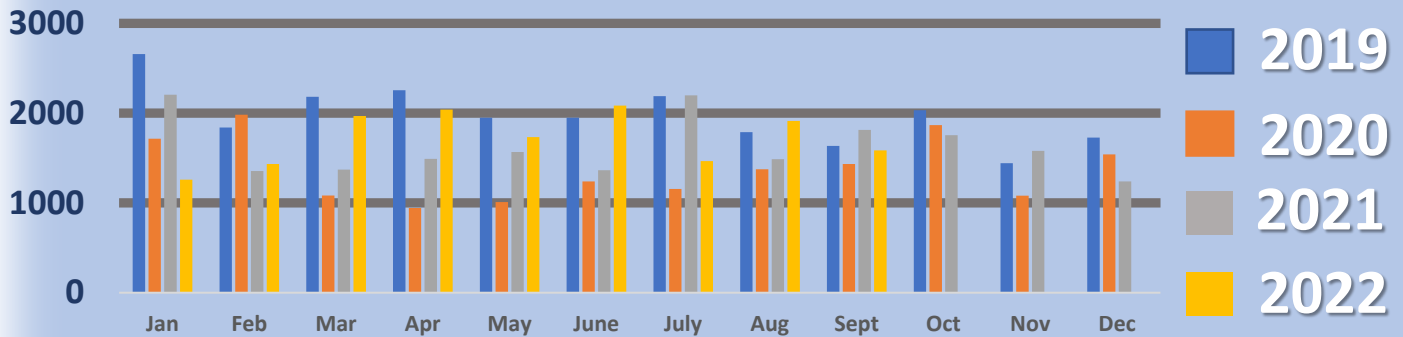
LEAD SERVICE LINE REPLACEMENT ACTIVE LOANS



**SEPTEMBER
2022**

CUSTOMER RELATIONS & FISCAL SUMMARY

SERVICE TECH MILES DRIVEN



CROSS CONNECTION

159
0

Inspections by SWU

Inspections by Hydro Corp



0

Facilities with Compliance Issues

LEAD EDUCATION

44

WDNR Lead in Drinking Water brochures distributed at home visits

TROUBLESHOOTING WORK ORDERS COMPLETED

87

Work orders completed for high consumptions, zero/low, and checks.

LEAK ALLOWANCES ISSUED

1

Customer Requests

126

CCF Allowed @ Reduced Rate



SERVICE LEAKS

1

New Reported Leak(s)

0

Leak(s) Fixed or Off

1

Active Leak(s) Month End

METERS

170

Meters

Installed/Replaced

36

Meters Tested



SEPTEMBER
2022

CUSTOMER RELATIONS & FISCAL SUMMARY

FACEBOOK PAGE



3 September New Followers

746 Total Followers

WEBSITE VISITORS

3,676



2021 Visits in September: 3,340
Top Page Viewed: **Pay Your Bill**

ADDITIONAL CR/F ACTIVITIES SEPTEMBER

- ◆ Service Techs continue their work replacing and testing water meters.
- ◆ USS issued bills to District 1 and Monthly customers.
- ◆ The newest USS completed district billing for the first time.
- ◆ CR/F Supervisor and LST attended the WI AWWA Conference in Madison.
- ◆ USS attended the Civic Symposium in Wisconsin Dells.

SEPTEMBER
2022

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Madison, WI, 53707-7398
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bakertilly.com

September 20, 2022

Joe Trueblood
Sheboygan Water Utility
72 Park Avenue
Sheboygan, WI 53081

Dear Mr. Trueblood:

Thank you for using Baker Tilly US, LLP (Baker Tilly, we, our) as your accountants and business advisors.

The purpose of this letter is to confirm our understanding of the terms and objectives of our engagement and the nature and limitations of the services we will provide to Sheboygan Water Utility (the Utility, Client, you, your).

Services and Related Report

We will compile, from information management provides, the Utility's forecasted schedules and forecasted information as of December 31, 2024, and for the test year then ending, including the related summaries of significant assumptions and accounting policies, in order to develop forecasted water rates ("forecast"). Upon completion of our compilation of the forecast, we will provide the Utility with our accountants' compilation report. If, for any reasons caused by or relating to the affairs or management of the Utility, we are unable to complete our compilation of your forecast, or if we determine in our professional judgment the circumstances necessitate, we may withdraw and decline to issue a report as a result of this engagement.

The forecast is not intended to be a forecast of financial position, changes in net position or cash flows in accordance with Generally Accepted Accounting Principles (GAAP). This report will be prepared for the development of rates before the Public Service Commission of Wisconsin and should not be used for any other purpose.

A financial forecast presents, to the best of management's knowledge and belief, the Utility's expected results of operations and plant balances for the financial forecast period. It is based on management's assumptions reflecting conditions it expects to exist and the course of action it expects to take during the forecast period.

September 20, 2022
Page 2

Water Rate Study

The following outlines the process of completing a water rate study and filing an application with the Public Service Commission of Wisconsin (PSCW).

1. Obtain historical information, confirm significant assumptions regarding growth and costs, summarize and classify nonroutine plant additions, and forecast consumption for the 2024 test year.
2. Compile forecast in the PSCW prescribed format for the 2024 test year to support the rate study, including supplemental information related to cash flows and debt coverage to support the requested rate of return.
3. Provide draft study to management for their review. Incorporate management's comments into study.
4. Meet with the governing body to review the study.
5. Prepare the final rate study and submit the application to the PSCW.
6. Review PSC information and proposed rates.
7. Assist management with the rate hearing and implementation of new rates.

Our Responsibilities and Limitations

The objective of our compilation engagement is to apply accounting and financial reporting expertise to assist you in the presentation of the financial forecast based on management's assumptions without undertaking to obtain or provide any assurance that there are no material modifications that should be made to the financial forecast in order for it to be in accordance with guidelines for presentation of a financial forecast established by the AICPA.

We will conduct our compilation engagement in accordance with Statements on Standards for Accounting and Review Services (SSARS) promulgated by the Accounting and Review Services Committee of the AICPA and comply with the AICPA's *Code of Professional Conduct*, including the ethical principles of integrity, objectivity, professional competence and due care.

A compilation of a financial forecast differs significantly from an examination of financial forecast. A compilation does not contemplate performing analytical procedures, obtaining an understanding of the entity's internal control, assessing risks of material misstatement, tests of accounting records or other procedures ordinarily performed in an examination.

We are not required to, and will not, verify the accuracy or completeness of the information you will provide to us for the engagement or otherwise gather evidence for the purpose of expressing an opinion or a conclusion. Accordingly, we will not express an opinion or a conclusion or provide any assurance on the financial forecast.

In order for us to complete the engagement, management must provide assumptions that are appropriate for the financial forecast. If the assumptions provided are inappropriate and have not been revised to our satisfaction, we will be unable to complete the engagement, and, accordingly, we will not issue a report on the financial forecast.

Baker Tilly US, LLP is not a municipal advisor as defined in Section 975 of the Dodd-Frank Wall Street Reform and Consumer Protection Act. Baker Tilly US, LLP is not recommending an action to the Utility; is not acting as an advisor to the Utility and does not owe a fiduciary duty pursuant to Section 15B of the Securities and Exchange Act to the Utility with respect to the information and material contained in the deliverables issued under this engagement. The Utility should discuss any information and material contained in the deliverables with any and all internal and external advisors and experts that the Utility deems appropriate before acting on this information or material. Baker Tilly US, LLP will rely on management of the Utility to provide key data related to the issuance of municipal securities.

September 20, 2022
Page 3

Our engagement cannot be relied upon to identify or disclose any misstatements in the financial forecast, including those caused by fraud or error, or to identify or disclose any wrongdoing within the entity or noncompliance with laws and regulations, and, because of the limited nature of our work, detection is highly unlikely. However, we will inform the appropriate level of management of any material errors, evidence that fraud may exist, illegal acts or noncompliance with laws or regulations that come to our attention, unless they are clearly inconsequential. We have no responsibility to identify and communicate deficiencies in your internal control as part of this engagement.

We, in our sole professional judgment, reserve the right to refuse to perform any procedure or take any action that could be construed as assuming management responsibilities.

The compilation will be planned and conducted with the understanding it will be used for the development of rates by the Public Service Commission of Wisconsin and should not be used by any other parties or for any other purpose. Nevertheless, items of possible interest to the previously specified party may not be specifically addressed and matters may exist that would be assessed differently by the previously specified party.

The compilation will not be planned or conducted in contemplation of reliance by any other specific third party or with respect to any specific transaction. Therefore, items of possible interest to a third party will not be specifically addressed and matters may exist that would be assessed differently by a third party, possibly in connection with a specific transaction.

Management's Responsibilities

The engagement to be performed is conducted on the basis that you acknowledge and understand that our role is to assist you in developing the presentation of the financial forecast in accordance with guidelines for presentation of a financial forecast established by the AICPA. You have the following overall responsibilities that are fundamental to our undertaking the engagement in accordance with SSARS:

1. The selection of the accounting principles applied in the preparation of the financial forecast.
2. The preparation and presentation of the financial forecast in accordance with guidelines for presentation of a financial forecast established by the AICPA, the inclusion of all informative disclosures that are appropriate for the forecast under those guidelines, and the development of assumptions that reflect your plans and expectations regarding events and circumstances for the financial forecast period.
3. The design, implementation and maintenance of internal control relevant to the preparation and presentation of the financial forecast and that it is free from material misstatement whether due to fraud or error.
4. The prevention and detection of fraud.
5. To ensure that Sheboygan Water Utility complies with the laws and regulations applicable to its activities.
6. The accuracy and completeness of the records, documents, explanations and other information, including significant judgments, you provide to us for the engagement.

September 20, 2022
Page 4

7. To provide us with:
 - > Access to all information of which you are aware is relevant to the presentation of the financial forecast, such as records, documentation and other matters.
 - > Additional information that we may request from you for the purpose of the compilation engagement.
 - > Unrestricted access to persons within Sheboygan Water Utility of whom we determine it necessary to make inquiries.

Our Report

As part of our engagement, we will issue a report that will state that we did not examine or review the financial forecast and that, accordingly, we do not express an opinion, a conclusion, nor provide any assurance on it. It will also state that (1) there will usually be differences between the forecasted and actual results because events and circumstances frequently do not occur as expected, and those differences may be material; and (2) we have no responsibility to update the report for events and circumstances occurring after the date of the report.

There may be circumstances in which the report differs from the expected form and content.

You agree to include our compilation report in any document containing the financial forecast that indicates that we have performed a compilation engagement on the financial forecast and, prior to inclusion of the report, to ask our permission to do so.

Nonattest Services

Prior to or as part of our compilation engagement, it may be necessary for us to perform certain nonattest services. Nonattest services that we will be providing are as follows:

- > Reporting assistance (such as formatting) as requested.

We will not perform any management functions or make management decisions on your behalf with respect to any nonattest services we provide.

In connection with our performance of any nonattest services, you agree that you will:

- > Continue to make all management decisions and perform all management functions.
- > Designate a competent employee with suitable skill, knowledge and/or experience, preferably within senior management, to oversee the services we perform.
- > Evaluate the adequacy and results of the nonattest services we perform.
- > Accept responsibility for the results of our nonattest services.
- > Establish and maintain internal controls, including monitoring ongoing activities related to the nonattest function.

September 20, 2022
Page 5

Reproduction of the Financial Forecast

If you intend to reproduce or publish the financial forecast, and make reference to our firm name in connection therewith, you agree to publish the financial forecast in its entirety. In addition, you agree to provide us, for our approval and consent, proofs before printing, and final materials before distribution.

With regard to the electronic dissemination of the financial forecast, including forecasted financials published electronically on your internet website, you understand that electronic sites are a means to distribute information and, therefore, we are not required to read the information contained in these sites or to consider the consistency of other information in the electronic site with the original document.

Ownership of Workpapers

The documentation for this engagement, including the workpapers is the property of Baker Tilly and constitutes confidential information. We may have a responsibility to retain the documentation for a period of time sufficient to satisfy any applicable legal or regulatory requirements for records retention. Baker Tilly does not retain any original client records and we will return such records to you at the completion of the services rendered under this engagement. When such records are returned to you, it is the Utility's responsibility to retain and protect its accounting and other business records for future use, including potential review by any government or other regulatory agencies. By your signature below, you acknowledge and agree that, upon the expiration of the documentation retention period, Baker Tilly shall be free to destroy our workpapers related to this engagement. If we are required by law, regulation or professional standards to make certain documentation available to Regulators, the Utility hereby authorizes us to do so.

Timing and Fees

Completion of our work is subject to, among other things, (i) appropriate cooperation from Utility's personnel, including timely preparation of necessary schedules, (ii) timely responses to our inquiries and (iii) timely communication of all significant presentation, accounting and financial reporting matters. When and if for any reason the Utility is unable to provide such schedules, information and assistance, Baker Tilly and you may mutually revise the fee to reflect additional services, if any, required of us to complete the compilation. Revisions to the scope of our work will be communicated to you and may be set forth in the form of an "Amendment to Existing Engagement Letter". In addition, if we discover compliance issues that require us to perform additional procedures and/or provide assistance with these matters, fees at our standard hourly rates apply.

Invoicing for services will be issued in three installments; the first upon commencement of engagement planning/preliminary fieldwork, the second upon commencement of year-end fieldwork, and the third upon delivery of the audit report. Fees are payable upon presentation. A charge of 1.5 percent per month shall be imposed on accounts not paid within thirty (30) days of receipt of our statement for services provided. In accordance with our firm policies, work may be suspended if your account becomes thirty (30) days or more overdue and will not be resumed until your account is paid in full. If we elect to terminate our services for nonpayment, our engagement will be deemed to have been completed upon written notice of termination, even if we have not completed our report. You will be obligated to compensate us for all time expended and to reimburse us for all out-of-pocket expenditures through the date of termination. In the event that collection procedures are required, the Utility agrees to be responsible for all expenses of collection including related attorneys' fees.

September 20, 2022
Page 6

We estimate that our fees for these services will range from \$19,500 to \$21,500 for the compilation.

In addition to professional fees, our invoices will include our standard administrative charge, plus travel and subsistence, and other out-of-pocket expenses related to the engagement. Our fees, as summarized above, are based upon the current Statements on Standards for Accounting and Review Services that have been issued and are effective as of the date of this letter. Should additional accounting or auditing standards be issued subsequent, to or become effective for the periods covered by this engagement, our estimated fees may be adjusted accordingly.

We may use temporary contract staff to perform certain tasks on your engagement and will bill for that time at the rate that corresponds to Baker Tilly staff providing a similar level of service. Upon request, we will be happy to provide details on training, supervision and billing arrangements we use in connection with these professionals. Additionally, we may from time to time, and depending on the circumstances, use service providers (e.g., to act as a specialist or compile an element of the financial statements) in serving your account. We may share confidential information about you with these contract staff and service providers, but remain committed to maintaining the confidentiality and security of your information. Accordingly, we maintain internal policies, procedures and safeguards to protect the confidentiality of your personal information. In addition, we will secure confidentiality agreements with all contract staff and service providers to maintain the confidentiality of your information and we will take reasonable precautions to determine that they have appropriate procedures in place to prevent the unauthorized release of your confidential information to others. In the event that we are unable to secure an appropriate confidentiality agreement, you will be asked to provide your consent prior to the sharing of your confidential information with the contract staff or third-party service provider. Furthermore, the firm will remain responsible for the work provided by any such contract staff or third-party service providers.

To the extent the services require Baker Tilly receive personal data or personal information from Client, Baker Tilly may process any personal data or personal information, as those terms are defined in applicable privacy laws, in accordance with the requirements of the applicable privacy law relevant to the processing in providing services hereunder. Applicable privacy laws may include any local, state, federal or international laws, standards, guidelines, policies or regulations governing the collection, use, disclosure, sharing or other processing of personal data or personal information with which Baker Tilly or its Clients must comply. Such privacy laws may include (i) the EU General Data Protection Regulation 2016/679 (GDPR); (ii) the California Consumer Privacy Act of 2018 (CCPA); and/or (iii) other laws regulating marketing communications, requiring security breach notification, imposing minimum security requirements, requiring the secure disposal of records and other similar requirements applicable to the processing of personal data or personal information. Baker Tilly is acting as a Service Provider/Data Processor in relation to Client personal data and personal information, as those terms are defined respectively under the CCPA/GDPR. Client is responsible for notifying Baker Tilly of any data privacy laws the data provided to Baker Tilly is subject to and Client represents and warrants it has all necessary authority (including any legally required consent from data subjects) to transfer such information and authorize Baker Tilly to process such information in connection with the services described herein. Client agrees that Baker Tilly has the right to generate aggregated/de-identified data from the accounting and financial data provided by Client to be used for Baker Tilly business purposes and with the outputs owned by Baker Tilly. For clarity, Baker Tilly will only disclose aggregated/de-identified data in a form that does not identify Client, Client employees, or any other individual or business entity and that is stripped of all persistent identifiers. Client is not responsible for Baker Tilly's use of aggregated/de-identified data.

Baker Tilly has established information security related operational requirements that support the achievement of our information security commitments, relevant information security related laws and regulations, and other information security related system requirements. Such requirements are communicated in Baker Tilly's policies and procedures, system design documentation and contracts with customers. Information security policies have been implemented that define our approach to how systems and data are protected. Client is responsible for providing timely written notification to Baker Tilly of any additions, changes or removals of access for Client personnel to Baker Tilly provided systems or applications. If Client becomes aware of any known or suspected information security or privacy related incidents or breaches related to this agreement, Client should timely notify Baker Tilly via email at dataprotectionofficer@bakertilly.com.

September 20, 2022
Page 7

Any additional services that may be requested and we agree to provide will be the subject of a separate engagement letter.

We may be required to disclose confidential information to federal, state and international regulatory bodies or a court in criminal or other civil litigation. In the event that we receive a request from a third party (including a subpoena, summons or discovery demand in litigation) calling for the production of information, we will promptly notify the Utility, unless otherwise prohibited. In the event we are requested by the Utility or required by government regulation, subpoena or other legal process to produce our engagement working papers or our personnel as witnesses with respect to services rendered to the Utility, so long as we are not a party to the proceeding in which the information is sought, we may seek reimbursement for our professional time and expenses, as well as the fees and legal expenses, incurred in responding to such a request.

We may be required to disclose confidential information with respect to complying with certain professional obligations, such as peer review programs. All participants in such peer review programs are bound by the same confidentiality requirements as Baker Tilly and its employees. Baker Tilly will not be required to notify the Utility if disclosure of confidential information is necessary for peer review purposes.

Resolution of Disagreements

In the unlikely event that differences concerning services or fees should arise that are not resolved by mutual agreement, both parties agree to attempt in good faith to settle the dispute by mediation administered by the American Arbitration Association (AAA) under its mediation rules for professional accounting and related services disputes before resorting to litigation or any other dispute-resolution procedure. Each party shall bear their own expenses from mediation.

If mediation does not settle the dispute or claim, then the parties agree that the dispute or claim shall be settled by binding arbitration. The arbitration proceeding shall take place in the city in which the Baker Tilly office providing the relevant services is located, unless the parties mutually agree to a different location. The proceeding shall be governed by the provisions of the Federal Arbitration Act (FAA) and will proceed in accordance with the then current Arbitration Rules for Professional Accounting and Related Disputes of the AAA, except that no prehearing discovery shall be permitted unless specifically authorized by the arbitrator. The arbitrator will be selected from Judicate West, AAA, Judicial Arbitration & Mediation Services (JAMS), the Center for Public Resources or any other internationally or nationally-recognized organization mutually agreed upon by the parties. Potential arbitrator names will be exchanged within fifteen (15) days of the parties' agreement to settle the dispute or claim by binding arbitration, and arbitration will thereafter proceed expeditiously. Any issue concerning the extent to which any dispute is subject to arbitration, or concerning the applicability, interpretation, or enforceability of any of these procedures, shall be governed by the FAA and resolved by the arbitrators. The arbitration will be conducted before a single arbitrator, experienced in accounting and auditing matters. The arbitrator shall have no authority to award nonmonetary or equitable relief and will not have the right to award punitive damages or statutory awards. Furthermore, in no event shall the arbitrator have power to make an award that would be inconsistent with the Engagement Letter or any amount that could not be made or imposed by a court deciding the matter in the same jurisdiction. The award of the arbitration shall be in writing and shall be accompanied by a well-reasoned opinion. The award issued by the arbitrator may be confirmed in a judgment by any federal or state court of competent jurisdiction. Discovery shall be permitted in arbitration only to the extent, if any, expressly authorized by the arbitrator(s) upon a showing of substantial need. Each party shall be responsible for their own costs associated with the arbitration, except that the costs of the arbitrator shall be equally divided by the parties. Both parties agree and acknowledge that they are each giving up the right to have any dispute heard in a court of law before a judge and a jury, as well as any appeal. The arbitration proceeding and all information disclosed during the arbitration shall be maintained as confidential, except as may be required for disclosure to professional or regulatory bodies or in a related confidential arbitration. The arbitrator(s) shall apply the limitations period that would be applied by a court deciding the matter in the same jurisdiction, including the contractual limitations set forth in this Engagement Letter, and shall have no power to decide the dispute in any manner not consistent with such limitations period. The arbitrator(s) shall be empowered to interpret the applicable statutes of limitations.

September 20, 2022
Page 8

Our services shall be evaluated solely on our substantial conformance with the terms expressly set forth herein, including all applicable professional standards. Any claim of nonconformance must be clearly and convincingly shown.

Limitation on Damages and Indemnification

The liability (including attorney's fees and all other costs) of Baker Tilly and its present or former partners, principals, agents or employees related to any claim for damages relating to the services performed under this Engagement Letter shall not exceed the fees paid to Baker Tilly for the portion of the work to which the claim relates, except to the extent finally determined to have resulted from the willful misconduct or fraudulent behavior of Baker Tilly relating to such services. This limitation of liability is intended to apply to the full extent allowed by law, regardless of the grounds or nature of any claim asserted, including the negligence of either party. Additionally, in no event shall either party be liable for any lost profits, lost business opportunity, lost data, consequential, special, incidental, exemplary or punitive damages, delays or interruptions arising out of or related to this Engagement Letter even if the other party has been advised of the possibility of such damages.

As Baker Tilly is performing the services solely for your benefit, you will indemnify Baker Tilly, its subsidiaries and their present or former partners, principals, employees, officers and agents against all costs, fees, expenses, damages and liabilities (including attorney's fees and all defense costs) associated with any third-party claim, relating to or arising as a result of the services, or this Engagement Letter.

Because of the importance of the information that you provide to Baker Tilly with respect to Baker Tilly's ability to perform the services, you hereby release Baker Tilly and its present and former partners, principals, agents and employees from any liability, damages, fees, expenses and costs, including attorney's fees, relating to the services, that arise from or relate to any information, including representations by management, provided by you, Utility personnel or agents, that is not complete, accurate or current, whether or not management knew or should have known that such information was not complete, accurate or current.

Each party recognizes and agrees that the warranty disclaimers and liability and remedy limitations in this Engagement Letter are material bargained for bases of this Engagement Letter and that they have been taken into account and reflected in determining the consideration to be given by each party under this Engagement Letter and in the decision by each party to enter into this Engagement Letter.

The terms of this section shall apply regardless of the nature of any claim asserted (including, but not limited to, contract, tort or any form of negligence, whether of you, Baker Tilly or others), but these terms shall not apply to the extent finally determined to be contrary to the applicable law or regulation. These terms shall also continue to apply after any termination of this Engagement Letter.

You accept and acknowledge that any legal proceedings arising from or in conjunction with the services provided under this Engagement Letter must be commenced within twelve (12) months after the performance of the services for which the action is brought, without consideration as to the time of discovery of any claim or any other statutes of limitations or repose.

Other Matters

Neither this Engagement Letter, any claim, nor any rights or licenses granted hereunder may be assigned, delegated or subcontracted by either party without the written consent of the other party. Either party may assign and transfer this Engagement Letter to any successor that acquires all or substantially all of the business or assets of such party by way of merger, consolidation, other business reorganization or the sale of interest or assets, provided that the party notifies the other party in writing of such assignment and the successor agrees in writing to be bound by the terms and conditions of this Engagement Letter.

September 20, 2022
Page 9

Our dedication to client service is carried out through our employees who are integral in meeting this objective. In recognition of the importance of our employees to Baker Tilly, it is hereby agreed that the Utility will not solicit our employees for employment or enter into an independent contractor arrangement with any individual who is or was an employee of Baker Tilly for a period of twelve (12) months following the date of the conclusion of this engagement. If the Utility violates this nonsolicitation clause, the Utility agrees to pay to Baker Tilly a fee equal to the hired individual's annual salary at the time of the violation so as to reimburse Baker Tilly for the costs of hiring and training a replacement.

The services performed under this Agreement do not include the provision of legal advice and Baker Tilly makes no representations regarding questions of legal interpretation. Client should consult with its attorneys with respect to any legal matters or items that require legal interpretation under federal, state or other type of law or regulation.

Baker Tilly US, LLP, trading as Baker Tilly, is an independent member of Baker Tilly International. Baker Tilly International Limited is an English company. Baker Tilly International provides no professional services to clients. Each member firm is a separate and independent legal entity and each describes itself as such. Baker Tilly US, LLP is not Baker Tilly International's agent and does not have the authority to bind Baker Tilly International or act on Baker Tilly International's behalf. None of Baker Tilly International, Baker Tilly US, LLP, nor any of the other member firms of Baker Tilly International has any liability for each other's acts or omissions. The name Baker Tilly and its associated logo is used under license from Baker Tilly International Limited.

This Engagement Letter and any applicable online terms and conditions or terms of use ("Online Terms") related to online products or services made available to Utility by Baker Tilly ("Online Offering") constitute the entire agreement between the Utility and Baker Tilly regarding the services described in this Engagement Letter and supersedes and incorporates all prior or contemporaneous representations, understandings or agreements, and may not be modified or amended except by an agreement in writing signed between the parties hereto. For clarity and avoidance of doubt, the terms of this Engagement Letter govern Baker Tilly's provision of the services described herein, and the Online Terms govern Utility's use of the Online Offering. This Engagement Letter's provisions shall not be deemed modified or amended by the conduct of the parties.

The provisions of this Engagement Letter, which expressly or by implication are intended to survive its termination or expiration, will survive and continue to bind both parties, including any successors or assignees. If any provision of this Engagement Letter is declared or found to be illegal, unenforceable or void, then both parties shall be relieved of all obligations arising under such provision, but if the remainder of this Engagement Letter shall not be affected by such declaration or finding and is capable of substantial performance, then each provision not so affected shall be enforced to the extent permitted by law or applicable professional standards.

If because of a change in the Utility status or due to any other reason, any provision in this Engagement Letter would be prohibited by, or would impair our independence under laws, regulations or published interpretations by governmental bodies, commissions or other regulatory agencies, such provision shall, to that extent, be of no further force and effect and this agreement shall consist of the remaining portions.

This agreement shall be governed by and construed in accordance with the laws of the State of Illinois, without giving effect to the provisions relating to conflict of laws.

Joe Trueblood
Sheboygan Water Utility

September 20, 2022
Page 10

We appreciate the opportunity to be of service to you.

If there are any questions regarding the Engagement Letter, please contact Jodi Dobson, the engagement partner on this engagement who is responsible for the overall supervision and review of the engagement and for determining that the engagement has been completed in accordance with professional standards. Jodi Dobson is available at 608 240 2469.

Sincerely,

BAKER TILLY US, LLP

Baker Tilly US, LLP

The services and terms as set forth in this Engagement Letter are agreed to by:

Official's Name

Official's Signature

Title

Date



Employer Resolution to Pay Entire Premium

Wisconsin Department
of Employee Trusts
PO Box 7931
Madison WI 53707-7931
1-877-533-5020 (toll free)
Fax 608-267-4549
etf.wi.gov

Item 7.

Employer resolution to pay entire premium for (check box(es)):

- ☒ Basic Group Life Insurance (1x earnings)
- ☒ Supplemental Group Life Insurance (1x earnings)
- ☒ Additional Group Life Insurance
 - ☒ 1 Unit (1x earnings)
 - ☒ 2 Units (2x earnings)
 - ☒ 3 Units (3x earnings)
- ☒ Spouse and Dependent Group Life Insurance

Your resolution will take effect either on the first of the month following the date your resolution is received by ETF, or the first day of the second month following the date your resolution is received by ETF. Premiums will be due beginning on the effective date that you elect.

I elect to pay the entire premium beginning (check one box):

- ☒ On the effective date of my resolution.
- ☐ On the first of the next month following the effective date of my resolution.

I hereby certify that pursuant to Wis. Stat. 40.05 (6)(e), a resolution to pay the entire group life insurance premium for all employees for the plan(s) indicated above was duly made by the
City of Sheboygan Board of Water Commissioners

(Governing body)

of the Sheboygan Water Utility

(Employer name)

Employer Identification Number (EIN): 39-6005601

on October 17, 2022

(Date action taken)

I understand that Wis. Stat. 943.395 provides criminal penalties for knowingly making false or fraudulent statements on this form and hereby certify that, to the best of my knowledge and belief, the information is true and correct.

| | | |
|-----------------|-------------------------|-------------------|
| Agent Signature | Title Superintendent | Date (MM/DD/YYYY) |
|-----------------|-------------------------|-------------------|

Submit completed form to ETF at ETFSMBESSNewEmployer@etf.wi.gov or fax to 608-267-4549.

For ETF use only: Effective date of coverage entered by ETF:



Resolution of Inclusion Under the Wisconsin Retirement System

Wis. Stat. §§ 40.21, 40.22

Wisconsin
of Employment **Item 7.** hds
1-877-533-5020 (toll free)
Fax 608-266-5801
etf.wi.gov

The (Governing Body) Commissioners of the ((Employer Legal Name) City of Sheboygan Board of Water Commissioners) authorizes and approves participation in the Wisconsin Retirement System on the effective date of January 1, 2023.

Eligible employees will participate in the WRS beginning on the effective date pursuant to the participation option chosen below. **This resolution must be received by, and is irrevocable after, November 15 prior to the effective date.**

Eligible Employee Participation Options (check one)

1. ☒ All current and future eligible employees will participate in the WRS.
All employees of Sheboygan Water Utility are already enrolled in WRS through the City of Sheboygan.
2. ☐ This employer will provide a one-time offer to current eligible employees to elect or waive WRS participation as of the above effective date. All eligible employees hired after the above effective date must be enrolled in the WRS.
Note: Employees who waive WRS coverage and continue to be employed by this employer will never be eligible for future WRS coverage and any other related benefits that may be available because of WRS participation.
3. ☐ Only future eligible employees hired by this employer on or after the effective date of this resolution will be enrolled in the WRS.

Prior Service Options (applies to Participation Options 1 and 2 above; check one)

- ☐ The employer will not pay the cost of providing prior service credit for WRS-eligible employees who worked for the employer before the WRS effective date. If the employer decides to offer prior service at a later date, a Resolution to Increase Prior Creditable Service (ET-1311) form is required.
- ☐ The employer will pay the cost of providing _____% prior service credit for WRS-eligible employees who worked for the employer before the WRS effective date. The employer may not limit prior service to specific employees. A resolution to recognize prior service is irrevocable after November 15.

Eligible Employee Participation Exclusion (Applies to all participation options — check only if applicable)

- ☐ This employer will exclude employees of a public utility under Wis. Stat. § 196.01(5) from WRS participation pursuant to Wis. Stat. § 40.21(7)(b).

Certification

I hereby certify that this resolution is a true, correct, and complete copy of the resolution adopted by the above governing body on October 17, 2022 (MM/DD/YYYY).

- ☒ I further certify that this employer is not operating, administering, or otherwise participating in an alternative or replacement retirement plan which replaces or exempts the employer from FICA taxes.

I understand that Wis. Stat. § 943.395 provides criminal penalties for knowingly making false or fraudulent statements, and hereby certify that, to the best of my knowledge and belief, the above information is true and correct.

30
Total number of employees
39-6005601
Federal tax identification number

Sheboygan
Employer County

Certifying Officer signature
Joe Trueblood
Certifying Officer printed name
Superintendent
Certifying Officer title
joetrueblood@sheboyganwater.org
Employer benefit contact email address

| For ETF use only | |
|------------------|------------------|
| Date Received: | ETF Employer ID: |
| Effective Date: | Initials: |





Resolution for Inclusion Under the Income Continuation Insurance Plan

Wisconsin Department of Employee Trust Funds
PO Box 7931
Madison WI 53707-7931
1-877-533-5020 (toll free)
Fax 608-267-4549
etf.wi.gov

Item 7.

RESOLVED, by the Board of Water Commissioners of the
(Governing Body)

City of Sheboygan of Sheboygan Water Utility
(Employer Legal Name)

that pursuant to the provisions of Section 40.61 of the Wisconsin Statutes,

Board of Water Commissioners hereby determines to offer the Income Continuation Insurance Plan
(Governing Body)

to eligible personnel through the program of the State of Wisconsin Group Insurance Board, and agrees to abide by the terms of the plan as set forth in the contract between the Group Insurance Board and the Administrator.

The resolution shall be effective on the later of the 1st of the month on or after 90 days following its receipt at the Department of Employee Trust Funds, or

_____; and
(specify a later effective date, 1st of month only)

The proper officers are herewith authorized and directed to take all actions and make salary deductions for premiums and submit payments required by the State of Wisconsin Group Insurance Board to provide such Income Continuation Insurance.

Certification

I hereby certify that the foregoing resolution is a true, correct and complete copy of the resolution duly and regularly passed by the above governing body on the 17th day of October, 2022 and that said resolution has not been repealed or amended, and is now in full force and effect.

Dated this _____ day of _____, _____.

39-6005601
Federal tax identification number (FEINTIN)

ETF employer identification number

Number of eligible employees 31

Sheboygan
Employer county

lgottsacker@sheboyganwater.org
Employer benefit contact email address

Authorized employer representative signature

Joe Trueblood
Authorized employer representative printed name

Superintendent
Authorized representative title

72 Park Avenue

Sheboygan WI 53081
Mailing address

Submit completed form to ETF at ETFSMBESSNewEmployer@etf.wi.gov or fax to 608-267-4549.

For ETF use only - EFFECTIVE DATE OF COVERAGE ENTERED BY ETF:



Resolution for Inclusion Under Group Life Insurance

Wisconsin Department
of Employee Trust Funds
PO Box 7931
Madison WI 53701
1-877-533-5020 (toll free)
Fax 608-267-4549
etf.wi.gov

Item 7.

RESOLVED, by the Board of Water Commissioners of the Sheboygan Water Utility of City of Sheboygan
Governing body Employer legal name

that pursuant to the provisions of Chapter 40 of the Wisconsin Statutes such Board of Water Commissioners
Governing body

hereby determines to be included under the following Group Life Insurance program(s) provided by Chapter 40 of the Wisconsin Statutes for its eligible personnel:

Check box(es) for coverage desired:

- ☒ Basic Group Life Insurance (1x earnings)
- ☒ Supplemental Group Life Insurance (1x earnings)
- ☒ Additional Group Life Insurance
 - ☒ 1 Unit (1x earnings)
 - ☒ 2 Units (2x earnings)
 - ☒ 3 Units (3x earnings)
- ☒ Spouse and Dependent Group Life Insurance
- ☒ Amount of insurance for any insured employee who attains age 65 on or after the effective date of this resolution shall be 50% rather than 25%

BE IT FURTHER RESOLVED, that the proper officers are herewith authorized and directed to take all actions and make such deductions and submit such payments as are required by the Group Insurance Board of the State of Wisconsin to provide such group life insurance.

BE IT FURTHER RESOLVED, that the Sheboygan Water Utility WRS Agent submit a certified copy of this
Employer name
resolution to the State of Wisconsin Department of Employee Trust Funds.

Certification

I hereby certify that the foregoing resolution is a true, correct and complete copy of the resolution duly and regularly passed by the Board of Water Commissioners of the Sheboygan Water Utility of City of Sheboygan on the
Governing body Employer name
17th day of October 2022, and that said resolution has not been repealed or amended, and is now in full force and effect.

Dated this ____ day of _____.

I understand that Wis. Stat. 943.395 provides criminal penalties for knowingly making false and fraudulent statements on this form and hereby certify that, to the best of my knowledge and belief, the information is true and correct.

Employer Identification Number (EIN) 39-6005601 Number of eligible employees: 31

WRS agent signature: _____ WRS agent title: Superintendent

Mailing address: 72 Park Avenue, Sheboygan WI 53081

Telephone: 920-459-3805

Email: joetrueblood@sheboyganwater.org

For ETF use only
EFFECTIVE DATE OF COVERAGE ENTERED BY ETF:

The resolution shall be effective on the first of the fourth month after receipt in the office of the Department of Employee Trust Funds. Submit completed form to ETF at ETFSMBESSNewEmployer@etf.wi.gov or fax to 608-267-4549.



Resolution for Inclusion Under the State of Wisconsin Deferred Compensation Program

Wisconsin Department of Employee Trust Funds
PO Box 7931
Madison WI 53707-7931
1-877-533-5020 (toll free)
Fax 608-267-4549
etf.wi.gov

Item 7.

Be it resolved by the City of Sheboygan Board of Water Commissioners of the Sheboygan Water Utility that
(Governing body) (Employer)
pursuant to the provisions of Section 40.81(1), Subchapter VII of Chapter 40 of the Wisconsin Statutes which provides in part as follows:

An employer other than the State may provide for its employees the Deferred Compensation Plan established by the Board under Section 40.80. Any employer, including this state, who makes the Plan under Section 40.80 available to any of its employees, shall make it available to all its employees under procedures established by the department under this subchapter.

Such City of Sheboygan Board of Water Commissioners hereby determines to be included under the State of Wisconsin Deferred
(Governing body)
Compensation Program ("the Plan") provided by Subchapter VII of Chapter 40 of the Wisconsin Statutes and regulated by Chapter ETF 70 of the Wisconsin Administrative Code for its eligible personnel, and

Be it further resolved, the proper officers are herewith authorized and directed to take all actions and make such reductions and submit such deferrals as are required by the Department of Employee Trust Funds of the State of Wisconsin pursuant to Subchapter VII of Chapter 40 of the Wisconsin Statutes, and

Be it further resolved, that Sheboygan Water Utility agrees to be bound by the Terms and
(Employer)
Conditions of the contracts between the State, its investment providers, and its Plan Administrator, and the "Plan and Trust Document" and the "Employer Guide" as amended from time to time. The employer certifies it has received a copy of the Plan and Trust document.

Be it further resolved, that the Sheboygan Water Utility representative submits a certified copy of
(Employer)
this Resolution and "Designation of Agent" to the State of Wisconsin, Department of Employee Trust Funds and the Plan Administrator.

Be it further resolved, that the City of Sheboygan Board of Water Commissioners recognizing the Deferred Compensation
(Governing body)
Board's responsibility for maintaining the integrity of the Plan, the City of Sheboygan Board of Water Commissioners hereby resolved
(Governing body)
that the proper officers of Sheboygan Water Utility are hereby authorized and directed to cooperate fully with
(Employer)
the Plan Administrator in accordance with procedures established by the Department of Employee Trust Funds.

Be it further resolved, that the City of Sheboygan Board of Water Commissioners of the Sheboygan Water Utility acknowledges
(Governing body) (Employer)
and submits that the Plan offered under Section 40.80 et seq., Subchapter VII of Chapter 40 of the Wisconsin Statutes is not and cannot be used as an alternative or replacement plan for purposes of FICA taxes. The Plan is meant to act as a supplemental retirement benefit in addition to social security (FICA) benefits.

Dated this 17th day of October, 2022.

Employer: Sheboygan Water Utility Governing body: City of Sheboygan Board of Water Commissioners

Authorized signature
Gerald R. Van De Kreeke
Print name

Authorized signature
Thomas E. Howe
Print name

Designation of Agent

The person in the following position is hereby designated as the agent in matter pertaining to the State of Wisconsin Deferred Compensation Program.

Note: Employer email addresses will be automatically subscribed to ETF E-mail Updates, an ETF email service providing employers with important ETF benefits administration information. It is your responsibility to read, forward to others in your agency as necessary, and take the necessary action related to information in each ETF E-mail Update. Add etfwi@public.govdelivery.com to your email address book to prevent news from ETF from ending up in a SPAM folder. If you have questions, please call the Employer Communication Center at 1-877-533-5020.

Agent: Joe Trueblood

Title of position of designated agent: Superintendent

Alternate agent: Lisa Gottsacker

Address: 72 Park Avenue

Telephone, including area code: 920-459-3804

Email: lgottsacker@sheboyganwater.org

Office hours: 7:30 AM - 4:00 PM

Federal employer ID number: 39-6005601

WRS ID number (if applicable): _____

Certification

I hereby certify that the foregoing Resolution is a true, correct, and complete copy of the

Resolution duly and regularly passed by the City of Sheboygan Board of Water Commissioners of
(Governing body)

Sheboygan Water Utility of Sheboygan on the 17th day of
(Employer name) (City)

October, 2022, and that this Resolution has not been repealed or amended, and is now in full force and effect.

Dated this 17th day of October, 2022.

Superintendent

Employer representative title

Employer representative signature

Number of eligible employees: 31



2023 Sheboygan Water Utility Budget

(Board approved October 17, 2022)

Sheboygan Board of Water Commissioners

72 Park Avenue

Sheboygan, WI 53081

WI PSC Utility No. 5370



Sheboygan Board of Water Commissioners

Sheboygan Water Utility
WI PSC Utility No. 5370
72 Park Avenue
Sheboygan, Wisconsin

2023 Budget

Budget provides for annual investment of **\$39,696,204** in all phases of Water Utility operations.

Revenues

Budgeted annual revenue total for 2023 **\$13,564,834** (1)
Estimated annual revenue total as of December 31, 2022 **\$20,585,906** (2)
Projected revenues for 2023 expected to increase (decrease) **-\$7,021,072**

Expenditures

| | Estimated 2022 | Budget 2022 | Budget 2023 | Budget Increase (Decrease) | Percent Change |
|--------------------------------------|----------------------------|----------------------------|----------------------------|-------------------------------|-------------------|
| <u>Expenditure by Classification</u> | | | | | |
| Labor | \$1,935,526 | \$1,865,029 | \$2,146,440 | \$281,411 | 15.1% |
| Source of supply | \$14,000 | \$18,000 | \$18,000 | \$0 | 0.0% |
| Pumping | \$520,634 | \$597,120 | \$601,220 | \$4,100 | 0.7% |
| Water treatment | \$765,882 | \$781,000 | \$927,521 | \$146,521 | 18.8% |
| Transmission & distribution | \$503,159 | \$426,100 | \$459,300 | \$33,200 | 7.8% |
| Customer accounts | \$103,364 | \$70,150 | \$77,150 | \$7,000 | 10.0% |
| Administrative & general | \$2,326,332 | \$2,529,171 | \$3,265,686 | \$736,515 | 29.1% |
| Taxes | \$1,290,295 | \$1,441,800 | \$1,341,128 | -\$100,672 | -7.0% |
| Capital outlay | \$18,717,000 | \$19,777,000 (3) | \$30,169,500 (4) | \$10,392,500 | 52.5% |
| Interest on bonds | \$441,113 | \$441,113 | \$690,260 | \$249,147 | 56.5% (5) |
| Totals | <u>\$26,617,306</u> | <u>\$27,946,484</u> | <u>\$39,696,204</u> | <u>\$11,749,721</u> | 42.0% |

1) Includes \$2.0M in federal direct spending grants

2) New water rates in effect 2/1/2022. Includes \$9.55M in one-time ARPA grants.

3) Includes \$18M for Raw Water Improvements (RWI) project construction/engineering.

4) Includes \$27.789M for RWI construction/engineering.

5) Increase due to new RWI debt.

Sheboygan's water rates remain among the lowest in the state for class AB utilities serving more than 5,000 customers.



CASH AND BUDGET SUMMARY
2023

| | Budget 2022 | Estimate 2022 | Budget 2023 |
|-----------------------------------------------------------------------------------|---------------------------|---------------------------|---------------------------|
| <u>REVENUES</u> | | | |
| Cash Balance January 1 (including bond reserves) | \$7,805,338 | \$8,963,486 (1) | \$9,319,430 |
| <u>Current Revenues</u> | | | |
| Total sales of water | \$8,767,695 | \$8,359,772 | \$8,276,174 |
| Other operating revenues (other sales) | \$2,268,637 | \$2,071,946 | \$2,061,777 |
| Non-operating revenues (rent, interest) | \$93,800 | \$119,188 | \$127,483 |
| Non-operating revenues (WDNR lead grants & SWU loan repayments) | \$710,000 | \$485,000 | \$1,074,400 |
| Contributions in aid of construction | \$25,000 | \$9,550,000 (5) | \$2,025,000 (6) |
| Total current revenues | \$11,865,132 | \$20,585,906 | \$13,564,834 |
| Total reserves available | \$19,670,470 | \$29,549,392 | \$22,884,264 |
| <u>EXPENDITURES</u> | | | |
| <u>Operation & Maintenance</u> | | | |
| Source of supply | \$19,500 | \$15,500 | \$19,500 |
| Pumping | \$825,008 | \$759,666 | \$870,132 |
| Water treatment | \$1,348,121 | \$1,315,203 | \$1,543,307 |
| Transmission & distribution maintenance | \$1,018,504 | \$1,160,232 | \$1,182,080 |
| Customer accounts | \$285,966 | \$306,965 | \$301,110 |
| Taxes | \$1,441,800 | \$1,290,295 | \$1,341,128 |
| Administrative & general (not including LSL grants) | \$1,639,471 | \$1,751,332 | \$1,769,186 |
| Total operation & maintenance | \$6,578,370 | \$6,599,192 | \$7,026,444 |
| <u>Other Expenditures</u> | | | |
| Capital outlay | \$19,777,000 | \$18,717,000 (3) | \$30,169,500 |
| Safe Drinking Water Loan proceeds (includes BAN payoff of \$3.2M in debt service) | -\$21,200,000 | -\$10,550,000 (4) | -\$25,789,000 |
| Water revenue bond proceeds | \$0 | \$0 | \$0 |
| Debt service (including principal and interest, and BAN payoff) | \$4,553,769 | \$4,603,770 (2) | \$1,780,897 |
| Non-operating grant - SWU LSL grants to customers | \$50,000 | \$50,000 | \$50,000 |
| Non-operating - SWU LSL loans to customers | \$550,000 | \$405,000 | \$897,600 |
| Non-operating grant - WDNR LSL grants to customers | \$550,000 | \$405,000 | \$862,400 |
| Total other expenditures | \$4,280,769 | \$13,630,770 | \$7,971,397 |
| Total expenditures | \$10,859,140 | \$20,229,962 | \$14,997,841 |
| <u>Cash & Receivables Balance -December 31</u> | <u>\$8,811,330</u> | <u>\$9,319,430</u> | <u>\$7,886,423</u> |
| (Total reserves - Total expenditures) | | | |

- 1) Cash reported is actual Jan 1, 2022.
- 2) Includes \$3.1M payoff of BAN loan and estimated \$150k interest on new SDWL for RWI.
- 3) Includes estimated \$17M for RWI construction and engineering
- 4) Reduced due to \$9.55M ARPA funding from City of Sheboygan
- 5) Includes \$9.55M in ARPA grants from City of Sheboygan
- 6) Includes \$2.0M in federal directed spending funds



STATEMENT OF ESTIMATED REVENUES
2023

| REVENUE SOURCE | Actual 2021 | Budget 2022 | Estimate 2022 | Budget 2023 |
|---------------------------------------------------------------------------------------------------------------------------|------------------------|------------------------|--------------------------|------------------------|
| <u>Metered Sales to General Customers (approx. 4.8 billion gallons)</u> | | | | |
| Residential | \$2,571,463 | \$3,070,100 | \$2,751,383 | \$2,723,869 |
| Multi-family | \$299,574 | \$383,428 | \$359,233 | \$355,641 |
| Commercial | \$580,551 | \$681,080 | \$654,102 | \$647,561 |
| Industrial | \$3,974,406 | \$4,633,087 | \$4,595,054 | \$4,549,103 |
| Totals | \$7,425,994 | \$8,767,695 | \$8,359,772 | \$8,276,174 |
| <u>Other Sales to Water Customers</u> | | | | |
| Private fire protection | \$126,139 | \$86,801 | \$81,874 | \$81,056 |
| Public fire protection (% inc Falls & Kohler) | \$920,579 | \$1,057,573 | \$946,869 | \$937,400 |
| Sales to public authorities | \$125,008 | \$116,884 | \$122,696 | \$121,469 |
| Sales to Sheboygan Falls & Kohler | \$942,356 | \$945,883 | \$873,101 | \$864,370 |
| Totals | \$2,114,081 | \$2,207,142 | \$2,024,540 | \$2,004,294 |
| <u>Other Revenues</u> | | | | |
| Late payment charges | \$52,946 | \$30,495 | \$26,750 | \$26,483 |
| Miscellaneous sales | \$16,352 | \$31,000 | \$20,657 | \$31,000 |
| Rental income from Georgia Ave | \$28,624 | \$28,800 | \$29,483 | \$29,483 |
| Billing & collecting charge to City | \$64,395 | \$45,000 | \$60,705 | \$60,000 |
| Non-operating revenues - SWU LSL Loan repayment | \$0 | \$160,000 | \$80,000 (3) | \$212,000 |
| Grant revenues - WDNR LSL replacement restricted (other billing & collecting costs accounted for by expense reduction) | \$200,788 | \$550,000 | \$405,000 | \$862,400 (1) |
| Totals | \$363,105 | \$845,295 | \$622,594 | \$1,221,366 |
| Total Revenues | \$9,903,180 | \$11,820,132 | \$11,006,906 | \$11,501,834 |
| <u>Other Income</u> | | | | |
| Interest | \$15,082 | \$20,000 | \$29,000 | \$38,000 |
| Contributions in aid of construction | \$0 | \$25,000 | \$9,550,000 (2) | \$2,025,000 (4) |
| Totals | \$15,082 | \$45,000 | \$9,579,000 | \$2,063,000 |
| REVENUES | Grand Totals | \$9,918,262 | \$11,865,132 | \$20,585,906 |
| | | | | \$13,564,834 |

1) WDNR LSL grants

2) \$9.55M ARPA grant

3) SWU LSL revolving loan payments from customers

4) \$2.0M federal directed spending grant



OPERATION AND MAINTENANCE EXPENSES
2023

| | Actual 2021 | Budget 2022 | Estimate 2022 | Budget 2023 |
|-----------------------------------------|---------------------------|---------------------------|---------------------------|---------------------------|
| <u>Source of Supply Expenses</u> | | | | |
| <u>Operations</u> | | | | |
| Labor | \$0 | \$500 | \$500 | \$500 |
| <u>Maintenance</u> | | | | |
| Labor | \$0 | \$1,000 | \$1,000 | \$1,000 |
| Intakes | \$8,990 | \$18,000 | \$14,000 | \$18,000 |
| <u>Totals</u> | <u>\$8,990</u> | <u>\$19,500</u> | <u>\$15,500</u> | <u>\$19,500</u> |
| <u>Pumping Expenses</u> | | | | |
| <u>Operations</u> | | | | |
| Labor | \$42,415 | \$45,317 | \$70,000 | \$77,000 |
| Electricity & natural gas | \$454,978 | \$500,000 | \$430,582 | \$500,000 |
| Pumping equipment | \$0 | \$3,120 | \$0 | \$3,120 |
| Miscellaneous | \$32,000 | \$27,000 | \$25,000 | \$27,000 |
| Utilities | \$34,964 | \$44,000 | \$41,961 | \$45,100 |
| <u>Maintenance</u> | | | | |
| Labor | \$169,748 | \$182,570 | \$169,031 | \$191,912 |
| Pumping equipment | \$11,216 | \$20,000 | \$17,000 | \$20,000 |
| Structures | \$8,079 | \$3,000 | \$6,091 | \$6,000 |
| <u>Totals</u> | <u>\$753,399</u> | <u>\$825,008</u> | <u>\$759,666</u> | <u>\$870,132</u> |
| <u>Water Treatment Expenses</u> | | | | |
| <u>Operations</u> | | | | |
| Labor | \$517,248 | \$503,121 | \$501,624 | \$551,787 |
| Water treatment equipment | \$336,768 | \$390,000 (1) | \$344,423 | \$390,000 |
| Chemicals | \$224,364 | \$280,000 | \$352,334 | \$380,521 |
| Miscellaneous | \$1,627 | \$45,000 | \$2,000 | \$88,000 |
| Utilities | \$13,060 | \$21,000 | \$24,230 | \$25,000 |
| <u>Maintenance</u> | | | | |
| Labor | \$52,300 | \$64,000 | \$47,697 | \$64,000 |
| Water treatment equipment | \$21,376 | \$25,000 | \$25,000 | \$25,000 |
| Structures | \$0 | \$20,000 | \$17,895 | \$19,000 |
| <u>Totals</u> | <u>\$1,166,744</u> | <u>\$1,348,121</u> | <u>\$1,315,203</u> | <u>\$1,543,307</u> |

1) Includes sludge disposal charges to WWTP (\$60k) and contractor (\$200k) along with maintenance, lab equipment



OPERATION AND MAINTENANCE EXPENSES
2023

| | Actual 2021 | Budget 2022 | Estimate 2022 | Budget 2023 |
|------------------------------------------------------------|---------------------------|---------------------------|---------------------------|-----------------------------|
| <u>Transmission & Distribution Expenses</u> | | | | |
| <u>Operations</u> | | | | |
| Labor | \$266,364 | \$355,405 | \$329,354 | \$362,290 |
| Reservoirs & standpipes | \$1,947 | \$17,000 | \$17,000 | \$17,000 |
| Mains & hydrants | \$30,259 | \$30,000 | \$40,000 | \$30,000 |
| Meters | \$1,873 | \$3,600 | \$4,618 | \$23,600 |
| Customer services | \$128,606 | \$120,000 | \$115,000 | \$118,000 |
| Miscellaneous | \$20,826 | \$40,000 | \$40,063 | \$52,000 |
| Utilities | \$20,285 | \$22,000 | \$22,783 | \$25,700 |
| <u>Maintenance</u> | | | | |
| Labor | \$310,395 | \$237,000 | \$327,719 | \$360,491 |
| Structures & improvements | \$4,382 | \$9,000 | \$7,000 | \$8,500 |
| Reservoirs & standpipes | \$65,627 | \$20,000 | \$55,000 | \$20,000 |
| Mains | \$258,324 | \$125,000 | \$164,709 | \$125,000 |
| Meters | \$6,850 | \$4,500 | \$6,987 | \$4,500 |
| Hydrants | \$39,307 | \$30,000 | \$25,000 | \$30,000 (1) |
| Customer Services | \$185 | \$5,000 | \$5,000 | \$5,000 |
| <u>Totals</u> | <u>\$1,155,229</u> | <u>\$1,018,504</u> | <u>\$1,160,232</u> | <u>\$1,182,080</u> |
| <u>Customer Accounts Expenses</u> | | | | |
| <u>Operations</u> | | | | |
| Labor | \$185,570 | \$215,816 | \$203,600 | \$223,960 |
| Meter reading | \$12,037 | \$4,000 | \$11,095 | \$11,000 |
| Billing & collecting | \$47,997 | \$40,000 | \$67,320 | \$40,000 |
| Uncollectible accounts | \$4,597 | \$8,000 | \$8,000 | \$8,000 |
| Utilities | \$727 | \$650 | \$621 | \$650 |
| Postage | \$13,728 | \$17,500 | \$16,328 | \$17,500 |
| <u>Totals</u> | <u>\$264,654</u> | <u>\$285,966</u> | <u>\$306,965</u> | <u>\$301,110</u> |
| <u>Taxes</u> | | | | |
| Local & school (payment in lieu of taxes to City) | \$1,164,036 | \$1,306,800 | \$1,159,170 | \$1,206,128 |
| Payroll | \$125,212 | \$125,000 | \$121,125 | \$125,000 |
| P.S.C. remainder assessment (mandatory to state regulator) | \$10,156 | \$10,000 | \$10,000 | \$10,000 |
| <u>Totals</u> | <u>\$1,299,404</u> | <u>\$1,441,800</u> | <u>\$1,290,295</u> | <u>\$1,341,128</u> |
| <u>Interest Expense Long Term Debt</u> | | | | |
| Expense (bonds, SDW loans, unfunded pension) | <u>\$321,934</u> | <u>\$441,113</u> | <u>\$441,113</u> | <u>\$690,260 (2)</u> |

1) Includes \$10,000 for stripping and painting 100 fire hydrants

2) Increase due to RWI SDWL



OPERATION AND MAINTENANCE EXPENSES

2023

| | Actual 2021 | Budget 2022 | Estimate 2022 | Budget 2023 |
|----------------------------------------------------------------------------|----------------------------|---------------------------|---------------------------|---------------------------|
| <u>Administrative & General Expenses</u> | | | | |
| <u>Operations</u> | | | | |
| Labor | \$248,803 | \$260,300 | \$285,000 | \$313,500 |
| Office supplies | \$13,500 | \$12,000 | \$18,765 | \$18,000 |
| Utilities | \$3,399 | \$4,000 | \$2,438 | \$4,000 |
| Outside services & lawyers (cross connection, health ins. review) | \$70,926 | \$52,000 | \$102,500 | \$130,000 |
| Auditors | \$11,450 | \$13,000 | \$28,319 | \$15,000 |
| <u>Property Insurance</u> | | | | |
| Property and contractors' equipment | \$37,506 | \$35,000 | \$38,259 | \$38,000 |
| Auto | \$6,700 | \$7,000 | \$7,018 | \$7,000 |
| Crime | \$869 | \$1,000 | \$830 | \$1,000 |
| <u>Injuries & Damage Insurance</u> | | | | |
| Workmen's Comp | \$23,062 | \$35,000 | \$28,854 | \$31,200 |
| General liability, public officials, umbrella | \$25,409 | \$30,000 | \$30,000 | \$30,000 |
| <u>Other Expenses</u> | | | | |
| Hospitalization (actual claims inc prescrip, TPA, reduced by emp contribs) | \$1,034,802 | \$832,271 | \$893,600 | \$863,586 (1) |
| Retirement | -\$98,012 | \$272,000 | \$222,000 | \$232,000 |
| Life | \$5,367 | \$4,900 | \$5,747 | \$4,900 |
| Regulatory commission expense | \$28,558 | \$30,000 | \$30,000 | \$30,000 |
| Miscellaneous & administrative expense | \$44,770 | \$45,000 | \$45,000 | \$45,000 |
| Non-operating grant expense (WDNR LSL grants to customers) | \$176,303 | \$550,000 (2) | \$405,000 | \$862,400 |
| Private lead service line (LSL) replacement (SWU grants to customers) | \$7,495 | \$50,000 | \$50,000 | \$50,000 |
| Private lead service line (LSL) replacement (SWU loans to customers) | \$83,781 | \$550,000 | \$405,000 | \$897,600 |
| <u>Maintenance</u> | | | | |
| Office equipment maintenance | \$3,581 | \$1,000 | \$1,000 | \$1,000 |
| Office facilities maintenance | \$7,454 | \$5,000 | \$12,000 | \$5,000 |
| <u>Totals</u> | \$1,735,724 | \$2,789,471 | \$2,611,332 | \$3,579,186 |
| EXPENDITURES (NOT INCLUDING CAPITAL) | <u>Grand Totals</u> | <u>\$6,706,079</u> | <u>\$8,169,484</u> | <u>\$7,900,306</u> |
| | | | | <u>\$9,526,704</u> |

1) On Aug. 1, 2022, the Utility moved from a self-insured to fully-insured health insurance plan.

2) LSL projects include St. Clair 12th to 13th; Clara 10th to 11th;

Lincoln Barrett to N. 3rd; St. Clair 9th to 12th and 13th to 14th; Clara 8th to 10th and 11th to 12th



CAPITAL OUTLAY
2023

| | Actual 2021 | Budget 2022 | Actual & Estimate 2022 | Budget 2023 |
|----------------------------------------------------------------------------------|--------------------|--------------------|------------------------------|--------------------|
| <u>New Construction and Meters</u> | | | | |
| 2023 Distribution mains, hydrants, and related construction (not including LSL) | | | | \$1,100,000 (1) |
| 2023 Meters (860) of all sizes, including bolts and gaskets, large meter testing | | | | \$80,000 |
| 2023 Orion radio generators (500) for 1/2 & 5/8" meters | | | | \$80,000 |
| 2023 Replacement of 10 hydrants and 10 street valves | | | | \$100,000 |
| 2022 Distribution mains, hydrants, and related construction (not including LSL) | | \$1,200,000 | \$1,200,000 | |
| 2022 Meters (860) of all sizes, including bolts and gaskets, large meter testing | | \$102,000 | \$102,000 | |
| 2022 Orion radio generators (500) for 1/2 & 5/8" meters | | \$60,000 | \$60,000 | |
| 2022 Replacement of 10 hydrants and 10 street valves | | \$100,000 | \$100,000 | |
| 2021 Distribution mains, hydrants, and related construction (not including LSL) | \$1,127,753 | | | |
| 2021 Engineering work for Sheboygan River crossing (N. 11th St.) | \$26,952 | | | |
| 2021 Meters (all sizes, including bolts and gaskets, large meter testing) | \$89,942 | | | |
| 2021 400 Orion radio generators for 1/2 & 5/8" meters | \$17,424 | | | |
| 2021 Replacement of 10 hydrants and 10 street valves | \$54,195 | | | |
| 2021 Hose bib backflow preventers (1011-style units) | \$10,483 | | | |
| Total new construction | \$1,326,749 | \$1,462,000 | \$1,462,000 | \$1,360,000 |
| <u>Other capital outlay</u> | | | | |
| <u>Source of Supply</u> | | | | |
| 2023 RWI: intake pipeline, well, pump station - construction/engineering | | | | \$27,789,000 |
| 2022 RWI: intake pipeline, well, pump station - construction/engineering | | \$18,000,000 | \$17,000,000 (2) | |
| 2021 RWI: intake pipeline, well, pump station - final design | \$1,813,625 | | | |
| <u>Pumping</u> | | | | |
| 2023 | | | | \$0 |
| 2022 Wash pump #1 - Switch gear and motor replacement | | \$95,000 | \$95,000 | |
| 2021 Behrens Parkway pit pump upgrade design | \$17,591 | | | |
| 2020 Electric actuator - backwash basin | \$17,507 | | | |
| <u>Equipment</u> | | | | |
| 2023 | | | | \$0 |
| 2022 Wilgus Ave Pumpstation Generator Replacement | | \$110,000 | \$110,000 | |
| <u>Structures</u> | | | | |
| 2021 Engineering work for retaining wall rehab | \$27,155 | | | |

1) Includes N. 25th Street from Superior to Cleveland; S. Taylor Dr at S of Union; Lincoln Ave from Barrett to 1st; S. 12th upside for golf course

2) Includes \$13.3M in construction costs per CD Smith.



CAPITAL OUTLAY
2023

| | | Actual 2021 | Budget 2022 | Actual & Estimate 2022 | Budget 2023 |
|------------------------------------------------|--------------------------------------------------------------------------|--------------------|---------------------|------------------------------|---------------------|
| <u>Water Treatment</u> | | | | | |
| <u>Equipment</u> | | | | | |
| | 2023 Sodium hypochlorite bulk tank replacement (inc piping and fittings) | | | | \$150,000 |
| | 2023 Phosphate system upgrade (additional bulk tank) | | | | \$12,000 |
| | 2023 Filter effluent actuator replacements (six) | | | | \$45,000 |
| | 2023 UV battery backup upgrades | | | | \$10,000 |
| | 2023 filter replacements/rehab (2-3) | | | | \$650,000 |
| 2021 | Sludge pit pump #1 replacement | \$29,221 | | | |
| <u>Water Treatment (continued)</u> | | | | | |
| <u>Structures</u> | | | | | |
| 2021 | Roofing replacement A-10 (chlorine bulk storage) | \$24,714 | | | |
| 2021 | East basin structural repairs (liner and concrete) | \$0 | | | |
| <u>Heating Equipment</u> | | | | | |
| 2022 | Heating Upgrades(Add redundant heating in UV and chemical bulk areas) | | \$25,000 | \$25,000 | |
| <u>SCADA Equipment</u> | | | | | |
| <u>Lab Equipment</u> | | | | | |
| 2022 | DR5000 spectrophotometer replacement | | \$10,000 | \$10,000 | |
| <u>Office Furniture & Equipment</u> | | | | | |
| | 2023 Computer replacements (4) | | | | \$8,500 |
| 2022 | Neogov software | | \$35,000 | \$15,000 | |
| 2021 | Copy machine replacement | \$0 | | | |
| 2021 | Computer replacements (4) | \$7,091 | | | |
| 2021 | Website maintenance & security upgrades | \$2,500 | | | |
| 2021 | Data server replacement | \$7,788 | | | |
| <u>Transportation Equipment</u> | | | | | |
| | 2023 Replacement of trucks (10 and 17) | | | | \$100,000 |
| | 2023 Replacement of 2008 Utility passenger vehicle | | | | \$35,000 |
| 2022 | #10 truck replacement (2010) to fuel efficient vehicle | | \$40,000 | \$0 | |
| <u>Power Operated Equipment</u> | | | | | |
| <u>Engineering Department</u> | | | | | |
| | 2023 ESRI GIS licenses and training | | | | \$10,000 |
| 2021 | ESRI GIS licenses and training | \$6,287 | | | |
| 2021 | Replacement of GPS survey unit | \$0 | | | |
| <u>Total other capital</u> | | <u>\$1,953,479</u> | <u>\$18,315,000</u> | <u>\$17,255,000</u> | <u>\$28,809,500</u> |
| <u>Total all capital expenditures</u> | | <u>\$3,280,228</u> | <u>\$19,777,000</u> | <u>\$18,717,000</u> | <u>\$30,169,500</u> |

Date: October 14, 2022
To: Joe Trueblood, Utility Superintendent
From: Bill Swearingen, Operations Supervisor
Subject: UCMR5 Testing

The Sheboygan Water Utility has participated in Unregulated Contaminant Monitoring Rule (UCMR) since early 2000s. The US Environmental Protection Agency UCMR system generates a new list of contaminants identified for monitoring. The monitoring program is administered by the Environmental Protection Agency via Wisconsin Department of Natural Resources.

In 2023, the utility will participate in UCMR5 testing.

The Sheboygan Water Utility is classified as a system serving a population of 10,000 to 49,999, thus testing and monitoring begins on January 1, 2023 - March 1, 2023. The utility is required to collect samples and testing for 29 PFAS compounds and one metal compound (lithium).



001199
SHEBOYGAN CITY CLERK - MEREDITH DEBRUIN
SHEBOYGAN WATER UTILITIES
828 CENTER AVENUE SECOND FLOOR
SHEBOYGAN, WI 53081

46003540

September 26, 2022

SUBJECT: 2023 PRELIMINARY MONITORING SCHEDULES - Drinking Water Monitoring Requirements

To access your public water system's drinking water monitoring requirements' preliminary monitoring schedule

- 1) Go to the DNR web site using the link: dnr.wi.gov/dwsviewer
- 2) CLICK the "Find Public Water Systems" button.
- 3) Enter your system Name or Public Water Supply ID (46003540), and then CLICK the "Search" button.
- 4) In the results section, CLICK on your System Name - this may take a few seconds to download.
- 5) At the top CLICK on the button "View Preliminary Monitoring Schedule For 2023"

Changes to the preliminary monitoring schedule may occur prior to *January 2023*. The DNR web site continuously updates and displays current monitoring requirement information for your system. Please contact your regional DNR representative if you have questions regarding your monitoring requirements. The 2023 monitoring schedule and other documents will be mailed to your water system sampler in *January 2023*.

The back side of this letter includes a list of estimated laboratory analytical costs for specific contaminants or contaminant groups your system may be required to monitor for in 2023. The list can be used to estimate your 2023 monitoring costs. Coliform bacteria compliance sample analysis is available and performed at the Wisconsin State Laboratory of Hygiene at no charge.

The 2023 preliminary monitoring requirements include eligible reduced monitoring waivers based on the submission of a *Monitoring Assessment Application*. The application must be submitted *every three years* in order to qualify for monitoring waivers. The most recent waiver approvals were completed for Municipal Community Systems for 2023 monitoring requirements.

Please note a *Public Water System Information Survey* is included in this mailing packet. The survey contains important information about your system. Please review the information survey for accuracy. Please identify any changes or corrections on the form and return the form *to the regional DNR office listed at the top of the survey form*. You do not have to return the form to the DNR if there are no changes.

Also, please review the attached letter with information regarding the new 2023 monitoring requirements for perfluoroalkyl substances (PFAS) in 2023.

Thank you for your review of the preliminary monitoring schedule and public water supply information survey.
Sincerely,

Dino Tsois - Water Supply Specialist

COST ESTIMATES PER CONTAMINANT OR CONTAMINANT GROUP (2023)

(Estimates only, cost may vary between specific analysis performed and laboratories)

Item 10.

| CONTAMINANT GROUP | COST ESTIMATE | CONTAMINANTS | SAMPLING LOCATION |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Asbestos | \$136 | Asbestos | Distribution Sample at a tap served by A/C pipe |
| Cyanide | \$60 | Cyanide | Entry point sample |
| Dioxin | \$450 | Dioxin | Entry point sample |
| EDB/DBCP | \$100 | Ethylene Dibromide (EDB) Dibromochloropropane (DBCP) | Entry point sample |
| Industrial Chemicals and/or Benzo[a]pyrene | \$300 | Benzo[a]pyrene Di(2-ethylhexyl)adipate Di(2-ethylhexyl)phthalate | Benzo[a]pyrene - distribution sample at a tap after coal tar use, Industrial Chemicals are entry point samples. |
| Inorganics | \$350 | Arsenic, Antimony, Barium, Beryllium, Cadmium, Chromium, Fluoride, Mercury, Nickel, Nitrate, Nitrite, Selenium, Thallium | Entry point sample |
| Secondary Inorganics | \$200 | Alkalinity, aluminum, calcium, chloride, hardness, iron, magnesium, manganese, pH, total dissolved solids, silver, zinc | Entry point |
| Fluoride only | \$20 | Fluoride | Split Distribution samples |
| Lead and Copper | \$54 | Lead/Copper | Distribution sample |
| Nitrate | \$29 | Nitrate | Entry point sample |
| Nitrite | \$29 | Nitrite | Entry point sample |
| Pesticides | \$875 - 1100 | 29 Regulated Pesticides** 10 Unregulated Pesticides** | Entry point sample |
| Gross alpha | \$68 | Gross alpha | Entry point sample |
| Radium 226&228 | \$245 | Radium 226+ Radium 228 | |
| Total Uranium | \$216 | Uranium | |
| Total Trihalomethanes (TTHMs) | \$171 | Bromodichloromethane, Bromoform, Chloroform, Dibromochloromethane | Distribution System |
| Bromate | \$60 | Bromate | Distribution System |
| Haloacetic acid | \$190 | HAA5 | Distribution System |
| Volatile Organics | \$171 | 21 Regulated VOCs* 20 Unregulated VOCs* | Entry point Sample |
| *REGULATED VOC's Benzene Vinyl Chloride Carbon Tetrachloride 1,2-Dichloroethane Trichloroethylene 1,1-Dichloroethylene 1,1,1-Trichloroethane p-Dichlorobenzene cis-1,2-Dichloroethylene trans-1,2-Dichloroethylene 1,2-Dichloropropane Ethyl benzene Chlorobenzene o-Dichlorobenzene Styrene Tetrachloroethylene Toluene Xylene (total) Dichloromethane 1,2,4 Trichlorobenzene 1,1,2 Trichloroethane | *UNREGULATED VOC's 1,1-Dichloroethane 1,1-Dichloropropene 1,1,1,2-Tetrachloroethane 1,1,2,2-Tetrachloroethane 1,2,3-Trichloropropane 1,3-Dichloropropane 1,3-Dichloropropene 2,2-Dichloropropane Bromobenzene Bromodichloromethane Bromoform Bromomethane Chlorodibromomethane Chloroethane Chloroform Chloromethane Dibromomethane m-Dichlorobenzene o-Chlorotoluene p-Chlorotoluene | **REGULATED PESTICIDES Alachlor Aldicarb, total AldicarbSulfoxide AldicarbSulfone Atrazine Carbofuran Chlordane, total Chlordane, alpha Chlordane, gamma 2,4-D Dalapon Dinoseb Diquat Endothall Endrin Glyphosate Heptachlor Heptachlor epoxide Hexachlorobenzene Hexachlorocyclopentadiene Lindane | Methoxychlor Oxamyl (Vydate) PCBs Pentachlorophenol (PCP) Picloram 2,4,5-TP Simazine Toxaphene **UNREGULATED PESTICIDES Aldrin Butachlor Carbaryl Dicamba Dieldrin 3-Hydroxycarbofuran Methomyl Metolachlor (dual) Metribuzin Propachlor |



Drinking water system owner or operator,

This letter contains information about the Department of Natural Resources (DNR) new maximum contaminant levels (MCLs) for two different perfluoroalkyl substances (PFAS) and the associated monitoring requirements.

MCLs have been set for perfluorooctanoic acid (PFOA) and perfluorooctane sulfonic acid (PFOS) and are in effect as of August 1, 2022, as part of the revised NR 809, *Safe Drinking Water*, Wis. Adm. Code. PFOA and PFOS are two types of PFAS that are associated with numerous harmful health effects, including: higher cholesterol, reduced immune response, cancer, decreased infant birth weights. More information about the health effects of PFAS exposure can be found the Department of Health Services website: <https://www.dhs.wisconsin.gov/chemical/pfas.htm>.

The MCL for PFOA and PFOS is 0.000070 mg/L (70 ppt). This level is set for the combined concentration of PFOA and PFOS. Systems that exceed the MCL for PFOA and PFOS will be required to take measures to return to compliance, which may include drilling a new well or installing a treatment system. There are initial and routine monitoring requirements for PFOA and PFOS; they are as follows:

Initial Monitoring Requirements

Water suppliers for community and non-transient, non-community water systems need to take four consecutive, quarterly samples for PFOA and PFOS beginning on the dates provided below in the initial monitoring requirements timeline. Waivers may be available for some systems to reduce the amount of initial quarterly samples by two or three quarters if there are no detections of contaminants in the first two quarters and/or other waiver criteria are met.

Initial Monitoring Timeline

For community and non-transient, non-community systems serving a population of 50,000, monitoring begins on **October 1, 2022 - December 31, 2022**.

For community and non-transient, non-community systems serving a population of 10,000 to 49,999, monitoring begins on **January 1, 2023 - March 1, 2023**.

For community and non-transient, non-community systems serving a population of 300 to 10,000, monitoring begins on **April 1, 2023 - June 30, 2023**.

For community and non-transient, non-community systems serving a population of 50 to 299, monitoring begins on **July 1, 2023 - September 30, 2023**.

For community and non-transient, non-community systems serving a population of 49 or fewer, monitoring begins **October 1, 2023 - December 31, 2023**.

Routing Monitoring

Public water systems that do not detect PFOA or PFOS in the initial compliance period may be eligible for a reduced PFOA and PFOS monitoring frequency to routine monitoring every three years. Eligible public water systems serving a population of 3,300 or fewer need to sample once every three years. Eligible public water systems serving a population more than 3,300 need to sample for two consecutive quarters every three years.

Waivers

Monitoring waivers may be available for initial and routine PFOA and PFOS monitoring. A waiver monitoring period may not exceed six years.

The DNR will be hosting a webinar training for the PFOA and PFOS MCLs. It will take place on October 18, 2022, at 10:00 a.m. You should have received an email with the meeting information. Please see the following link or telephone number to attend the webinar:

Meeting URL: <https://us02web.zoom.us/j/87343354573>

Meeting ID: 873 4335 4573

Telephone: US: +1(312) 626-6799 or +1(646) 931-3860
Enter Meeting ID Above when Prompted

If you are unable to attend the training webinar, a recording will be posted on the DNR website at: DNR.Wisconsin.gov, search, NR 809 Update.

Questions can be directed to William Dougherty at telephone (608) 640-0891 or email at William.Dougherty@Wisconsin.gov.

Thank you.

Public Water System Information Survey

SHEBOYGAN WATER UTILITIES - 46003540

Item 10.

Corrected survey
forms should be Katie Schulz
returned to:

SCAN AND EMAIL TO:
katarina.schulz@wisconsin.gov

Notice: Information on this form is required and authorized under ss. 280 and 281, Wis. Stats.
If you have questions regarding this information, please contact your local DNR representative:
Petwara Toyongtrakoon @ (920) 400-0539

FACILITY INFORMATION:

PWS Name: SHEBOYGAN WATER UTILITIES

PWS ID: 46003540

PWS Type: Municipal Community System

Ownership: Municipal

Location Address: 72 PARK AVE

Location City: SHEBOYGAN

Zip: 53081

Population Served

Nontransient: 48,327

Transient:

of extra bacti bottles: 0

Percentage of water coming from:

Groundwater: 0

Purchased Groundwater: 0

Surface Water: 100

Purchased Surface Water: 0

For systems which operate seasonally:

Season Begins: Season Ends:
(MM/DD) (MM/DD)

EMERGENCY CONTACT INFORMATION:

Name: Joe R Trueblood

Title: SUPT

E-mail Address: joetrueblood@sheboyganwater.org

Address: 72 PARK AVENUE

Contact Number(s):

Business: (920) 459-3805

Emergency: (920) 459-3811

Emergency: (920) 946-5690

Emergency: (920) 946-6505

City: SHEBOYGAN State: WI Zip: 53081

24-hour contact number for security or emergency alerts: (920) 946-5690

LEGAL WELL OWNER INFORMATION:

Individual/Company on Land Deed:

Title:

Contact Number(s):

E-mail Address:

Address:

City:

State:

Zip:

WATER SYSTEM OWNER INFORMATION:

Name: Sheboygan City Clerk - Meredith Debruin

Title:

Contact Number(s):

E-mail Address: meredith.debruin@sheboyganwi.gov

Business: (920) 459-3361

Address: 828 CENTER AVENUE SECOND FLOOR

Fax: (920) 459-2917

City: SHEBOYGAN

State: WI Zip: 53081

SAMPLER INFORMATION:

Name: William Swearingen

Title: OPERATIONS SUPERVISOR

Contact Number(s):

E-mail Address: billswearingen@sheboyganwater.org

Business: (920) 459-3812

Address: 72 PARK AVE

Fax: (920) 459-4325

City: SHEBOYGAN

State: WI Zip: 53081

Public Water System Information Survey

SHEBOYGAN WATER UTILITIES - 46003540

Item 10.

CERTIFIED OPERATOR INFORMATION:

| Lic #: | Name of Certified Op: | Date started/ended at PWS: | Subclass: | Check Enter If OIC Start OIC: Date: |
|--------|-----------------------|----------------------------|-------------------|-------------------------------------|
| 35641 | Andy J Wellman | 12/05/2011 - | DISTRIBUTION | |
| 35641 | Andy J Wellman | 12/05/2011 - | GROUNDWATER | |
| 35641 | Andy J Wellman | 12/05/2011 - | IRON REMOVAL | |
| 35641 | Andy J Wellman | 12/05/2011 - | LIME SOFTENING | |
| 35641 | Andy J Wellman | 12/05/2011 - | SURFACE WATER | |
| 35641 | Andy J Wellman | 12/05/2011 - | VOC REMOVAL | |
| 35641 | Andy J Wellman | 12/05/2011 - | ZEOLITE SOFTENING | |
| 35967 | Daniel F Marsicek | 08/12/2013 - | GROUNDWATER | |
| 35967 | Daniel F Marsicek | 08/12/2013 - | LIME SOFTENING | |
| 35967 | Daniel F Marsicek | 08/12/2013 - | SURFACE WATER | |
| 35470 | David Warden | 10/02/1995 - | DISTRIBUTION | |
| 35472 | David A Boenisch | 12/17/2007 - | DISTRIBUTION | |
| 38319 | David C Mcmillan Jr | 05/28/2019 - | DISTRIBUTION | |
| 30893 | Eric J Hinz | 10/11/1993 - | DISTRIBUTION | |
| 30893 | Eric J Hinz | 10/11/1993 - | SURFACE WATER | |
| 29032 | Glen J Paider | 08/24/1992 - | DISTRIBUTION | |
| 29032 | Glen J Paider | 08/24/1992 - | GROUNDWATER | |
| 29032 | Glen J Paider | 08/24/1992 - | IRON REMOVAL | |
| 29032 | Glen J Paider | 08/24/1992 - | SURFACE WATER | |
| 29032 | Glen J Paider | 08/24/1992 - | VOC REMOVAL | |
| 35468 | Jason H Risseuw | 05/29/2001 - | DISTRIBUTION | |
| 34009 | Jeffrey N Bruntjens | 10/02/2006 - | DISTRIBUTION | |
| 34009 | Jeffrey N Bruntjens | 10/02/2006 - | GROUNDWATER | |
| 34009 | Jeffrey N Bruntjens | 10/02/2006 - | SURFACE WATER | |
| 36750 | Joshua A Kubow | 12/21/2015 - | SURFACE WATER | |
| 34010 | Mark K Vaneffen | 07/31/2006 - | SURFACE WATER | |
| 37412 | Tamara M Scheuren | 04/06/2017 - | DISTRIBUTION | |
| 35469 | Thomas J Desombre | 02/13/1996 - | DISTRIBUTION | |
| 37177 | Tyler Beveridge | 08/01/2018 - | SURFACE WATER | |
| 36828 | Wayne E Gilbertson | 08/15/2017 - | SURFACE WATER | |
| 33019 | William D Swearingen | 10/23/2002 - | DISTRIBUTION | |
| 33019 | William D Swearingen | 10/23/2002 - | GROUNDWATER | |
| 33019 | William D Swearingen | 10/23/2002 - | IRON REMOVAL | |
| 33019 | William D Swearingen | 10/23/2002 - | LIME SOFTENING | |
| 33019 | William D Swearingen | 10/23/2002 - | SURFACE WATER | |
| 35471 | William R Rose | 10/09/1989 - | DISTRIBUTION | |

ENTRY POINT/SOURCE INFORMATION:

| Source Unique ID: | Well #: | Status: | Description/location: |
|-------------------|---------|---------|-----------------------|
| 1 | | Active | 30" intake |
| 2 | | Active | 36" intake |
| 100 | | Active | |

TREATMENT INFORMATION:

| Source Treatment ID: | Description: | Reason for Treatment: | Percent of Flow: | Start Date: | End Date: |
|----------------------|--------------|-----------------------|------------------|-------------|-----------|
|----------------------|--------------|-----------------------|------------------|-------------|-----------|

SHEBOYGAN WATER UTILITIES - 46003540

TREATMENT INFORMATION:

CONSECUTIVE SYSTEMS INFORMATION:

PLEASE COMPLETE THE FOLLOWING:

58

R. O. No. 09-30-22 . By BOARD OF WATER COMMISSIONERS. October 17, 2022.

We, hereby, submit the Board of Water Commissioners' Report on the Water Utility for the third quarter of 2022.

The water pumpage decreased 1.7% from the same period in 2021. 1,253,674,000 gallons were pumped in the third quarter 2022, compared to 1,275,383,000 in 2021.

Year to date Operating Revenue at the end of the third quarter 2022 increased by \$549,383 compared to year to date 2021. The net income for the Utility, as of the end of September, 2022 is \$11,057,622, which includes the receipt of ARPA contribution for construction of the RWI project. Details are shown on the attached Income Statement and Balance Sheet.

Construction-Maintenance:

Construction-maintenance work by the Water Utility during the third quarter of 2022:

| | |
|--------------------------------------------------------------------------------------------------------|-------|
| Number of feet of 4 inch water main installed | 0.0 |
| Number of feet of 6 inch hydrant lead installed | 17.6 |
| Number of feet of 6 inch water main installed | 14.6 |
| Number of feet of 8 inch water main installed | 419.4 |
| Number of feet of 10 inch water main installed | 0.0 |
| Number of feet of 12 inch water main installed | 0.0 |
| Number of feet of 16 inch water main installed | 0.0 |
| Number of feet of 20 inch water main installed | 0.0 |
| Number of feet of 24 inch water main installed | 0.0 |
| Number of feet of water main abandoned or removed..... | 450.0 |
| Number of water main breaks repaired | 3 |
| Number of fire hydrants installed, replaced, relocated, removed, flushed, or major repairs made.... | 7 |
| Number of water main valves installed, repaired, removed, or replaced | 31 |
| Number of water service connections installed | 45 |

Details are shown on the attached spreadsheets.

Other Utility Business:

Construction continued on the Raw Water Improvements (RWI) project. The contractor, CD Smith, completed installation of deep steel sheeting designed to protect the shoreline for 100 years. Soils removed from the site were placed in the nearby ravine as part of a plan to turn the overgrown ravine area into usable park space. A number of staff members attended the state WI Water Association annual meeting in Madison.

BOARD OF WATER COMMISSIONERS

Gerald R. Van De Kreeke, President

Thomas E. Howe, Secretary

Richard Dale, Member

Attachments - Balance Sheet
Income Statement
Distribution System Quarterly Report
High Lift Delivery Operations Quarterly Report



Sheboygan Water Utility
Quarterly Financial Statement September 30, 2022
Balance Sheet Including Net Income

| <u>Account #</u> | <u>Debit Balance</u> | <u>Credit Balance</u> |
|----------------------------------------------------------------|----------------------|-----------------------|
| Utility Plant in Service | 74,741,319 | |
| 107 Construction Work in Progress | 8,325,882 | |
| 111 Accumulated Provision for Depreciation of Utility Plant | | 27,585,887 |
| 125 Bond Redemption Fund | 644,320 | |
| 129 Appropriated Funds Invested for Plant Expansion & Payables | 6,617,469 | |
| 126 Depreciation Fund | | |
| 128 Other Special Funds - Net Pension Asset | 769,762 | |
| 128 Other Special Funds - Health Ins | 380,000 | |
| 130 Other Special Funds - Deferred Outflow Pension | 1,402,233 | |
| 135 Working Funds | 750 | |
| 136 Temporary Cash Investments | 7,195,887 | |
| 142 Customer Accounts Receivable | 1,610,822 | |
| 143 Grant Receivable & Other Accounts Receivable | 39,888 | |
| 145 Receivables from Municipality | 257,829 | |
| 154 Materials and Supplies | 264,024 | |
| 163 Stores Expense | | |
| 165 Prepayments | 28,630 | |
| 171 Interest and Dividends Receivable | | |
| 181 Misc Deferred Debits | | |
| 184 Transportation Expense | | |
| 200 Capital Paid in by Municipality | | 1,640,701 |
| 216 Unappropriated Earned Surplus | | 46,827,026 |
| 221 Long Term Debt Bonds | | 11,111,851 |
| 223 Advances from Municipality | | 114,823 |
| 232 Accounts Payable | | |
| 235 Customer Deposits | 910 | |
| 236 Taxes Accrued | | 898,119 |
| 237 Interest Payable on Bonds | | 119,458 |
| 242 Misc. Current & Accrued Liab | | 13,144 |
| 251 Bond Premium | | 174,461 |
| 253 Misc Deferred Credits | | 31,371 |
| 263 Other Special Funds Employee Pensions | | 357,040 |
| 265 Accrued Employee Benefits | | 595,666 |
| 425 Amoritization of Pre 2003 Depreciation | | |
| 280 Net Pension Liability | | |
| 285 Deferred Inflow - Pension | | 1,752,555 |
| Utility Net Income | | 11,057,622 |
| | <u>102,279,724</u> | <u>102,279,724</u> |



Sheboygan Water Utility
Sheboygan, Wisconsin
Income Statement - September 30, 2022

| <u>Account #</u> | <u>Utility Operating Income</u> | 1-Jan-22 to 30-Sep-22 | 1-Jan-21 to 30-Sep-21 | Increase or (Decrease) |
|------------------|-----------------------------------|-----------------------------|-----------------------------|------------------------------|
| 400 | Sales Revenue | 7,416,595 | 6,867,702 | 548,893 |
| 474 | Other Water Revenue | 44,391 | 43,901 | 490 |
| | Total Operating Revenue | 7,460,986 | 6,911,603 | 549,383 |
| 401 | Operating Expenses | 3,026,418 | 2,656,205 | 370,213 |
| 402 | Maintenance Expenses | 631,951 | 722,160 | (90,209) |
| 403 | Depreciation Expenses | 1,194,090 | 1,187,408 | 6,682 |
| 402 | Taxes | 934,424 | 932,297 | 2,127 |
| | Total Operating Expenses | 5,786,883 | 5,498,068 | 288,815 |
| | Utility Operating Income | 1,674,104 | 1,413,535 | 260,568 |
| | <u>Other Income & Expense</u> | | | |
| 415 | Non-operating Grant Revenue | 79,832 | 34,485 | 45,347 |
| 416 | Non-operating Grant Expense | (79,832) | (15,000) | (64,832) |
| 419 | Interest Earned on Investments | 32,323 | 13,568 | 18,755 |
| 421 | Contributions | 9,553,128 | - | 9,553,128 |
| 425 | Misc Amortization | 18,850 | 18,850 | 0 |
| 427 | Bond Interest Expense | (227,601) | (246,322) | 18,721 |
| 428 | Other Expense | (17,086) | (475) | (16,611) |
| 429 | Bond Premium | 23,905 | 26,902 | (2,997) |
| | Net Income | 11,057,622 | 1,245,543 | 9,812,079 |



Distribution System -- 3rd Quarter - July, August, & September 2022

Street Valves and Hydrant Valves Installed (including water main projects and others)

| Location | Date Installed | Size ("), Jt | Installed By | Type |
|---------------------------------------------|----------------|--------------|--------------|----------|
| St. Clair Ave at N.13th St. | 7/5/2022 | 8" MJ | SWU | G (vert) |
| St. Clair Ave and N.13th St. (NE) | 7/6/2022 | 6" MJ | SWU | G (vert) |
| St. Clair Ave and N.12th St. ~40 North west | 7/12/2022 | 8" MJ | SWU | G (vert) |
| St. Clair Ave and N.12th St. (NW) | 7/12/2022 | 6" MJ | SWU | G (vert) |
| N.11th St. at St. Clair Ave | 8/17/2022 | 6" MJ | SWU | G (vert) |
| Cleveland Ave @ N.19th (Sout) | 9/20/2022 | 6" MJ | SWU | G (vert) |
| Cleveland Ave @ N.19th St. (East) | 9/20/2022 | 6" MJ | SWU | G (vert) |

Total Valves Installed = 7

Street Valves and Hydrant Valves Removed

| Location | Installed | Abandoned | Type |
|--------------------------------------------|------------|-----------|----------|
| St. Clair Ave. at N. 10th St. (W) | | 8/4/2022 | G (vert) |
| S. Business Dr. ~2750' S of Riverdale Ave. | | 8/31/2022 | G (vert) |
| Cleveland Ave. at N. 19th St. (E) | 6/30/1929 | 9/20/2022 | G |
| N. 19th St. at Cleveland Ave. (S) | 12/31/1927 | 9/20/2022 | |

Total Valves Removed = 4

Street Valves and Hydrant Valves Abandoned

| Location | Installed | Abandoned |
|-----------------------------------|-----------|-----------|
| St. Clair Ave. at N. 12th St. (W) | 2/5/1933 | 7/12/2022 |

Total Valves Abandoned = 1

Street Valves and Hydrant Valves Maintained

| Location | Maintained | Size | By |
|----------|------------|------|----|
|----------|------------|------|----|

Total Valves Maintained = 0

Hydrants Installed (including water main projects and others)

| Location | Installed | Tr Size | Valve | By |
|------------------------------------|-----------|---------|-------|-----|
| St. Clair Ave and N.13th St. (NE) | 7/6/2022 | 7' | y | SWU |
| St. Clair Ave. at N. 12th St. (NE) | 7/12/2022 | 7' | y | SWU |
| Cleveland Ave at N.19th St (S) | 9/20/2022 | 6'6" | n | SWU |

Total Hydrants Installed = 3

Hydrants Removed (including water main projects and others)

| Location | Installed | Removed | Hyd Valve? |
|------------------------------------|-----------|-----------|------------|
| St. Clair Ave. at N. 12th St. (NE) | 3/31/1936 | 7/12/2022 | n |
| St. Clair Ave. at N. 11th St. (NW) | | 8/17/2022 | n |
| N. 19th St. at Cleveland Ave. (SE) | | 9/20/2022 | n |

Total Hydrants Removed = 3

Hydrants Abandoned (including water main projects and others)

| Location | Installed | Abandoned | Tr Size | Hyd Valve? |
|----------|-----------|-----------|---------|------------|
|----------|-----------|-----------|---------|------------|

Total Hydrants Abandoned = 0

Hydrants Maintained/Moved (including water main projects and others)

| Location | Installed | Maintained |
|----------------------------------------------------|------------|------------|
| S. Business Drive ~2760' S of Riverdale Avenue (W) | 10/31/2016 | 8/31/2022 |

Total Hydrants Maintained/Moved = 1

Water Main Breaks

| Location | Date | Size |
|--------------------------------------------|-----------|------|
| Riverdale Ave at Moenning Rd. | 8/20/2022 | 12" |
| Lake Ct east of of second st | 9/12/2022 | 4" |
| South Taylor Dr - North of Weeden Creek Rd | 9/15/2022 | 16" |

Number of Water Main Breaks=3

SUMMARY

| | | |
|---------------------------------------------------|-------|------------|
| Number of feet of 4 inch water main installed | 0.0 | water main |
| Number of feet of 6 inch hydrant lead installed | 17.6 | |
| Number of feet of 6 inch water main installed | 14.6 | |
| Number of feet of 8 inch water main installed | 419.4 | |
| Number of feet of 12 inch water main installed | 0.0 | |
| Number of feet of 16 inch water main installed | 0.0 | |
| Number of feet of 20 inch water main installed | 0.0 | |
| Number of feet of 24 inch water main installed | 0.0 | |
| Number of feet of water main abandoned or removed | 450 | hydrants |
| Number of water main breaks repaired | 3 | |
| Number of hydrants installed | 3 | |
| Number of hydrants removed or abandoned | 3 | valves |
| Number of hydrants maintained or moved | 1 | |
| Number of street valves installed | 5 | |
| Number of hydrant valves installed | 2 | |
| Number of street valves removed or abandoned | 4 | |
| Number of hydrant valves removed or abandoned | 0 | |
| Number of valves maintained | 20 | |
| Number of water connections installed | 45 | |


WATER MAIN AND APPURTENANCES INSTALLATION -- 3rd Quarter - July, August, & September 2022

Water Main Projects (including installation or abandonment of more than 3' of pipe by utility or contractors)

| Location: 6" Water Main | Installed | New Valves | New Hyd. | New Hyd Valves | Aband. Valves | Aband. Hyd. | Remove Hyd. | Size " | Feet Installed | New Hyd Lead | Size Aband. | Feet. Aband. | Feet. Rem. | By |
|-----------------------------|-----------|------------|----------|----------------|---------------|-------------|-------------|--------|----------------|--------------|-------------|--------------|------------|-----|
| N.11th St. at St. Clair Ave | 8/17/2022 | 1 | 0 | 0 | 0 | 0 | 1 | 6 | 7.8 | 0 | 6" CIP | 7 | 0 | SWU |
| St. Clair Ave and N.12th St | 7/21/2022 | 0 | 0 | 0 | 0 | 0 | 0 | 6 | 6.8 | 0 | 6" CIP | 7 | 0 | SWU |
| Totals: | | 1 | 0 | 0 | 0 | 0 | 1 | | 14.6 | 0 | | 14 | 0 | |

| Location: 8" Water Main | Installed | New Valves | New Hyd. | New Hyd Valves | Aband. Valves | Aband. Hyd. | Remove Hyd. | Size " | Feet Installed | New Hyd Lead | Size Aband. | Feet. Aband. | Feet. Rem. | By |
|-------------------------------------------|-----------|------------|----------|----------------|---------------|-------------|-------------|--------|----------------|--------------|-------------|--------------|------------|-----|
| St. Clair Ave and N.12th St | 7/21/2022 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 31.6 | 0 | 6" CIP | 32 | 0 | SWU |
| St. Clair Ave and N.12th St (going west) | 7/12/2022 | 1 | 1 | 1 | 1 | 0 | 1 | 8 | 48 | 9.3 | 6" CIP | 48 | 0 | SWU |
| St. Clair Ave between N.13th to N.12th St | 7/11/2022 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 140 | 0 | 6" CIP | 140 | 0 | SWU |
| St. Clair Ave between N.13th to N.12th St | 7/7/2022 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 100 | 0 | 6" CIP | 100 | 0 | SWU |
| St. Clair Ave and N.13th St. (going East) | 7/6/2022 | 0 | 1 | 1 | 0 | 0 | 0 | 8 | 60 | 8.3 | 6" DIP | 60 | 0 | SWU |
| St. Clair Ave and N.13th St. | 7/5/2022 | 1 | 0 | 0 | 0 | 0 | 0 | 8 | 39.8 | 0 | 4" CIP | 56 | 0 | SWU |
| Totals: | | 2 | 2 | 2 | 1 | 0 | 1 | | 419.4 | 17.6 | | 436 | 0 | |

| HIGH LIFT DELIVERY | | QUARTERLY REPORT | | 2022 |
|-----------------------------------------|---------------------|------------------|-----------------|----------|
| I. FIRST QUARTER | | Jan - Feb - Mar | | |
| | | GALLONS | COST \$ | \$/MG |
| | 2021 | 1,055,591,000 | \$181,125.65 | \$171.59 |
| | 2022 | 1,079,805,000 | \$233,346.76 | \$216.10 |
| | Percent Difference | 2.29% | 28.83% | 25.94% |
| II. SECOND QUARTER | | Apr - May - Jun | | |
| | | GALLONS | COST \$ | \$/MG |
| | 2021 | 1,115,306,000 | \$168,613.25 | \$151.18 |
| | 2022 | 1,114,560,000 | \$220,553.73 | \$197.88 |
| | Percent Difference | -0.07% | 30.80% | 30.89% |
| III. THIRD QUARTER | | Jul - Aug - Sep | | |
| | | GALLONS | COST \$ | \$/MG |
| | 2021 | 1,275,383,000 | \$191,262.23 | \$149.96 |
| | 2022 | 1,253,674,000 | \$258,395.90 | \$206.11 |
| | Percent Difference | -1.70% | 35.10% | 37.44% |
| IV. FOURTH QUARTER | | Oct - Nov - Dec | | |
| | | GALLONS | COST \$ | \$/MG |
| | 2021 | 1,076,367,000 | \$179,773.03 | \$167.02 |
| | 2022 | 0 | \$0.00 | #DIV/0! |
| | Percent Difference | -100.00% | -100.00% | #DIV/0! |
| YEAR TO DATE : 2022 | | | | |
| | | GALLONS | COST \$ | \$/MG |
| ELECTRICITY CHEMICALS NATURAL GAS | 2021 | 4,522,647,000 | \$720,774.16 | \$159.37 |
| | 2022 | 3,448,039,000 | \$712,296.39 | \$206.58 |
| | Percent Difference | -23.76% | -1.18% | 29.62% |
| YEAR TO DATE : 2022 | | | | |
| SLUDGE DISPOSAL to WWTP | | GALLONS | COST \$ | |
| | 2021 | 4,225,349 | \$45,410.11 | |
| | 2022 | 3,191,190 | \$25,471.76 | |
| STORM WATER CHARGES | 2022 | NA | \$0.00 | |
| | | | | |
| HIGH LIFT SYSTEM DELIVERY : | | | | |
| | Maximum Pumpage Day | 17,388,000 | July 19, 2022 | |
| | Minimum Pumpage Day | 7,587,000 | January 1, 2022 | |

| | MG | \$ | \$/MG |
|------|---------------|--------------|----------|
| 2021 | 4,522,647,000 | \$720,774.16 | \$159.37 |
| 2022 | 3,448,039,000 | \$712,296.39 | \$206.58 |

NOTE: Monthly sludge disposal costs do not reflect the current actual monthly sludge discharge total to date.
 Filtrate discharges from Spring/Fall sludge disposal operations are included in treatment plant sludge disposal costs.
 Spring/Fall basin sludge/residual solids volumes and disposal costs are contract work.
 Sludge disposal costs are not included in \$/MG.



Date: October 10th, 2022
To: Joe Trueblood, Utility Superintendent
From: Dave McMillan, Distribution Supervisor
Subject: Engineering Services; South Taylor Drive

During the 2024 construction season, the County will be completing a WDOT sponsored project on South Taylor Drive from Erie Avenue to Union Avenue. Replacement of the 16" transmission main just north of Union Avenue would be beneficial to the Utility as it would provide:

- Strengthened redundancy to the new Aurora Hospital and UW- Green Bay campus.
- Elimination of some problematic transmission main which has failed in the past.
- No road reconstruction costs on the project.

Strand and Associates are the Engineering firm working on this project. They have submitted a proposal for engineering services which will add our water main replacement to the scope of the County/WDOT project. I recommend that we accept Strand's proposal as it is necessary to meet the formatting and timeline requirements for this project. Proposal is not to exceed \$16,000.