



BOARD OF WATERWORKS COMMISSIONERS AGENDA

September 18, 2023 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

MINUTES

2. Approve minutes of the August 21, 2023 Board meeting

REPORTS

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

ITEMS FOR DISCUSSION AND POSSIBLE ACTION

- [5.](#) Review 2024 proposed Utility budget and request approval of R.O. transmitting budget to Council
- [6.](#) Request approval for replacement of UV UPS unit
- [7.](#) Request approval for purchase of replacement caps for filters #3 and #4
- [8.](#) Request approval for intake diving inspection/cleaning

PERSONNEL

9. Review status of LSL/Billing incumbent and future plans

NEXT MEETING

10. Next meeting will take place on: October 16, 2023

ADJOURN

11. 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*



REPORT OF BILLING

AUGUST 2023

| | <u>2023</u> | <u>2022</u> | <u>Increase or (Decrease)</u> |
|----------------------------------|-------------------|-------------------|-----------------------------------|
| <u>Quarterly Metered*</u> | | | |
| (Dist III - south of Union Ave) | | | |
| Residential | 259,521.41 | 248,578.70 | 10,942.71 |
| Multi-Family | 28,394.57 | 28,204.97 | 189.60 |
| Commercial | 40,312.69 | 40,073.47 | 239.22 |
| Industrial | 20,241.60 | 22,381.50 | (2,139.90) |
| Public | <u>14,066.31</u> | <u>14,421.13</u> | <u>(354.82)</u> |
| Subtotal | 362,536.58 | 353,659.77 | 8,876.81 |
| Public Fire Protection | 70,103.08 | 70,247.92 | (144.84) |
| Monthly Metered | <u>447,323.62</u> | <u>434,137.09</u> | <u>13,186.53</u> |
| Sheboygan Net | 879,963.28 | 858,044.78 | 21,918.50 |
| Sheboygan Falls | 56,214.94 | 74,666.47 | (18,451.53) |
| Kohler | <u>36,845.77</u> | <u>41,250.05</u> | <u>(4,404.28)</u> |
| Total | 973,023.99 | 973,961.30 | (937.31) |

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

Total accumulative billing for 2023 is \$6,745,760.84. An increase of \$15,971.01 from 2022 accounted for as follows:

| | <u>2023-Total Year to Date</u> |
|-----------------|--------------------------------|
| Sheboygan | 65,217.24 |
| Sheboygan Falls | (39,320.74) |
| Kohler | <u>(9,925.49)</u> |
| | 15,971.01 |

Total bills mailed August, 2023: 6,721

| | | | |
|------------------|--------------|----------------|------------|
| Residential | 6,122 | Wholesale | 5 |
| Multi-Family | 91 | Multi-Family | 9 |
| Commercial | 333 | Commercial | 22 |
| Industrial | 45 | Industrial | 63 |
| Public | 27 | Public | 4 |
| Quarterly | 6,618 | Monthly | 103 |



RETURN ON RATE BASE

August 31, 2023

| | AUGUST 2023 | AUGUST 2022 |
|---|---------------------|---------------------|
| <u>Add 2 YR Average</u> | | |
| Utility Plant Balance | \$ 83,231,184 | \$ 72,343,620 |
| Materials and Supplies Inventory | \$ 278,690 | \$ 248,524 |
| <u>Less 2 YR Average</u> | | |
| Reserve for Depreciation | \$ 26,174,024 | \$ 24,734,707 |
| Customer Adv for Const | \$ 6,521,287 | \$ 4,776,564 |
| Average Rate Base | \$ 50,814,563 | \$ 43,080,873 |
| Net Operating Income YTD | \$ 1,057,632 | \$ 1,489,284 |
| Net Operating Income As a Percent of Average Net Rate Base | <u>2.08%</u> | <u>3.46%</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
August 31, 2023

| | |
|--|-----------------------------------|
| Ending balance on report for July 31, 2023 | <u>10,409,528.95</u> |
| Plus: Receipts | 479,194.32 |
| Misc Receipts | 9,136.67 |
| Direct Pay Receipts | 433,291.26 |
| LSL Repayment | 6,552.21 |
| Money Market/CDARs Investment Interest | 12,317.72 |
| Minus: | |
| Disbursements - vendors and payroll | (5,536,258.39) |
| Bank Service Fees | (377.50) |
| Health & Dental Claims/Adm Costs | (68,692.06) |
| NSF Checks & Customer Refunds | (4,728.26) |
| Invoice Cloud/Paymentech Deposit Fees | (7,926.01) |
| Reallocate Sewer/Garbage - payments | 576.84 |
| Reallocate Sewer/Garbage - monthly | (450.47) |
| Adjust WRS to Actual | (0.02) |
| AP Overpayment Refund in Transit | (2,705.00) |
| SDWL RWI Reimbursement | 4,747,279.63 |
| Automated Credit Card Payments | (3,515.85) |
| Postage | (6,294.76) |
| Utility Water Payments | (6,093.72) |
| Ending Balance August 31, 2023 | <u>\$ 10,460,835.56</u> |

| | |
|-------------------------------------|----------------------------------|
| Note: The above amount includes: | |
| Bond Reserve Fund | 612,359.69 |
| LSL Revolving Loan Fund | 280,573.18 |
| Money Market Investment | 1,017,439.37 |
| ARPA Money Market Restricted - RWI | 1,555,810.64 |
| 6 Month CD | 503,825.00 |
| 3 Month CD | 1,519,618.17 |
| 9 Month CD | 1,013,500.00 |
| Total | <u>\$ 6,503,126.05</u> |
| General Unrestricted Operating Cash | 3,957,709.51 |



STATEMENT OF NET POSITION
AUGUST 31, 2023 AND 2022

| <u>Assets and Other Debits Utility Plant</u> | <u>Year to Date 2023</u> | <u>Year to Date 2022</u> | <u>Liabilities and Other Credits</u> | <u>Year to Date 2023</u> | <u>Year to Date 2022</u> |
|---|-------------------------------------|-------------------------------------|---|-------------------------------------|-------------------------------------|
| | | | <u>Proprietary Capital</u> | | |
| Utility Plant | 100,277,851 | 82,058,633 | Capital Paid by Municipal | 1,640,701 | 1,640,701 |
| Depreciation- Utility Plant | 29,038,315 | 27,434,737 | Unapprop. Earned Surplus | 57,960,857 | 57,712,820 |
| Net Utility Plant | <u>\$ 71,239,536</u> | <u>\$ 54,623,896</u> | Total Proprietary Capital | <u>\$ 59,601,558</u> | <u>\$ 59,353,521</u> |
| | | | | | |
| <u>Other Property and Investments</u> | | | Bonds, Loans & Advances | 20,922,647 | 11,226,674 |
| Appropriated Funds | 1,836,384 | 8,061,932 | Total Long Term Debt | <u>\$ 20,922,647</u> | <u>\$ 11,226,674</u> |
| Bond Redemption Fund | 612,360 | 644,320 | | | |
| Net Pension Asset ¹ | 992,887 | 769,762 | | | |
| Deferred Outflow - Pension & OPEB ¹ | 2,025,204 | 1,402,233 | <u>Current & Accrued Liabilities</u> | | |
| Total Other Prop & Investment | <u>\$ 5,466,835</u> | <u>\$ 10,878,247</u> | Accounts Payable | 886 | - |
| | | | Accrued Liabilities | 1,453,949 | 907,278 |
| | | | Unearned Revenue ⁴ | 1,539,495 | - |
| | | | Total Current & Accrued Liab. | <u>\$ 2,994,330</u> | <u>\$ 907,278</u> |
| | | | | | |
| <u>Current and Accrued Assets</u> | | | <u>Deferred Credits</u> | | |
| Cash & Investments | 8,012,842 | 6,728,356 | Bond Premium | 144,328 | 177,200 |
| Accounts Receivable | 1,753,059 | 1,563,039 | Pre 2003 Depr on Contributed Assets | 8,332 | 33,466 |
| LSL Loan Receivable ³ | 146,405 | 238,466 | Other Deferred Credits | 0 | 0 |
| Grant Receivable - Restricted ² | 0 | 83,982 | | <u>\$ 152,660</u> | <u>\$ 210,666</u> |
| Materials & Supplies Inventory | 292,709 | 264,671 | | | |
| Prepaid Expenses | 18,150 | 24,609 | <u>Operating Reserves</u> | | |
| Total Current & Accrued Assets | <u>\$ 10,223,165</u> | <u>\$ 8,903,123</u> | Net Pension & OPEB Liability ¹ | 190,275 | 357,040 |
| | | | Deferred Inflow - Pension & OPEB ¹ | 2,402,200 | 1,752,555 |
| Total Assets and Debits | <u>\$ 86,929,535</u> | <u>\$ 74,405,266</u> | Accrued Vac & Sick Leave | 665,865 | 597,533 |
| | | | Total Operating Reserve | <u>\$ 3,258,340</u> | <u>\$ 2,707,128</u> |
| | | | | | |
| | | | Total Liab & Other Credits | <u>\$ 86,929,535</u> | <u>\$ 74,405,266</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 and Unearned Revenue include a total of \$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
AUGUST 31, 2023 AND 2022

| | 2023 | | 2022 | | Incr (Decr) | % Incr/Decr |
|-----------------------------------|-------------------|---------------------|-------------------|----------------------|-----------------------|--------------------|
| | MONTH | YTD | MONTH | YTD | YTD | YTD |
| Sales Revenue | \$ 980,114 | \$ 6,482,338 | \$ 984,932 | \$ 6,487,209 | \$ (4,870) | -0.08% |
| Other Water Revenue | \$ 7,248 | \$ 39,638 | \$ 5,281 | \$ 39,652 | \$ (14) | -0.04% |
| Total Operating Revenues | \$ 987,362 | \$ 6,521,976 | \$ 990,214 | \$ 6,526,861 | \$ (4,885) | -0.07% |
| Operating Expenses ¹ | 374,571 | 3,028,520 | 317,136 | 2,610,430 | 418,090 | 16.02% |
| Maintenance Expenses ² | 103,647 | 630,450 | 60,107 | 542,452 | 87,998 | 16.22% |
| Depreciation Expenses | 118,421 | 1,073,027 | 130,596 | 1,063,500 | 9,527 | 0.90% |
| Taxes ³ | 97,950 | 732,347 | 106,317 | 821,196 | (88,849) | -10.82% |
| Total Operating Expenses | \$ 694,589 | \$ 5,464,343 | \$ 614,154 | \$ 5,037,576 | \$ 426,767 | 8.47% |
| Utility Operating Income | \$ 292,773 | \$ 1,057,633 | \$ 376,060 | \$ 1,489,284 | \$ (431,651) | -28.98% |
| Other Income & Expense | | | | | | |
| Non-operating Grant Revenue | - | 151,358 | 11,750 | 75,732 | 75,625 | |
| Non-Operating Grant Expenses | - | (151,358) | (11,750) | (75,732) | (75,625) | |
| Bond Premium | 2,739 | 21,915 | 3,542 | 21,166 | 749 | |
| Interest Earned on Investments | 12,517 | 75,972 | 7,774 | 25,116 | 50,856 | |
| Contributions ⁴ | - | 3,489,446 | - | 9,553,128 | (6,063,682) | |
| Other Expense | - | - | (16,572) | (17,086) | 17,086 | |
| Misc Amortization | 2,094 | 16,756 | 2,094 | 16,756 | - | |
| Bond Interest Expense | (89,492) | (716,532) | (25,033) | (202,569) | (513,963) | |
| Change in Net Position | \$ 220,632 | \$ 3,945,189 | \$ 347,866 | \$ 10,885,795 | \$ (6,940,604) | |

¹ The increase in Operating Expense is due to an increase in chemical costs, water treatment filter study and salaries, distribution locating services, electricity and fuel costs, third party billing implementation, web hosting services, increase in workers comp and liability insurance premiums, credit card fees, and costs related to the 2023 rate study.

² The increase in Maintenance Expense is due to maintenance of pumping structures, treatment equipment, maintenance in upper garage area, and timing of hydrant maintenance.

³ The decrease in Tax Expense is due to a decrease in the City tax rates.

⁴ The Contributions in 2022 relate to American Rescue Plan Act funds contributed to SWU by the City of Sheboygan which was moved to Unearned Revenue at year end 2022.

The Contributions in 2023 are earned revenues as ARPA funds are spent.



APPROVAL OF VOUCHERS
August 31, 2023

| | |
|--------------------------------------|------------------------|
| <u>Total Of The General Vouchers</u> | <u>\$ 5,325,233.28</u> |
| <u>Gross Payroll</u> | <u>\$ 196,311.03</u> |
| <u>Net Payroll</u> | <u>\$ 119,472.32</u> |

BOARD OF WATER COMMISSIONERS

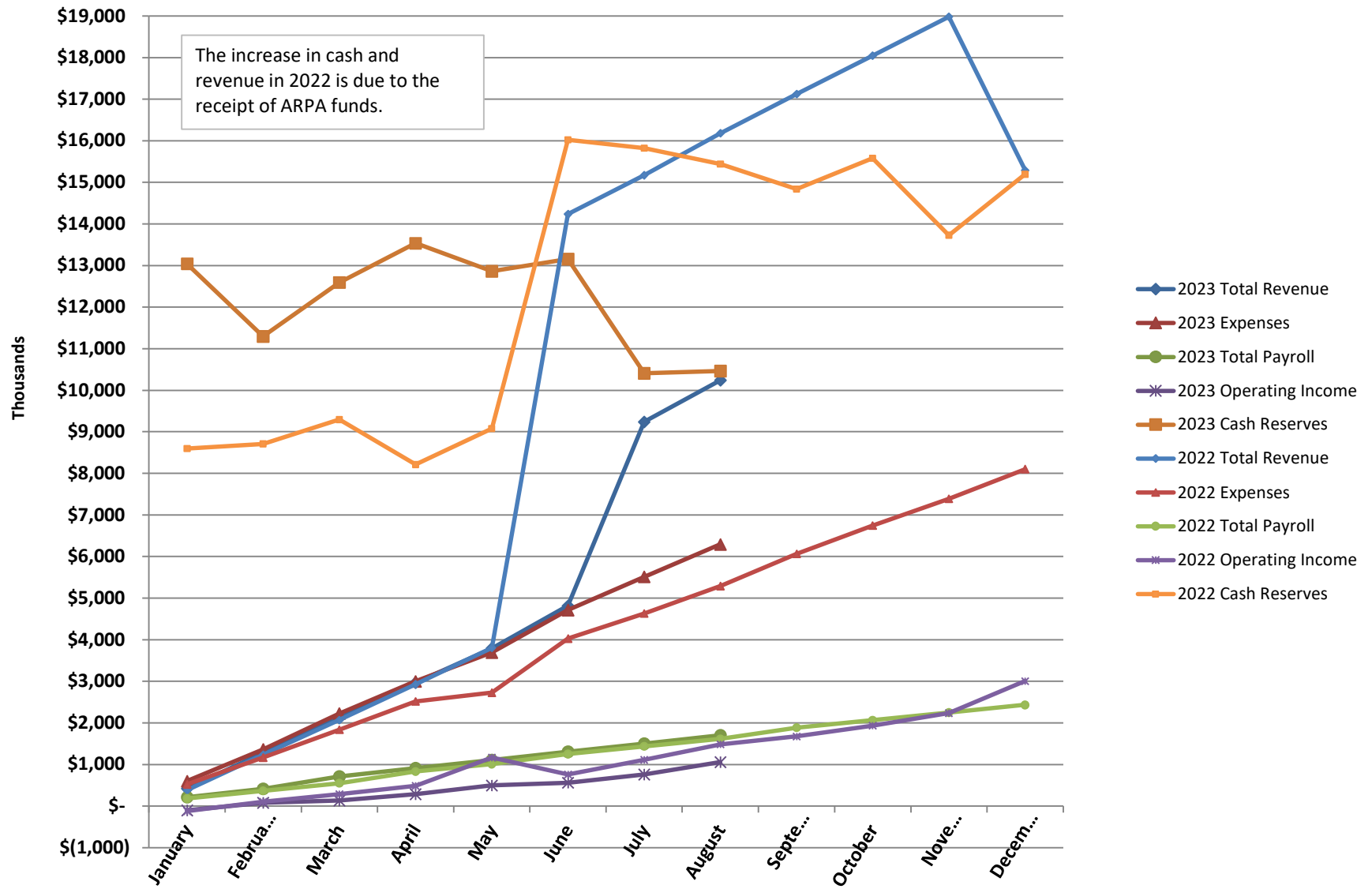
 PRESIDENT

 SECRETARY

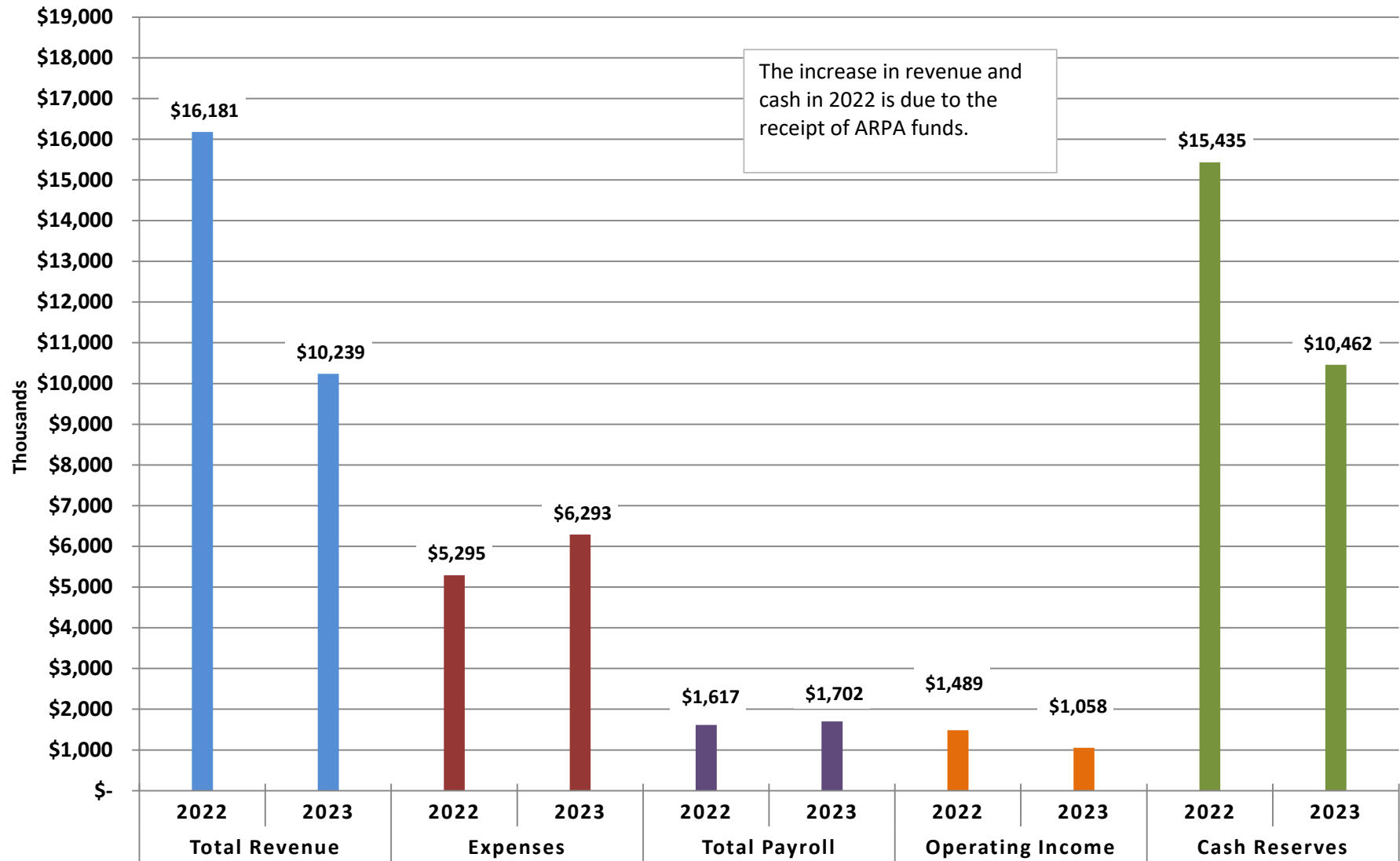
 MEMBER

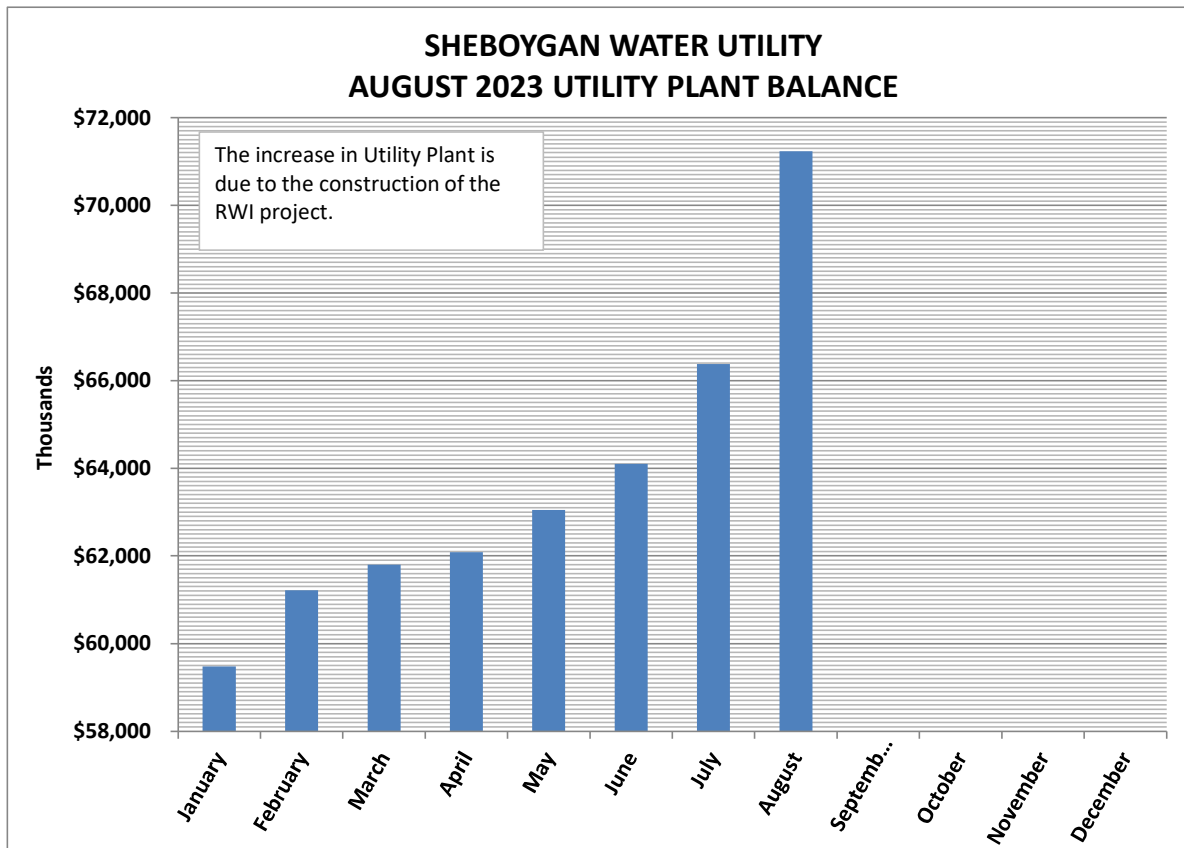
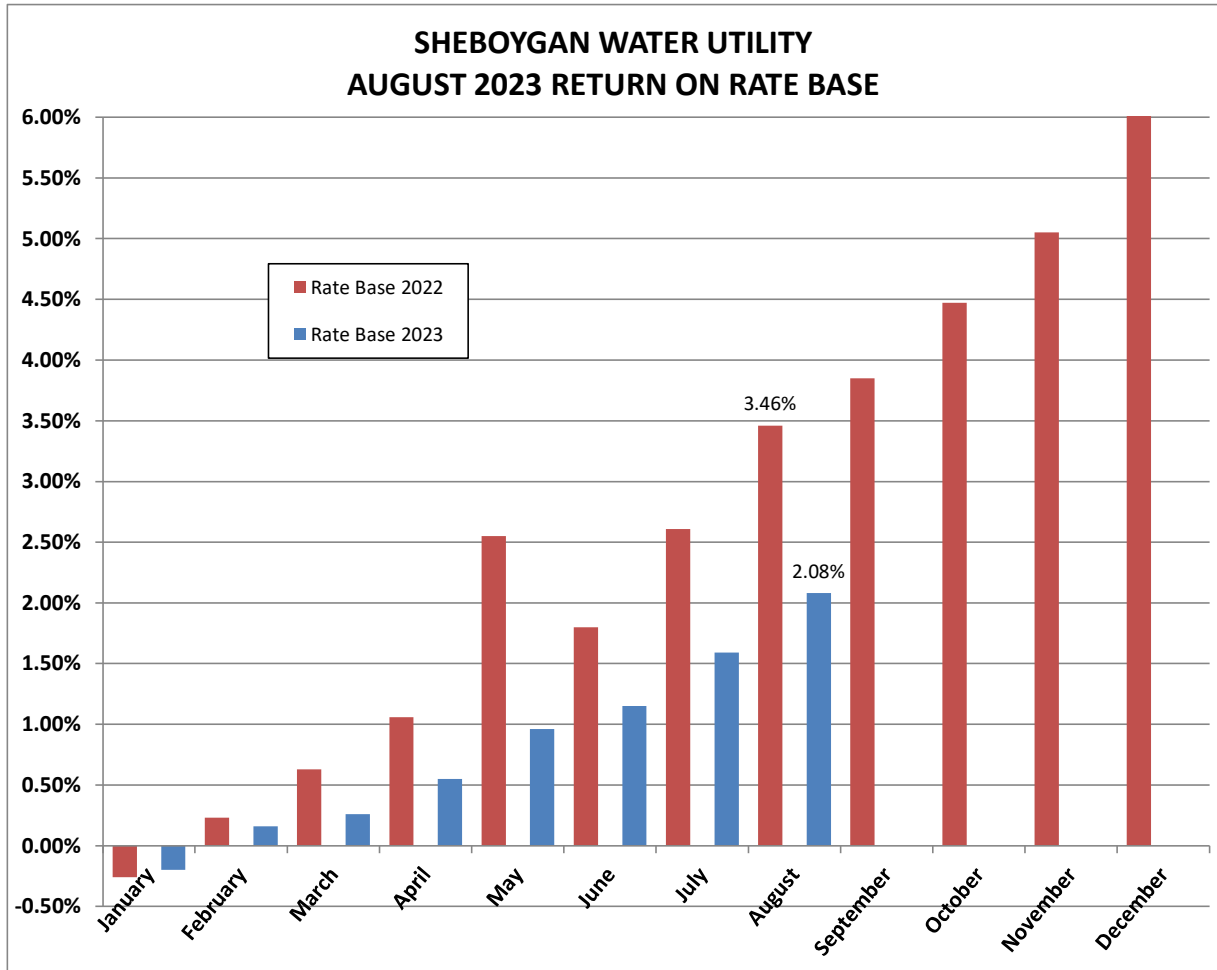
 SUPERINTENDENT

SHEBOYGAN WATER UTILITY AUGUST 2023 MONTHLY FINANCIAL TREND



SHEBOYGAN WATER UTILITY AUGUST 2023 YTD FINANCIAL POSITION





August 2023

| |
|---------------------------------------|
| OPERATIONS' DEPARTMENT MONTHLY REPORT |
|---------------------------------------|

| | | HIGH LIFT | | LOW LIFT | | 2023 VS 2022 |
|---|--|-----------------|-------------|--------------|-------------|----------------|
| PUMPAGE | | 2022 | 2023 | 2022 | 2023 | HL |
| Total in MG | | 438.453 | 430.818 | 448.768 | 442.555 | -1.74% |
| Daily Average (MG) | | 14.144 | 13.912 | 14.476 | 14.276 | |
| Max. Day (MG) | | 16.582 | 15.499 | 16.685 | 15.603 | 2023 VS 2021 |
| | | | | | | HL |
| Gal/KwH | | 1,146 | 1,186 | 4,769 | 5,055 | 6.18% |
| | | | | | | |
| ELECTRICAL COSTS | | | | | | |
| | | 2022 | | 2023 | | |
| A. Pumping: | | KwH | \$ | KwH | \$ | |
| High Lift | | 379,910 | \$28,484.87 | 358,248 | \$29,872.03 | |
| Low Lift | | 93,684 | \$7,024.23 | 86,234 | \$7,190.52 | |
| Wash Pump 1 | | 2,800 | \$209.94 | 2,100 | \$175.11 | |
| | | | | | | |
| Georgia St. Bstr. | | 65,700 | \$6,503.12 | 68,400 | \$7,146.87 | |
| Wilgus Ave. Bstr. | | 3,400 | \$456.94 | 3,400 | \$483.29 | |
| EE Pit / Bstr. | | 5,535 | \$712.45 | 5,683 | \$774.85 | |
| Erie Ave. Bstr. | | 16,000 | \$2,429.23 | 16,800 | \$2,718.93 | \$/KwH |
| Sub Total | | 567,029 | \$45,820.78 | 540,865 | \$48,361.59 | 10.7% |
| | | | | | | |
| B. Treat./Fiscal/Misc. | | KwH | \$ | KwH | \$ | |
| Office & Maint. Bldg. | | 11,658 | \$1,477.14 | 11,032 | \$1,490.49 | |
| Filter Plant / Pump Station / 2nd Service | | 49,206 | \$4,200.80 | 56,218 | \$5,218.74 | |
| | | | | | | |
| Sub Total | | 60,864 | \$5,677.94 | 67,250 | \$6,709.23 | \$/KwH 6.9% |
| | | | | | | |
| C. Distribution: | | KwH | \$ | KwH | \$ | |
| Taylor Hill Tank | | 456 | \$77.23 | 405 | \$73.95 | |
| Kohler Meter Pit | | 0 | \$0.00 | 0 | \$0.00 | |
| EE Tower | | 1,202 | \$172.51 | 1,168 | \$177.49 | |
| Washington (PRV) Pit | | 296 | \$59.83 | 297 | \$62.47 | |
| Sub Total | | 1,954 | \$309.57 | 1,870 | \$313.91 | \$/KwH |
| Total Electrical Costs | | 629,847 | \$51,808.29 | 609,985 | \$55,384.73 | 10.4% |
| Electrical Cost / MG | | \$118.16 | | \$128.42 | | |
| | | | | | | |
| | | 2022 | | 2023 | | |
| NATURAL GAS COSTS | | CCF Used | Cost | CCF Used | Cost | |
| Production Facility | | 148 | \$210.14 | 940 | \$505.92 | |
| South Basin | | 7 | \$156.08 | 4 | \$145.16 | |
| Georgia St. Bstr. | | 25 | \$38.97 | | | |
| Erie Ave. Bstr. | | 16 | \$49.75 | | | |
| Wilgus Ave. Bstr. | | 1 | \$18.85 | 1 | \$19.54 | |
| Office & Maint. Bldg. | | 388 | \$510.25 | 313 | \$188.91 | \$/CCF |
| Total Natural Gas Costs | | 585 | \$984.04 | 1,258 | \$859.53 | -59.4% |
| Natural Gas Cost / MG | | \$2.24 | | \$1.99 | | |
| | | | | | | |
| | | 2022 | | 2023 | | |
| CHEMICAL COSTS | | Lbs. Used | Cost | Lbs. Used | Cost | |
| Alum | | 50,042 | \$9,082.62 | 50,466 | \$10,168.90 | 11.0% |
| Carbon | | 0 | \$0.00 | 0 | \$0.00 | #DIV/0! |
| Chlorine | | 9,615 | \$14,230.20 | 9,832 | \$19,958.96 | 37.2% |
| Fluoride | | 2,462 | \$3,422.18 | 2,078 | \$4,200.68 | 45.4% |
| KMnO4 | | 281 | \$1,024.52 | 288 | \$1,051.20 | 0.1% |
| Cationic Polymer | | 635 | \$984.25 | 0 | \$0.00 | #DIV/0! |
| Liquid Phosphate | | 5,388 | \$8,502.26 | 5,250 | \$16,059.75 | 93.9% |
| Total Chemical Costs | | \$37,246.03 | | \$51,439.49 | | 38.1% |
| Chemical Cost / MG | | \$84.95 | | \$119.27 | | |
| | | | | | | |
| | | Grand Total | | \$107,683.75 | | 19.60% |
| | | Total Cost / MG | | \$249.68 | | 21.58% |

| | | | | |
|---|--------|-------------------------|--------|-----------------|
| YTD HL 2023 vs 2022 | -1.20% | YTD HL HIGH DAY PUMPAGE | 15.876 | June 21, 2023 |
| YTD HL 2023 vs 2021 | -0.88% | YTD HL LOW DAY PUMPAGE | 9.294 | January 1, 2023 |
| | | | | YTD HL Ave Day |
| NOTE: | | | | 2023 |
| 2023 Electrical costs include an Alliant Energy 8.3% rate increase approved by PSC. | | | | 2022 |
| | | | | 2021 |

COMPARATIVE SUMMARY OF PLANT OPERATIONS

August

vs

August 2023

Pumping Record

High Lift

Low Lift

| | 2022 | 2023 | Diff. | | 2022 | 2023 | Diff. |
|------------------|-----------|-----------|---------|------------------|---------|---------|---------|
| Tot. Water in MG | 438.453 | 430.818 | -1.74% | Tot. Water in MG | 448.768 | 442.555 | -1.38% |
| Daily Average | 14.144 | 13.912 | -1.64% | Daily Average | 14.476 | 14.276 | -1.38% |
| Maximum Day | 16.582 | 15.499 | -6.53% | Maximum Day | 16.685 | 15.603 | -6.48% |
| Minimum Day | 10.967 | 11.430 | 4.22% | Minimum Day | 11.361 | 11.976 | 5.41% |
| By Natural Gas | 3.037 | 6.228 | 105.07% | By Natural Gas | 1.968 | 6.613 | 236.03% |
| Power in KWH | 379,910 | 358,248 | -5.70% | Power in KWH | 93,684 | 86,234 | -7.95% |
| Gals. per KWH | 1,146 | 1,186 | 3.53% | Gals. per KWH | 4,769 | 5,055 | 6.00% |
| Power \$ / KWH | \$0.07498 | \$0.08338 | 11.21% | Power \$ / KWH | ---- | ---- | ---- |
| Power \$ / MG | \$64.97 | \$69.26 | \$4.29 | Power \$ / MG | \$15.65 | \$16.25 | \$0.60 |
| Tot. Power \$/MG | \$118.51 | \$128.79 | \$10.28 | Tot. Power \$/MG | ---- | ---- | ---- |

Treatment Chem.

Lbs. Used

Cost

| Total Lbs. | 2022 | 2023 | Diff. | Total Cost | 2022 | 2023 | Diff. |
|-------------------|--------|--------|----------|------------------|-------------|-------------|------------|
| Alum | 50,042 | 50,466 | 0.85% | Alum | \$9,082.62 | \$10,168.90 | \$1,086.28 |
| Carbon | | | #DIV/0! | Carbon | \$0.00 | \$0.00 | \$0.00 |
| Chlorine | 9,615 | 9,832 | 2.26% | Chlorine | \$14,230.20 | \$19,958.96 | \$5,728.76 |
| KMnO4 | 281 | 288 | 2.49% | KMnO4 | \$1,024.52 | \$1,051.20 | \$26.68 |
| Polymer | 635 | 0 | -100.00% | Polymer | \$984.25 | \$0.00 | (\$984.25) |
| Liquid Phosphate | 5,388 | 5,250 | -2.56% | Liquid Phosphate | \$8,502.26 | \$16,059.75 | \$7,557.49 |
| Lb/ MG: | | | | Cost / MG: | | | |
| Alum | 111.5 | 114.0 | 2.26% | Alum | \$20.24 | \$22.98 | \$2.74 |
| Carbon | 0.0 | 0.0 | #DIV/0! | Carbon | #DIV/0! | #DIV/0! | #DIV/0! |
| Chlorine | 21.4 | 22.2 | 3.69% | Chlorine | \$31.71 | \$45.10 | \$13.39 |
| KMnO4 | 0.6 | 0.7 | 3.93% | KMnO4 | \$2.28 | \$2.38 | \$0.09 |
| Liquid Phosphate | 12.0 | 11.9 | -1.19% | Liquid Phosphate | \$18.95 | \$36.29 | \$17.34 |
| Fluoride: | 2022 | 2023 | | Fluoride: | 2022 | 2023 | |
| Total Lbs. | 2,462 | 2,078 | -15.60% | Cost | \$3,422.18 | \$4,200.68 | \$778.50 |
| mg/l applied as F | 0.67 | 0.75 | | Cost/MG | \$7.82 | \$9.75 | \$1.93 |
| Av. Res. Plt. Tap | 0.70 | 0.75 | | | | | |

Water Quality:

Raw

TAP

| | 2022 | 2023 |
|------------------|-------|-------|
| Turbidity | 2.00 | 1.90 |
| pH | 8.23 | 8.30 |
| Alkalinity | 108.1 | 107.2 |
| MF (E-Coli) | 2.2 | 0.0 |
| Temperature | 56.9 | 60.0 |
| Wash-H2O % /LL | 2.24 | 1.99 |
| Av. Flt. Run/hrs | 99.3 | 93.7 |
| Av. ROF / MG | 1.48 | 1.52 |

| | 2022 | 2023 |
|-------------|-------|-------|
| Turbidity | 0.067 | 0.056 |
| pH | 7.69 | 7.67 |
| Alkalinity | 102.1 | 100.9 |
| Plate Count | 0.00 | 0.00 |
| Colilert | 0 | 0 |
| Temp. | 60.1 | 63.9 |
| Cl Res. | 0.90 | 0.95 |

Natural Gas:

| | 2022 | 2023 | | 2022 | 2023 | Diff. |
|------------------|-------|-------|---------------------|------------|-----------|--------------|
| Nat. Gas Heating | 1,252 | -325 | Plant & South Basin | \$1,213.18 | (\$32.18) | (\$1,245.36) |
| Nat. Gas Pumping | 690 | 1,270 | | \$585.99 | \$683.26 | \$97.27 |

| | CCF | Cost | Natural Gas Cost | Natural Gas CCF |
|-----------------------|---------------|-----------------|------------------|-----------------|
| #3 Gas Pump | 139.5 | \$75.08 | \$651.08 | 944 |
| #4 Gas Pump | 531.0 | \$285.79 | | |
| #7 Gas Pump | 295.0 | \$158.77 | | |
| Electric Generator | 304.0 | \$163.62 | | |
| Pumping totals | 1269.5 | \$683.26 | | |

August 2023

| | 9/1/2023 | 8/1/2023 | |
|----------------------|----------|----------|-------|
| Elapsed Time: | | | |
| No. 6 Pump | 74,268.4 | 73,631.6 | 636.8 |
| Wash Pump Meter | 5,824.82 | 5,798.84 | 25.98 |
| No. 7 Pump | 840.6 | 828.8 | 11.8 |
| No. 8 Pump | 59,540.3 | 59,540.3 | 0.0 |
| No. 9 Pump | 30,537.0 | 29,807.0 | 730.0 |
| Wash Pump 2 | 148 | 139 | 9 |
| No. 1 Prime Pump | 1,053.7 | 1,052.8 | 0.9 |
| No. 2 Prime Pump | 1,133.9 | 1,132.5 | 1.4 |

| | | | |
|--------------------------|------------|------------|---------|
| Watt Hour Meters: | | | |
| Wash Pump 1 | 1313.1 | 1310.1 | 2,100 |
| No. 9 Pump | 6165.22 | 6122.11 | 43,114 |
| No. 8 Pump | 6837.1 | 6837.1 | 0 |
| No. 6 Pump | 2350.2 | 2196.2 | 43,120 |
| Wash Pump 2 | 15.557 | 14.559 | 1,198 |
| No. 1 Pump | 9847.903 | 9776.959 | 70,944 |
| No. 2 Pump | 4937.507 | 4932.928 | 4,579 |
| No. 3 Pump | 897.299 | 853.451 | 43,848 |
| No. 4 Pump | | | 0 |
| No. 5 Pump | 12,410.227 | 12,171.350 | 238,877 |

| | | | |
|---------------------|----------|----------|-------|
| Garage (MWatt/Hrs.) | 1,104.17 | 1,102.91 | 1,260 |
|---------------------|----------|----------|-------|

| | | | |
|---------------------|--------|--------|---------|
| Power Co. (Step #3) | 41,943 | 41,523 | 504,000 |
|---------------------|--------|--------|---------|

Left Meter - OUTSIDE

Volume Used:

| | | | |
|--------------------|------------|------------|--------|
| Nat. Gas (Correct) | 46,075,936 | 45,999,606 | 95,947 |
|--------------------|------------|------------|--------|

Elapsed Time:

| | | | |
|-----------------|---------|---------|------|
| Emer. Generator | 1,122.7 | 1,107.5 | 15.2 |
|-----------------|---------|---------|------|

Elapsed Time:

| | | | |
|-----------------------|------------|------------|---------|
| No. 1 Pump | 18,261.3 | 18,130.1 | 131.3 |
| No. 2 Pump | 21,062.31 | 21,043.22 | 19.09 |
| No. 3 Elec. Pump | 3,076.1 | 2,914.1 | 162.0 |
| No. 3 Nat. Gas Pump | 591.0 | 586.5 | 4.5 |
| No. 4 Elec. Pump | 0.00 | 0.00 | 0.0 |
| No. 4 Nat. Gas Pump | 109.4 | 97.6 | 11.8 |
| No. 5. Pump | 25,950.290 | 25,445.450 | 504.840 |
| UV Building Generator | 151.8 | 150.2 | 1.6 |

| | 9/1/2023 | 8/1/2023 | |
|--|-----------|-----------|---------|
| SLUDGE No. 1 Hour Meter | 0.0 | 0.0 | 0 |
| SYSTEM No. 2 Mag Meter | 9,541,570 | 9,267,230 | 274,340 |
| Recycle Meter (Reset to zero each month) | | | 274,340 |

| | | | |
|--------------|-------------|-----------|-------------|
| Power Cost | \$0.0833837 | Bill >>>> | \$44,526.87 |
| | 0.359191667 | KWH >>> | 534,000 |
| Init. Chg. | \$42,025.36 | | |
| | \$ | KWH | |
| Kohler Pit | | | |
| Horizon | \$158.81 | 971 | |
| Taylor | \$73.95 | 405 | |
| ALT. 72 Park | \$431.03 | 1,200 | |
| Geo. Ave. | \$7,146.87 | 68,400 | |
| Wilgus Ave. | \$483.29 | 3,400 | |
| EE Pit | \$774.85 | 5,683 | |
| EE Tower | \$177.49 | 1,168 | |
| Washington | \$62.47 | 297 | |
| Office | \$1,490.49 | 11,032 | |
| Erie Ave. | \$2,718.93 | 16,800 | |
| Total | \$55,543.54 | 613,356 | |

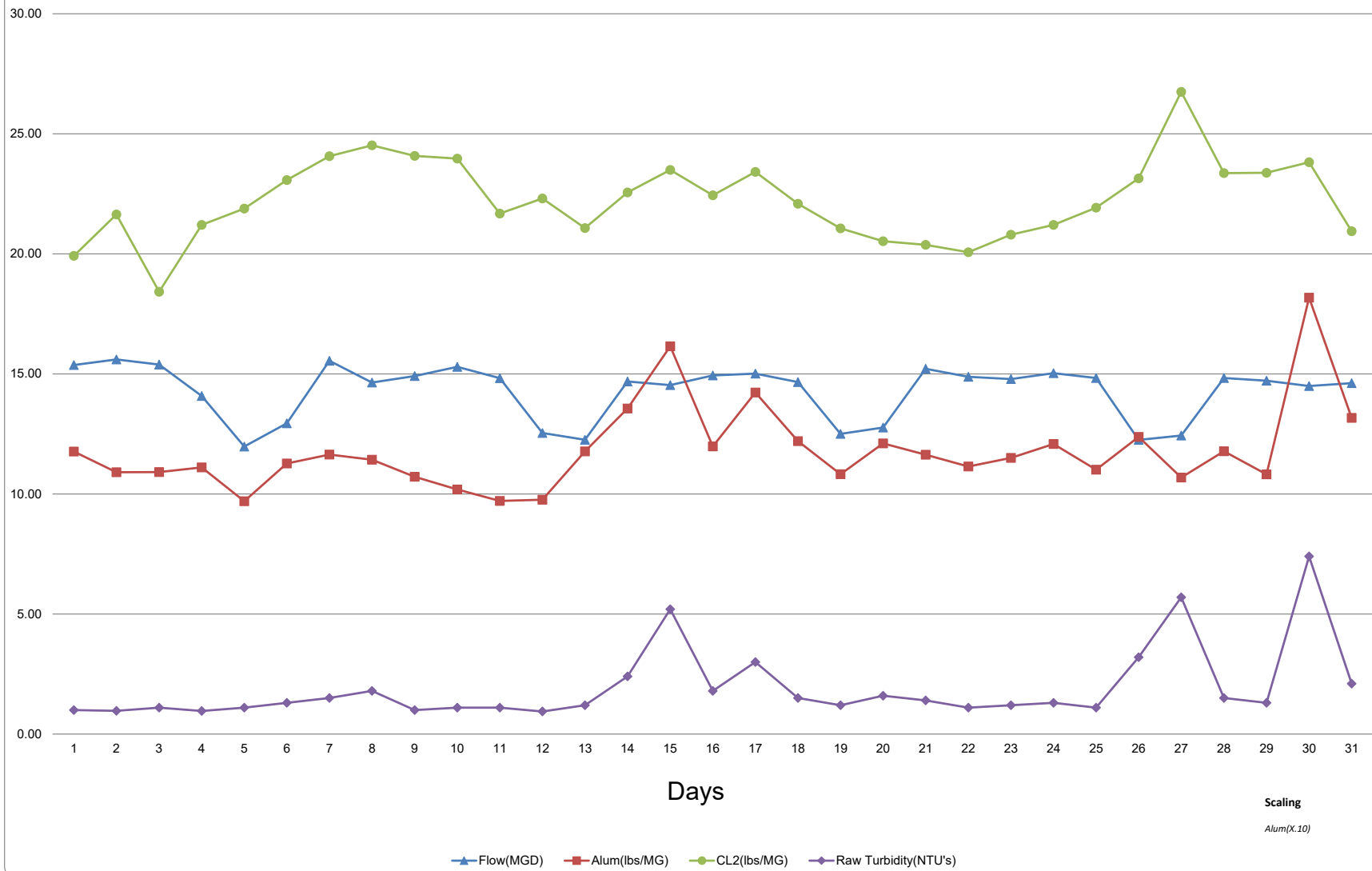
| | |
|--------------|-------------|
| Low L. KWH | 86,234 |
| L.L. Cost \$ | \$7,190.52 |
| High L. KWH | 358,248 |
| H.L. Cost \$ | \$29,872.03 |
| Total Cost | \$37,062.55 |
| Plant Costs | \$5,218.74 |

SUMMARY

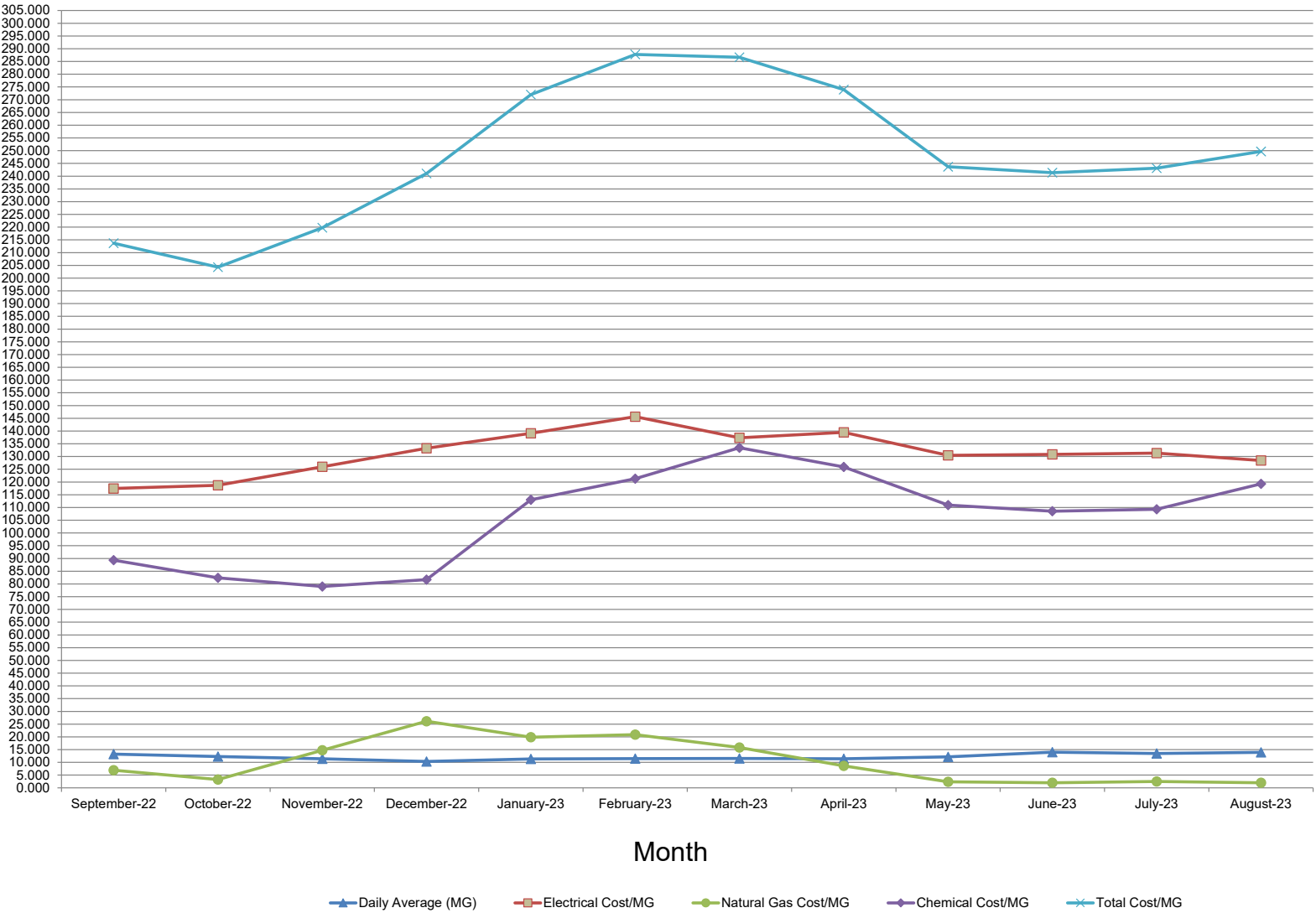
| | HIGH LIFT | | LOW LIFT | |
|--------------|-----------|-----------|----------|---------|
| | 2022 | 2023 | 2022 | 2023 |
| Tot. Pump | 438.453 | 431.287 | 448.768 | 442.555 |
| Daily Ave. | 14.144 | 13.912 | 14.476 | 14.276 |
| Max. Day | 16.582 | 15.499 | 16.685 | 15.603 |
| Min. Day | 10.967 | 11.430 | 11.361 | 11.976 |
| By Nat. Gas | 3.037 | 6.228 | 1.968 | 6.613 |
| Power KWH | 379,910 | 358,248 | 93,684 | 86,234 |
| Gals/KWH | 1146 | 1186 | 4769 | 5055 |
| Cost/KWH | \$0.07498 | \$0.08338 | ***** | ***** |
| Cost/MG | \$64.97 | \$69.26 | \$15.65 | \$16.25 |
| Tot. Cost/MG | \$118.51 | \$128.79 | ***** | ***** |

August 2023: Sheboygan Water Utility Plant Operations Summary

Item 4.



Plant Operations: Expense Report



Filter Plant Maintenance Completed For August 2023

| Subject | StartDate | EndDate | Description | |
|---|-----------|-----------|--|---|
| | | | | Yellow indicates days operating or running labs |
| Dan Covering Laboratory | 1-Aug-23 | 1-Aug-23 | Dan covering laboratory for Eric. | |
| Indiana Ave. Samples | 1-Aug-23 | | Collect Colilert samples for Indiana Ave. project. | |
| Dakota Supply Group | 1-Aug-23 | | Purchase seal tight connectors, 15 amp light switches, and tool storage items. | |
| Vendor Update | 1-Aug-23 | | Submit vendor and PO information for Servo Industry Company. | |
| South Basin Exhaust Fan | 1-Aug-23 | | Begin assembling new exhaust fan motors for south basin. | |
| South Basin Fan Motor | 1-Aug-23 | | Order new motor pulley after attempted removal; old pulley seized onto rotating shaft. | |
| Garbage | 2-Aug-23 | | Throw away plant and Georgia Ave. garbage. | |
| Georgia Ave. | 2-Aug-23 | | 1st coat of paint on motor room floor, bypass dusk/dawn sensor in front light assembly, and water grass. | |
| Indiana Ave. Samples | 2-Aug-23 | | Collect Colilert samples for Indiana Ave. project. | |
| Lead and Copper | 2-Aug-23 | | Collect lead and copper sample. | |
| Shipping Mill | 2-Aug-23 | | Deliver/ship lead and copper sample. | |
| Georgia Ave. | 2-Aug-23 | | Return with filled hypo reagents and place additional in cabinet. | |
| Indiana Ave., Erie, Wilgus, and Horizon | 2-Aug-23 | | Walk grounds, inspect reagents where applicable, and collect laboratory samples. | |
| Joshua off for Coverage | 3-Aug-23 | 4-Aug-23 | Joshua off for covering 1st shift. | |
| Dan covering lab operations | 3-Aug-23 | 3-Aug-23 | Collected distribution samples and ran daily lab work | |
| Dan Vacation | 4-Aug-23 | 4-Aug-23 | Dan on Vacation | |
| Josh 1st shift for Tyler | 7-Aug-23 | 10-Aug-23 | Josh covering 1st shift operations for Tyler | |
| garbage and cardboard | 7-Aug-23 | | Garbage and cardboard from plant | |
| south basin analyzers | 7-Aug-23 | | Cleaned and flushed south basin swan chlorine analyzers | |
| Cleaned east/west analyzers | 7-Aug-23 | | Cleaned east and west swan chlorine analyzers | |
| L.E.D light install rapid mix | 8-Aug-23 | | New L.E.D light fixture installed in old rapid mix area | |
| UV primary battery backup | 8-Aug-23 | | UV system 3 phase battery backup cabinet troubleshooting, work order placed with customer service | |
| Dakota supply group | 8-Aug-23 | | Dokota supply group for new L.E.D light fixture under warranty | |
| Plant maintenance excel sheet | 8-Aug-23 | | Sent filter plant maintenance completed excel sheet to supervisor | |
| Menards | 9-Aug-23 | | Float switch for sewage pump ordered and plant maintenance items | |
| Dakota supply group | 9-Aug-23 | | Dropped off L.E.D light and picked up maintenance items | |
| Georgia pump station paint | 9-Aug-23 | | Painted pump 3 and 2nd coat on floor | |
| Dropped off samples | 9-Aug-23 | | Dropped off samples at shipping mill | |
| cleaned up paint tools | 9-Aug-23 | | Cleaned up painting equipment maintenance shop | |
| Dan on vacation | 11-Aug-23 | 11-Aug-23 | Dan on vacation | |
| Shipping Mill | 14-Aug-23 | | Attempt to ship broken scanner at Shipping Mill and contact Ontech with labeling conflict. | |
| South Basin Exhaust | 14-Aug-23 | | Finish assembling new motors for ventilation system. | |
| Dan Covering Laboratory | 14-Aug-23 | 18-Aug-23 | Dan covering laboratory for Eric. | |
| Dr5000 | 14-Aug-23 | | Clean unit, install new bulb, and place in upstairs storage. | |
| Ortho Feed System | 14-Aug-23 | | Begin designing new feed, fill, and vent piping. | |
| Ortho Bulk Tanks | 14-Aug-23 | | Move two new orthophosphate bulk tanks into ortho feed room. | |
| South Basin Vent | 15-Aug-23 | | Begin installing new motor, belt, wiring, and switch on S.W. vent. | |
| South Basin Vent | 15-Aug-23 | | Replace belt on N.W. vent motor. | |
| Horizon Tower | 15-Aug-23 | | Collect sample, replace reagents, and re-stock reagent set. | |
| Taylor Hill | 15-Aug-23 | | Re-stock reagents. | |
| Taylor hill alarm | 16-Aug-23 | | Went to Taylor hill to check cold temp alarm, ordered new PLC thermostats | |
| Collected distribution samples | 16-Aug-23 | | Collected distribution samples | |
| Dakota supply | 16-Aug-23 | | Dakota supply for PLC thermostats | |

| | | | |
|---------------------------------|-----------|-----------|---|
| South Basin Ventilation | 16-Aug-23 | | Install new S.W. motor, switch, wiring, and belt. |
| South Basin | 16-Aug-23 | | Install new S.E. fan, switch, belt, and wiring. |
| UV Generator | 17-Aug-23 | | Replace block heater for outside UV generator assembly. |
| Filter Hall Floor | 18-Aug-23 | | Clean filter hall floor. |
| Front Foyer | 18-Aug-23 | | Vacuum and mop. |
| South Basin Bathroom | 18-Aug-23 | | Clean and mop south basin bathroom. |
| Wilgus Ave. | 18-Aug-23 | | Check grounds and run generator. |
| Dan 1st shift for Mark | 19-Aug-23 | 21-Aug-23 | Dan covering 1st shift operations for Mark |
| Dan off for coverage | 21-Aug-23 | 21-Aug-23 | Dan off for coverage |
| UV Hypo Meter | 21-Aug-23 | | Replace reagents |
| Joshua Operate | 21-Aug-23 | 23-Aug-23 | Joshua operating for Mark and Glen. |
| Dan on vacation | 23-Aug-23 | 23-Aug-23 | Dan on vacation |
| Gas Engines | 23-Aug-23 | | Run pump 4, 7, and generator for economic easing. |
| Dakota Supply Group | 24-Aug-23 | | Picked up tool storage kit and both temperature senders for Taylor Hill. |
| Plant Garbage | 24-Aug-23 | | Throw away plant garbage and recycling. |
| Factory Motor Parts | 24-Aug-23 | | Purchase two new belts for South Basin vent. |
| Taylor hill | 24-Aug-23 | | Light bulbs replaced in pipe vault |
| Erie Ave. | 24-Aug-23 | | Check and clear hypo meter alarm. |
| Georgia painting | 24-Aug-23 | | Georgia pump station painted trim area on floor |
| Taylor Hill | 24-Aug-23 | | Replace both building temperature sensors. |
| washed plant truck | 24-Aug-23 | | Washed plant truck |
| Filter #6 bypass lines | 25-Aug-23 | | Bypassed hydraulic lines on filter #6 |
| back up clear well sensor | 25-Aug-23 | | Installed new back up clear well sensor |
| Georgia painting | 25-Aug-23 | | Floor and trim painting at Georgia pump station |
| lab Tap cleaning | 25-Aug-23 | | Cleaned and flushed lab tap turbidity meter |
| Maintenance shop cleanup | 25-Aug-23 | | Cleaned up maintenance shop for clear well sensor project |
| Georgia pump station | 28-Aug-23 | | Cleanup at Georgia pump station from painting project |
| South basin bathroom door | 28-Aug-23 | | Fixed south basin bathroom door latch and cover plate |
| Maintenance Shop | 28-Aug-23 | | Clean shop, put tools away, and replace shop supplies. |
| UV reference check | 28-Aug-23 | | East reactor UV reference check |
| UVT analyzer desiccator | 28-Aug-23 | | Replaced UVT analyzer desiccator |
| Monday Meeting | 28-Aug-23 | | Topics include raw water improvement, coverage, SCADA upgrade, clear well sensor install, UV reference check, etc. |
| South basin Bathroom fan | 29-Aug-23 | | Repaired south basin heater |
| Joshua Operating 1st | 29-Aug-23 | 30-Aug-23 | Joshua covering 1st for Mark; 6:30-9:00. |
| Furnace Thermostat | 29-Aug-23 | | Install new thermostat on furnace by 10+11. |
| Run Furnaces | 29-Aug-23 | | Run plant furnaces to check operation. |
| Polished south bathroom rails | 29-Aug-23 | | Cleaned and polished south basin bathroom aluminum rails and put wax coating on. |
| Dakota Supply | 29-Aug-23 | | Order new bearings for bathroom heater and east floc motors. |
| Trillings | 29-Aug-23 | | Check for heater bearings. |
| South Basin Heater | 29-Aug-23 | | Remove and rebuild south basin heater. |
| South Basin | 30-Aug-23 | | Lubricate flocculator idlers and perform routine maintenance. |
| Best Buy | 30-Aug-23 | | Purchase new printer for operation office. |
| Dakota Supply Group | 30-Aug-23 | | Purchase new light for font entry. |
| Backwash Basin Valve | 30-Aug-23 | | Diagnose and repair 20. drain valve; fuses blown. |
| Joshua on Vacation | 31-Aug-23 | 4-Sep-23 | Joshua on vacation. |
| Permanganate system maintenance | 31-Aug-23 | | Removed and cleaned permanganate lines, fill tube and effluent valve in day tank room, system is operating normal again |



MONTHLY DISTRIBUTION DEPARTMENT REPORT

August 2023

Distribution System Maintenance:

- Valve replacements ahead of city resurfacing projects.
- Hydrant replacements ahead of city resurfacing projects.
- Coordination of saw cutting with contractor on Gateway Drive.
- Valve turning within the distribution system.
- Water shutdowns for customer fire services.
- Erosion control on storm water inlets on Gateway Drive.
- Concrete service hole restoration.
- Hauled out spoils, and hauled fill back in.

Water Quality:

- Monitored and adjusted autoflushers in the distribution system.
- Completed weekly dead end hydrant flushing.

Building/Grounds Maintenance:

- General shop maintenance and cleaning.
- Tree and brush removal at Utility Office.
- Weed removal at water reservoir sites.

Equipment Maintenance:

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

Engineering:

- Inspection work on Michigan Ave LSL project.
- Inspection work on N 15th and N 16th Street LSL project.
- Construction staking and cut sheets for Gateway Drive watermain job.
- GPS work for asset data collection for Indiana Avenue watermain project.
- Monthly map and database updates.



Distribution System -- August 2023

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

| Location | Date Installed | Size ("), Jt | Installed By | Type |
|----------------------------------|----------------|--------------|--------------|----------|
| Columbus Ave. at N. 27th St. (W) | 8/8/2023 | 6" MJ | SWU | G (vert) |
| N. 15th St. at Huron Ave. (S) | 8/16/2023 | 6" MJ | SWU | G (vert) |

Total Valves Installed = 2

Street Valves and Hydrant Valves Removed

| Location | Installed | Abandoned | Type |
|----------------------------------|-----------|-----------|------|
| Columbus Ave. at N. 27th St. (W) | 10/1/1980 | 8/8/2023 | G |
| N. 15th St. at Huron Ave. (S) | | 8/16/2023 | |

Total Valves Removed = 2

Street Valves and Hydrant Valves Abandoned

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

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 |
|--|-----------|---------|-------|-----|
| Highland Terrace ~450' E. of c.l. N. 6th St. (S) | 8/9/2023 | 7' | n | SWU |
| Lincoln Ave. 385' W. of c.l. N. 13th St. (N) | 8/10/2023 | 6'6" | n | SWU |

Total Hydrants Installed = 2

Hydrants Removed (including water main projects and others)

| Location | Installed | Removed | Hyd Valve? |
|--|-----------|-----------|------------|
| Highland Terrace ~450' E. of c.l. N. 6th St. (S) | 7/4/1926 | 8/9/2023 | n |
| Lincoln Ave. 385' W. of c.l. N. 13th St. (N) | | 8/10/2023 | n |

Total Hydrants Removed = 2

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

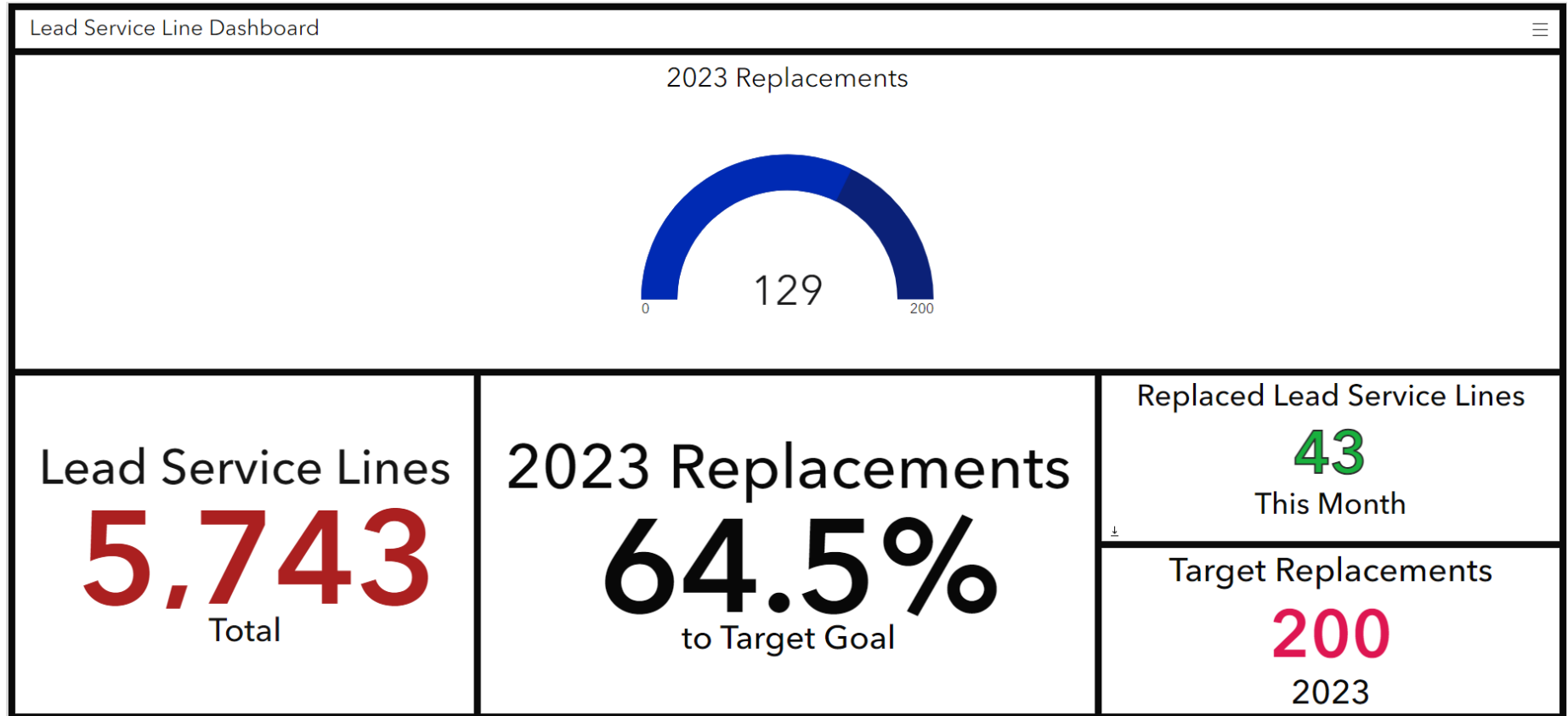
Water Main Breaks

| Location | Date | Size |
|----------|------|------|
|----------|------|------|

Number of Water Main Breaks= 0

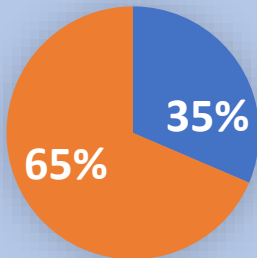
**SUMMARY**

| | | |
|---|-----|------------|
| 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 | 0.0 | |
| Number of water main breaks repaired | 0 | hydrants |
| Number of hydrants installed | 2 | |
| Number of hydrants removed or abandoned | 2 | |
| 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 | 177 | |
| Number of water connections installed | 1 | |

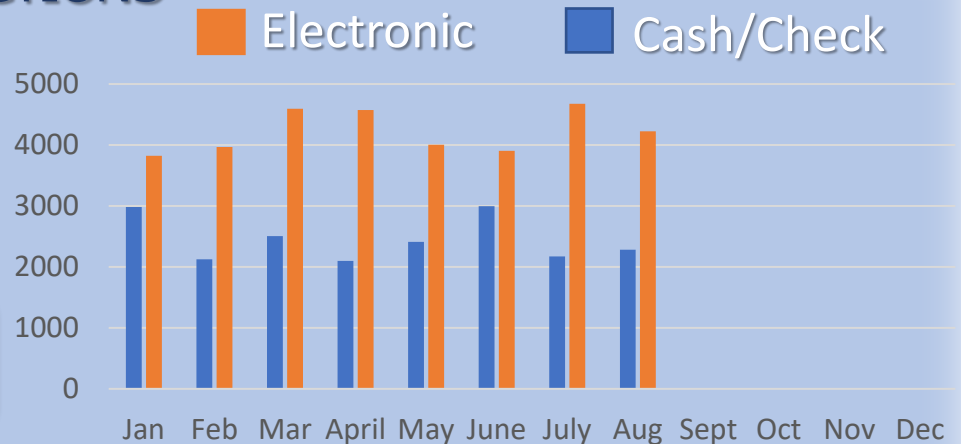


CUSTOMER RELATIONS & FISCAL SUMMARY

PAYMENT TRANSACTIONS



6,507
Total # of August
Payments Processed



COLLECTIONS

District 1

\$1,058,180

Total Billed

\$295,361

Outstanding
After Due Date

1,361

Past Due Letters Mailed

127

Disconnection
Letters Mailed

7

Properties Disconnected

\$76,087

Outstanding At
Month End

PAYMENTS BY SOURCE

| | August 2022 | August 2023 |
|--|-------------|-------------|
| Payment Window <small>(Cash/Check)</small> | 420 | 438 |
| Drop Box Payments | 214 | 153 |
| Electronic Payments | 3906 | 4225 |
| Mail Payments | 1787 | 1691 |
| Total Payments | 6327 | 6507 |

Payments Returned **23**

UTILITY BILLS

Mailed
5,109

Total Paperless
1,254

Total Emailed
Statements
3,339



**AUGUST
2023**

CUSTOMER RELATIONS & FISCAL SUMMARY

PROPERTY TRANSACTIONS

| | August 2022 | August 2023 |
|-----------------------------------|----------------|----------------|
| Account Transfers <i>(Finals)</i> | 232 | 202 |
| Property Data Requests | 92 | 91 |

PSC COMPLAINTS

0 PSC Complaint(s) Filed

ACCOUNTS PAYABLE

218 Invoice Items Paid

CUSTOMER SERVICE



212

Customer Service Email
Requests Completed



642

USS Calls Answered



36:52

USS Hours
On the Phone



104

Lead ST Calls Completed
(Incoming & Outgoing)



5:56

Lead ST Hours
On the Phone

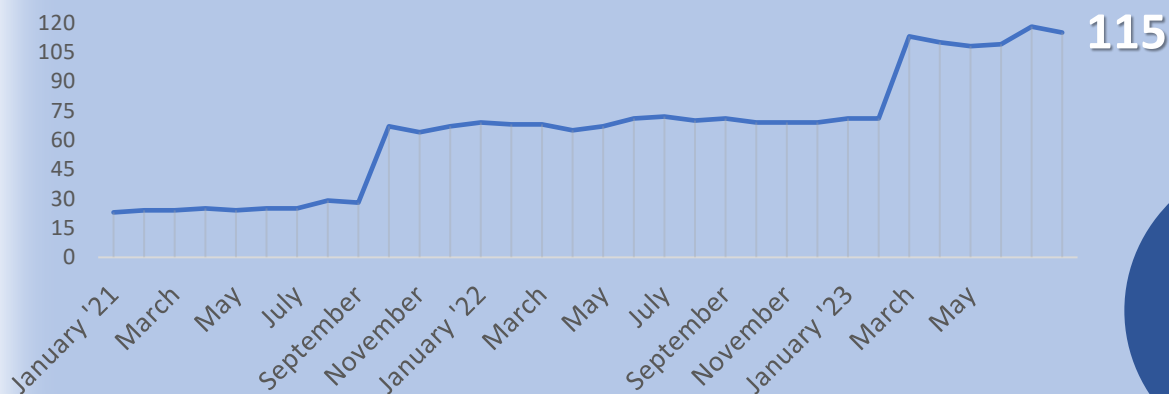
CUSTOMER ASSISTANCE PAYMENTS

Number of Payments Received: **1**

Total Dollars: **\$352.99**

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

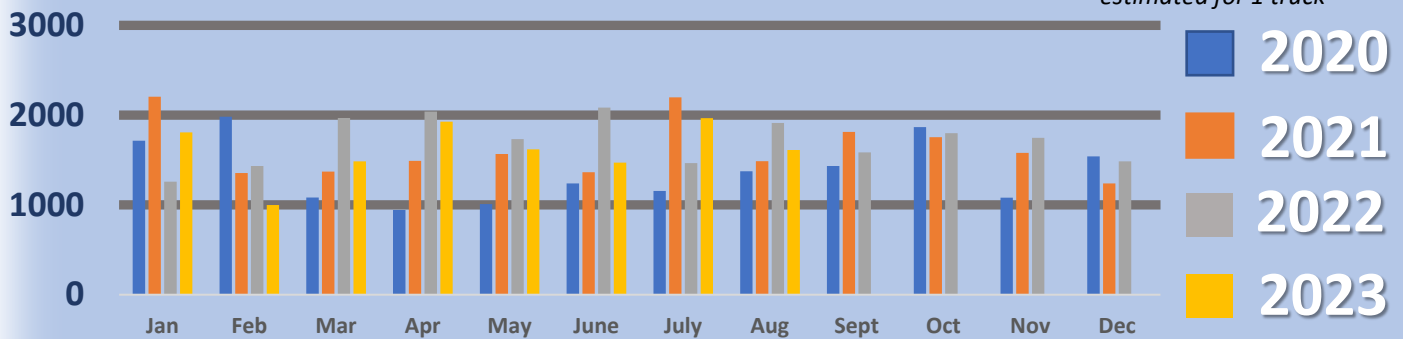
LEAD SERVICE LINE REPLACEMENT LOANS



**AUGUST
2023**

CUSTOMER RELATIONS & FISCAL SUMMARY

SERVICE TECH MILES DRIVEN



CROSS CONNECTION

75
0

Inspections by SWU

Inspections by Hydro Corp

2

Facilities with
Compliance Issues



LEAD EDUCATION

20

WDNR Lead in
Drinking Water
brochures distributed
at home visits

TROUBLESHOOTING WORK ORDERS COMPLETED

113

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

LEAK ALLOWANCES ISSUED

1

Customer Requests

44

CCF Allowed @ Reduced Rate



SERVICE LEAKS

1

New Reported Leak(s)

2

Leak(s) Fixed or Off

3

Active Leak(s) Month End

METERS

82

Meters

Installed/Replaced

70

Meters Tested



AUGUST
2023

CUSTOMER RELATIONS & FISCAL SUMMARY

FACEBOOK PAGE

932



Total Page Follows & Likes

WEBSITE VISITORS

4,047



2022 Visits in August: 3,584

Top Page Viewed: Pay Your Bill

ADDITIONAL CR/F ACTIVITIES AUGUST

- ◆ Service Techs (STs) continue their work replacing and testing water meters.
- ◆ USSs issued bills to District 3 and Monthly customers.
- ◆ OnTech was onsite for quarterly maintenance visit.

AUGUST
2023



Sheboygan Board of Water Commissioners
2024 Budget

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

Budget provides for annual investment of **\$24,887,318** in all phases of Water Utility operations.

Revenues

| | |
|---|-------------------------|
| Budgeted annual revenue total for 2024 | \$14,051,879 (1) |
| Estimated annual revenue total as of December 31, 2023 | \$13,033,820 |
| Projected revenues for 2024 expected to increase (decrease) | \$1,018,060 |

Expenditures

| | Estimated 2023 | Budget 2023 | Budget 2024 | Budget Increase (Decrease) | Percent Change | |
|--|---------------------|---------------------|-------------------------|-------------------------------|-------------------|-----|
| <u>Expenditure by Classification</u> | | | | | | |
| Labor | \$2,145,458 | \$2,146,440 | \$2,257,272 | \$110,833 | 5.2% | |
| Source of supply | \$14,000 | \$18,000 | \$18,000 | \$0 | 0.0% | |
| Pumping | \$546,404 | \$601,220 | \$611,920 | \$10,700 | 1.8% | |
| Water treatment | \$909,465 | \$927,521 | \$952,008 | \$24,488 | 2.6% | |
| Transmission & distribution | \$399,197 | \$459,300 | \$460,200 | \$900 | 0.2% | |
| Customer accounts | \$113,271 | \$77,150 | \$107,550 | \$30,400 | 39.4% | (2) |
| Administrative & general | \$2,700,443 | \$3,265,686 | \$3,378,400 | \$112,714 | 3.5% | |
| Taxes | \$1,316,220 | \$1,341,128 | \$1,516,643 | \$175,515 | 13.1% | (3) |
| Capital outlay | \$27,180,850 | \$30,169,500 | \$14,556,000 (4) | -\$15,613,500 | -51.8% | (4) |
| Interest on Safe Drinking Water Loans/ water revenue bonds | \$690,260 | \$690,260 | \$1,029,324 | \$339,064 | 49.1% | (5) |
| Totals | \$36,015,570 | \$39,696,204 | \$24,887,318 | -\$14,808,887 | -37.3% | |

- 1) Increase due to \$2.0M in directed spending grant, additional WDNR LSL grants, and estimated new water rates in effect 2/2024
- 2) Increase due to an increase in credit card processing fees, postage, and overall inflation
- 3) Increase due to additional PILOT payment to City of Sheboygan due to raw water improvements (RWI) project
- 4) Decrease due to less cost on RWI project in 2024 than in 2023
- 5) Increase due to new RWI Safe Drinking Water loan

Sheboygan's water rates remain among the lowest in the state for class AB utilities serving more than 5,000 customers. Ongoing rate increases will be needed to pay for debt service and PILOT on the raw water improvements (RWI) project. The Water Utility operates entirely on water revenues and does not receive any tax-based municipal funding.



CASH AND BUDGET SUMMARY
2024

| | Budget 2023 | Estimate 2023 | Budget 2024 |
|--|--------------------|--------------------|--------------------|
| REVENUES | | | |
| Cash Balance January 1 (including bond reserves) | \$9,319,431 | \$15,110,926 (1) | \$8,691,171 |
| Current Revenues | | | |
| Total sales of water | \$8,276,174 | \$8,456,163 | \$9,724,588 (3) |
| Other operating revenues (other sales) | \$2,061,777 | \$2,174,932 | \$2,501,679 (3) |
| Non-operating revenues (rent, interest) | \$127,483 | \$169,367 | \$134,000 |
| Non-operating revenues (WDNR LSL grants) | \$862,400 | \$151,358 (2) | \$1,365,613 |
| SWU LSL loan repayments | \$212,000 | \$82,000 | \$326,000 |
| Contributions in aid of construction | \$2,025,000 | \$2,000,000 (4) | \$0 |
| Total current revenues | \$13,564,834 | \$13,033,820 | \$14,051,879 |
| Total reserves available | \$22,884,265 | \$28,144,746 | \$22,743,050 |
| EXPENDITURES | | | |
| Operation & Maintenance | | | |
| Source of supply | \$19,500 | \$15,500 | \$20,000 |
| Pumping | \$870,132 | \$785,964 | \$868,895 |
| Water treatment | \$1,543,307 | \$1,475,165 | \$1,544,672 |
| Transmission & distribution maintenance | \$1,182,080 | \$1,144,136 | \$1,242,386 |
| Customer accounts | \$301,110 | \$322,725 | \$327,476 |
| Taxes | \$1,341,128 | \$1,316,220 | \$1,516,643 |
| Administrative & general | \$1,769,186 | \$1,592,961 | \$1,653,921 |
| Total operation & maintenance | \$7,026,444 | \$6,652,672 | \$7,173,994 |
| Other Expenditures | | | |
| Capital outlay (including RWI engineering and construction) | \$30,169,500 | \$27,180,850 (5) | \$14,556,000 |
| Safe Drinking Water Loan proceeds (for RWI) | -\$25,789,000 | -\$17,811,409 (6) | -\$12,685,940 |
| Water revenue bond proceeds | \$0 | \$0 | \$0 |
| Debt service (including principal and interest) | \$1,780,897 | \$1,939,674 | \$2,907,147 (7) |
| Non-operating grant - SWU LSL grants to customers | \$50,000 | \$536,175 (8) | \$100,000 |
| Non-operating - SWU LSL loans to customers | \$897,600 | \$804,255 | \$1,086,000 |
| Non-operating grant - WDNR LSL grants to customers | \$862,400 | \$151,358 (8) | \$942,000 |
| Total other expenditures | \$7,971,397 | \$12,800,903 | \$6,905,207 |
| Total expenditures | \$14,997,841 | \$19,453,575 | \$14,079,201 |
| Cash & Receivables Balance -December 31 (total reserves - total expenditures) | \$7,886,424 | \$8,691,171 | \$8,663,850 |

1) Cash reported is actual Jan 1, 2023. Higher due to delayed ARPA spend-down in 2022. \$9.5M ARPA funds allocated in 2022 and \$4.52M spent in 2022.

2) Decrease due to change in WDNR LSL grant program; anticipate grant reimbursement of some 2023 LSL costs in 2024

3) Increase due to estimated new water rates

4) Includes \$2.0M directed spending federal grant

5) Decrease due to RWI construction delays

6) Decrease due to RWI construction delays and use of ARPA grants earlier

7) Increase due to impact of entire RWI safe drinking water loan

8) WDNR LSL program in flux during 2023, causing increased SWU LSL grants and decreased WDNR LSL grants



STATEMENT OF ESTIMATED REVENUES
2024

| REVENUE SOURCE | Actual | Budget | Estimate | Budget |
|---|--------------|--------------|-----------------|-----------------|
| | 2022 | 2023 | 2023 | 2024 |
| Metered Sales to General Customers (approx. 4.8 billion gallons) | | | | |
| Residential | \$2,680,290 | \$2,723,869 | \$2,842,380 | \$3,268,738 |
| Multi-family | \$325,465 | \$355,641 | \$362,211 | \$416,543 |
| Commercial | \$625,216 | \$647,561 | \$608,445 | \$699,711 |
| Industrial | \$4,474,380 | \$4,549,103 | \$4,643,127 | \$5,339,596 |
| Totals | \$8,105,352 | \$8,276,174 | \$8,456,163 | \$9,724,588 (1) |
| Other Sales to Water Customers | | | | |
| Private fire protection | \$131,572 | \$81,056 | \$133,040 | \$152,996 |
| Public fire protection (% inc Falls & Kohler) | \$947,607 | \$937,400 | \$948,073 | \$1,090,284 |
| Sales to public authorities | \$133,714 | \$121,469 | \$114,107 | \$131,223 |
| Sales to Sheboygan Falls & Kohler | \$912,763 | \$864,370 | \$868,256 | \$998,495 |
| Totals | \$2,125,657 | \$2,004,294 | \$2,063,476 | \$2,372,997 (1) |
| Other Revenues | | | | |
| Late payment charges | \$123,240 | \$26,483 | \$94,506 | \$108,682 |
| Miscellaneous sales | \$14,698 | \$31,000 | \$16,950 | \$20,000 |
| Rental income from Georgia Ave | \$29,483 | \$29,483 | \$30,367 | \$31,000 |
| Billing & collecting charge to City | \$62,841 | \$60,000 | \$64,000 | \$65,000 |
| Non-operating revenues - SWU LSL revolving loan repayments | \$105,587 | \$212,000 | \$82,000 | \$326,000 |
| Grant revenues - WDNR LSL replacement | \$253,642 | \$862,400 | \$151,358 | \$1,365,613 (2) |
| (other billing & collecting costs accounted for by expense reduction) | | | | |
| Totals | \$589,491 | \$1,221,366 | \$439,181 | \$1,916,295 |
| Total Revenues | \$10,820,500 | \$11,501,834 | \$10,958,820 | \$14,013,879 |
| Other Income | | | | |
| Interest | \$52,032 | \$38,000 | \$75,000 | \$38,000 |
| Contributions in aid of construction | \$4,524,187 | \$2,025,000 | \$2,000,000 (3) | \$0 |
| Totals | \$4,576,219 | \$2,063,000 | \$2,075,000 | \$38,000 |
| REVENUES | Grand Totals | \$15,396,718 | \$13,564,834 | \$13,033,820 |
| | | | | \$14,051,879 |

1) Increase due to estimated new water rates
2) WDNR LSL grants anticipated for disadvantaged census tracts. Approx \$463,000 to reimburse costs in 2023.
3) \$2.0M federal directed spending grant



OPERATION AND MAINTENANCE EXPENSES
2024

| Source of Supply Expenses | Actual 2022 | Budget 2023 | Estimate 2023 | Budget 2024 |
|---------------------------------|----------------|----------------|------------------|----------------|
| <u>Operations</u> | | | | |
| Labor | \$0 | \$500 | \$500 | \$1,000 |
| <u>Maintenance</u> | | | | |
| Labor | \$0 | \$1,000 | \$1,000 | \$1,000 |
| Intakes | \$10,260 | \$18,000 | \$14,000 | \$18,000 |
| <u>Totals</u> | \$10,260 | \$19,500 | \$15,500 | \$20,000 |
| <u>Pumping Expenses</u> | | | | |
| <u>Operations</u> | | | | |
| Labor | \$86,534 | \$77,000 | \$70,000 | \$73,500 |
| Electricity & natural gas | \$500,650 | \$500,000 | \$477,756 | \$520,000 |
| Pumping equipment | \$0 | \$3,120 | \$0 | \$3,120 |
| Miscellaneous | \$29,627 | \$27,000 | \$19,841 | \$29,600 |
| Utilities | \$39,695 | \$45,100 | \$39,431 | \$45,100 |
| <u>Maintenance</u> | | | | |
| Labor | \$144,144 | \$191,912 | \$169,559 | \$183,475 |
| Pumping equipment | \$0 | \$20,000 | \$5,000 | \$5,000 |
| Structures | \$5,263 | \$6,000 | \$4,376 | \$9,100 |
| <u>Totals</u> | \$805,913 | \$870,132 | \$785,964 | \$868,895 |
| <u>Water Treatment Expenses</u> | | | | |
| <u>Operations</u> | | | | |
| Labor | \$547,476 | \$551,787 | \$503,489 | \$528,664 |
| Water treatment equipment | \$372,742 | \$390,000 (1) | \$381,846 | \$390,000 |
| Chemicals | \$370,578 | \$380,521 | \$476,931 | \$496,008 |
| Miscellaneous | \$2,981 | \$88,000 | \$2,000 | \$3,000 |
| Utilities | \$21,643 | \$25,000 | \$19,236 | \$25,000 |
| <u>Maintenance</u> | | | | |
| Labor | \$53,981 | \$64,000 | \$62,211 | \$64,000 |
| Water treatment equipment | \$23,871 | \$25,000 | \$27,562 | \$28,000 |
| Structures | \$8,788 | \$19,000 | \$1,889 | \$10,000 |
| <u>Totals</u> | \$1,402,061 | \$1,543,307 | \$1,475,165 | \$1,544,672 |

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



OPERATION AND MAINTENANCE EXPENSES
2024

| | Actual | Budget | Estimate | Budget |
|--|--------------------|--------------------|--------------------|------------------------|
| | 2022 | 2023 | 2023 | 2024 |
| Transmission & Distribution Expenses | | | | |
| <u>Operations</u> | | | | |
| Labor | \$313,097 | \$362,290 | \$341,107 | \$358,162 |
| Reservoirs & standpipes | \$1,434 | \$17,000 | \$26,213 | \$17,000 |
| Mains & hydrants | \$5,388 | \$30,000 | \$40,000 | \$30,000 |
| Meters | \$2,983 | \$23,600 | \$2,555 | \$12,000 |
| Customer services | \$115,118 | \$118,000 | \$115,000 | \$118,000 |
| Miscellaneous | \$41,629 | \$52,000 | \$26,525 | \$52,000 |
| Utilities | \$27,364 | \$25,700 | \$22,081 | \$25,700 |
| <u>Maintenance</u> | | | | |
| Labor | \$357,610 | \$360,491 | \$403,833 | \$424,024 |
| Structures & improvements | \$14,564 | \$8,500 | \$20,772 | \$21,000 |
| Reservoirs & standpipes | \$843 | \$20,000 | \$10,000 | \$15,000 |
| Mains | \$178,647 | \$125,000 | \$105,129 | \$125,000 |
| Meters | \$3,982 | \$4,500 | \$273 | \$4,500 |
| Hydrants | \$17,118 | \$30,000 | \$30,000 | \$35,000 (1) |
| Customer Services | \$992 | \$5,000 | \$649 | \$5,000 |
| <u>Totals</u> | \$1,080,767 | \$1,182,080 | \$1,144,136 | \$1,242,386 |
| <u>Customer Accounts Expenses</u> | | | | |
| <u>Operations</u> | | | | |
| Labor | \$171,848 | \$223,960 | \$209,454 | \$219,926 |
| Meter reading | \$13,718 | \$11,000 | \$21,503 | \$11,000 |
| Billing & collecting | \$61,168 | \$40,000 | \$61,600 | \$70,400 |
| Uncollectible accounts | \$3,229 | \$8,000 | \$8,000 | \$8,000 |
| Utilities | \$593 | \$650 | \$424 | \$650 |
| Postage | \$13,258 | \$17,500 | \$21,744 | \$17,500 |
| <u>Totals</u> | \$263,813 | \$301,110 | \$322,725 | \$327,476 |
| <u>Taxes</u> | | | | |
| Local & school (payment in lieu of taxes (PILOT) to City) | \$1,029,303 | \$1,206,128 | \$1,159,170 | \$1,355,268 |
| Payroll | \$144,765 | \$125,000 | \$147,050 | \$151,375 |
| P.S.C. remainder assessment (mandatory to state regulator) | \$9,456 | \$10,000 | \$10,000 | \$10,000 |
| <u>Totals</u> | \$1,183,523 | \$1,341,128 | \$1,316,220 | \$1,516,643 |
| <u>Interest Expense Long Term Debt</u> | | | | |
| Expense (bonds, SDWL, unfunded pension) | | | | |
| <u>Totals</u> | \$435,450 | \$690,260 | \$690,260 | \$1,029,324 (2) |

1) Includes \$20,000 for stripping and painting ~200 fire hydrants
2) Increase due to RWI SDWL



OPERATION AND MAINTENANCE EXPENSES
2024

| | Actual | Budget | Estimate | Budget |
|---|----------------------------|---------------------------|---------------------------|----------------------------|
| | 2022 | 2023 | 2023 | 2024 |
| <u>Administrative & General Expenses</u> | | | | |
| <u>Operations</u> | | | | |
| Labor | \$393,605 | \$313,500 | \$384,305 | \$403,521 |
| Office supplies | \$20,337 | \$18,000 | \$22,802 | \$23,000 |
| Utilities | \$3,179 | \$4,000 | \$2,520 | \$4,000 |
| Outside services & lawyers (cross connection, health ins. review) | \$91,490 | \$130,000 | \$119,933 | \$130,000 |
| Auditors (including rate case applications) | \$11,800 | \$15,000 | \$30,000 | \$30,000 |
| <u>Property Insurance</u> | | | | |
| Property and contractors' equipment | \$40,818 | \$38,000 | \$43,117 | \$44,000 |
| Auto | \$7,366 | \$7,000 | \$7,667 | \$8,000 |
| Crime | \$869 | \$1,000 | \$903 | \$1,000 |
| <u>Injuries & Damage Insurance</u> | | | | |
| Workmen's Comp | \$17,452 | \$31,200 | \$39,892 | \$39,305 |
| General liability, public officials, umbrella | \$29,464 | \$30,000 | \$30,000 | \$30,000 |
| <u>Other Expenses</u> | | | | |
| Health insurance (including dental, vision, prescriptions) | \$687,470 | \$863,586 | \$717,203 | \$745,195 (1) |
| Wisconsin Retirement System | \$110,784 | \$232,000 | \$102,000 | \$112,000 |
| Life insurance | \$5,771 | \$4,900 | \$4,617 | \$4,900 |
| Regulatory commission expense | \$1,143 | \$30,000 | \$30,000 | \$20,000 |
| Miscellaneous & administrative expense | \$45,449 | \$45,000 | \$45,000 | \$45,000 |
| Non-operating grant expense (WDNR LSL grants to customers) | \$253,642 | \$862,400 | \$151,358 | \$942,000 (2) |
| Lead service line (LSL) replacement (SWU grants to customers) | \$7,126 | \$50,000 | \$536,175 | \$100,000 |
| Lead service line (LSL) replacement (SWU loans to customers) | \$0 | \$897,600 | \$804,255 | \$1,086,000 |
| <u>Maintenance</u> | | | | |
| Office equipment maintenance | \$3,581 | \$1,000 | \$1,000 | \$2,000 |
| Office facilities maintenance | \$13,338 | \$5,000 | \$12,000 | \$12,000 |
| <u>Totals</u> | \$1,744,684 | \$3,579,186 | \$3,084,749 | \$3,781,921 |
| EXPENDITURES (NOT INCLUDING CAPITAL OUTLAY) | <u>Grand Totals</u> | <u>\$6,926,471</u> | <u>\$9,526,704</u> | <u>\$8,834,720</u> |
| | | | | <u>\$10,331,318</u> |

1) The Utility switched to a fully-insured health insurance plan in August 2022.
2) Lead service line (LSL) projects: Lincoln Ave, Barrett to 3rd; S. 11th, Union to Indiana; Swift Ave, 8th to 12th; Dillingham, 8th to 12th



CAPITAL OUTLAY
2024

| | Actual 2022 | Budget 2023 | Actual & Estimate 2023 | Budget 2024 |
|--|--------------------|--------------------|------------------------------|--------------------|
| <u>New Construction and Meters</u> | | | | |
| Distribution mains, hydrants, and related construction (not including LSL) | | | | |
| 2024 Taylor Drive: Union Ave to 400' north | | | | \$250,000 |
| 2024 Sheboygan River crossing near Garton toy site | | | | \$250,000 |
| 2024 Lincoln Ave: Barrett to N. 1st | | | | \$70,000 |
| 2024 S. 12th St: upsize if extended to proposed golf course | | | | \$80,000 |
| 2024 10 valves/10 hydrants replaced | | | | \$100,000 |
| 2024 excavation safety/shoring equipment upgrades | | | | \$12,000 |
| 2024 water meters (including for 20-year replacement program) | | | | \$250,000 |
| 2024 Orion radio transmitters (400 replacement units) | | | | \$82,000 |
| 2023 Distribution mains, hydrants, and related construction (not including LSL) | | \$1,100,000 | \$960,000 | |
| 2023 Meters (860) of all sizes (does not include bolts and gaskets, large meter testing) | | \$80,000 | \$80,000 | |
| 2023 Orion radio generators (500) for 1/2 & 5/8" meters | | \$80,000 | \$80,000 | |
| 2023 Replacement of 10 hydrants and 10 street valves | | \$100,000 | \$100,000 | |
| 2022 Distribution mains, hydrants, and related construction (not including LSL) | \$1,571,214 | | | |
| 2022 Meters (860) of all sizes, including bolts and gaskets, large meter testing | \$143,886 | | | |
| 2022 Orion radio generators (500) for 1/2 & 5/8" meters | \$65,336 | | | |
| 2022 Replacement of 10 hydrants and 10 street valves | \$48,305 | | | |
| Total new construction and meters | \$1,828,740 | \$1,360,000 | \$1,220,000 | \$1,094,000 |
| <u>Other capital outlay</u> | | | | |
| <u>Source of Supply</u> | | | | |
| 2024 RWI: intake pipeline, well, pump station - construction/engineeering | | | | \$12,400,000 |
| 2023 RWI: intake pipeline, well, pump station - construction/engineeering | | \$27,789,000 | \$25,340,350 | |
| 2022 RWI: intake pipeline, well, pump station - construction/engineeering | \$9,330,839 | | | |
| 2022 Retaining wall project | \$31,587 | | | |
| <u>Pumping</u> | | | | |
| 2022 Wash pump #1 - Switch gear and motor replacement | \$0 | | | |
| 2022 High lift vertical turbine pump | \$14,214 | | | |
| <u>Equipment</u> | | | | |
| 2024 filter actuator replacements (filters 7-11) | | | | \$50,000 |
| 2022 Wilgus Ave Pumpstation Generator Replacement | \$0 | | | |
| <u>Structures</u> | | | | |
| 2024 security camera upgrades at Taylor Hill, Erie and Georgia stations | | | | \$20,000 |
| 2024 water treatment plant tuckpointing | | | | \$15,000 |
| <u>Water Treatment</u> | | | | |
| <u>Equipment</u> | | | | |
| 2024 filter rehabilitation (IMS 200 caps and media for filters 3 and 4) | | | | \$300,000 |
| 2023 Sodium hypochlorite bulk tank replacement (inc piping and fittings) | | \$150,000 | \$0 | \$150,000 |
| 2023 Phosphate system upgrade (additional bulk tank) | | \$12,000 | \$12,000 | |
| 2023 Filter effluent actuator replacements (six) | | \$45,000 | \$45,000 | |
| 2023 UV battery backup upgrades | | \$10,000 | \$10,000 | |
| 2023 filter replacements/rehab (#6 and media/caps for 2 additional filters) | | \$650,000 | \$400,000 | |
| 2022 Chemical systems - phosphate level sensors | \$6,754 | | | |
| 2022 Filter #5 rehab | \$142,311 | | | |



CAPITAL OUTLAY
2024

| | | | | |
|--|--------------|--------------|--------------|--------------|
| <u>Heating Equipment</u> | | | | |
| 2022 Heating Upgrades(Add redundant heating in UV and chemical bulk areas) | \$12,880 | | | |
| <u>SCADA Equipment</u> | | | | |
| 2024 Erie Avenue PLC replacement | | | | \$50,000 |
| 2022 Software update and PC replacement | \$26,873 | | | |
| <u>Lab Equipment</u> | | | | |
| 2022 DR5000 spectrophotometer replacement | \$12,764 | | | |
| <u>Office Furniture & Equipment</u> | | | | |
| 2024 computer replacements | | | | \$14,000 |
| 2024 employee benefits web portal | | | | \$10,000 |
| 2024 asset management software (VUEWORKS integration w Casselle) | | | | \$25,000 |
| 2024 SQL server replacement | | | | \$28,000 |
| 2023 Computer replacements (4) | | \$8,500 | \$8,500 | |
| 2022 Neogov software | \$0 | | | |
| <u>Transportation Equipment</u> | | | | |
| 2024 #1 quad axle dump truck replacement | | | | \$300,000 |
| 2024 water treatment plant truck replacement | | | | \$40,000 |
| 2024 service tech truck replacement | | | | \$40,000 |
| 2023 Replacement of trucks (10 and 17) | | \$100,000 | \$100,000 | |
| 2023 Replacement of 2008 Utility passenger vehicle | | \$35,000 | \$35,000 | |
| 2022 #10 truck replacement (2010) to fuel efficient vehicle | \$0 | | | |
| <u>Power Operated Equipment</u> | | | | |
| <u>Engineering Department</u> | | | | |
| 2024 ESRI GIS licenses (10) and training | | | | \$10,000 |
| 2024 GPS surveying unit | | | | \$25,000 |
| 2024 asset management software software: Vueworks (continued in 2025) | | | | |
| 2023 ESRI GIS licenses and training | | \$10,000 | \$10,000 | |
| <u>Total other capital outlay</u> | \$9,578,223 | \$28,809,500 | \$25,960,850 | \$13,462,000 |
| <u>Total all capital expenditures</u> | \$11,406,963 | \$30,169,500 | \$27,180,850 | \$14,556,000 |

Date: 08/23/2023
(Effective until 09/22/2023)

Bret Quinnell,
Eaton Corporation
W126N7250 Flint Dr
Menomonee Falls, WI 53051
6084950197
Email: bretsquinnell@eaton.com

Prepared For:

Billing Contact: Bill Swearingen,
Billing Company: Sheboygan Water Utility
72 PARK AVE
Sheboygan, WI 53081
920-459-3812
Email: billswearingen@sheboyganwater.org

For Covered Equipment at Site:

Site Contact: Bill Swearingen,
Site Company: Sheboygan Water Utility
72 PARK AVE
Sheboygan, WI 53081
920-459-3812
Email: billswearingen@sheboyganwater.org

We are pleased to provide the following services proposal for your power quality equipment. Please refer to the Scopes of Work (SOW) for descriptions of service coverage and exclusions. Eaton Corporation terms and conditions (Eaton Corp. Service Agreement T-0 attachment) govern this proposal, and any purchase order submitted to Eaton pursuant thereto. Additional or different terms proposed by Buyer, whether in its purchase order or otherwise, shall not be binding upon Eaton Corporation and are hereby rejected unless expressly agreed to in writing by Eaton Corporation. Eaton Corporation cannot be held liable, and Buyer shall not be entitled to any damages and/or indemnifications, in case Eaton Corporation is prevented, hindered or delayed from or in performing any of its obligations resulting from the impact of the outbreak of COVID-19 for reasons not attributable to Eaton Corporation.

| Serial Number | New/Renewal | Model Description | Battery Type, Quantity |
|---------------|-------------|-------------------|------------------------|
| EJ406UXX01 | N | 93PM-60-100 | VRLA Sealed, 36 |

Quantity 1, Eaton 93PM-60-100, VRLA Sealed, 36

- Labor and parts to install the new power module and 2 fuses
 - 1 ea. UPM assembly, P/N 744-A4535 - \$15,943
 - 2 ea. FUSE, 200 A, 500 VAC/500 VDC - \$132
 - P-128000024
 - Labor (includes travel) to install - \$4,900
 - Weekday work

We anticipate that replacing UPM and fuses will restore the unit to full function. However, the existing corrosion may be indicative of some compromise to other components within the UPS, such that we cannot warrant that the present proposed repair will restore the UPS to like new condition.

We understand the difficulty of the situation and would like to extend discounted parts pricing in order to assist you with this repair.

There will be a 30 day warranty on the new UPM Assembly

Grand Total Price: \$20,975.00

- Non Contract Payment Terms: Net 30 days, Billing Cycle: Upon Completion
- Service quotes valued at less than \$5,000 may be subject to Eaton's prepayment requirement. Prepayment may be made via credit card, ACH transaction or a check mailed to Eaton prior to order acceptance. All credit card transactions with Eaton will incur a 3.5% service fee.
- Important Tax Notice: Tax is not included in the above purchase price. All orders will be subject to all applicable sales tax unless a current tax exemption certificate is on file covering the state shown in the ship-to address or service equipment location.
- To purchase (renew) your service contract, please sign and date below.
- Return all attachments with purchase order for **Eaton products** to:

- Eaton Corporation, 8609 Six Forks Road, Raleigh, NC 27615, Tel 800/843-9433, Fax 800/228-1899.
- Make Payments for Eaton products to: Eaton Corporation, 29085 Network Place, Chicago, IL 60673-1290

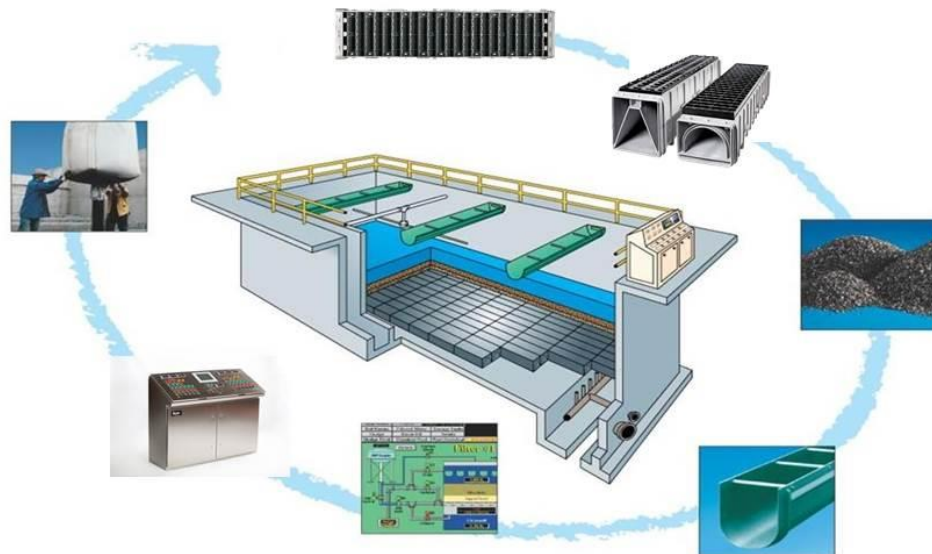
| Accepted By: | Name | Title | Date | Purchase Order Number |
|--------------|------|-------|------|-----------------------|
| Print Name: | | | | |



Proposal

Sheboygan WTP Filters 3 and 4

Sheboygan, WI



8/7/2023

Xylem Water Solutions USA, Inc.
108 Tomlinson Drive Suite 400
Zelienople, PA 16063
Mr. Bruce Wolfe
Mobile: 724-504-0366
Email: bruce.wolfe@xylem.com

8/7/2023

Project name : Sheboygan, WI – Filters #3 & #4
Project number : I23329

To Whom It May Concern:

Based on your inquiry, we are pleased to forward the following proposal to your attention. Thank you for the opportunity to offer our equipment and services for the Sheboygan, WI, WTP project.

We hope that our proposal meets your expectation. If you have any questions, please do not hesitate to contact me or our local representative.

Respectfully,

Bruce Wolfe
Territory Manager

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1 Technical Description

1.1 SCOPE OF SUPPLY

We are pleased to offer the following materials and services by Xylem Water Solutions USA, Inc. This quotation has been prepared using previous Leopold contracts L7-9074, L8-9960 and Leopold specifications.

I.M.S® 200 MEDIA RETAINER:

Under this section, we propose to furnish 372 full sections of I.M.S® 200 media retainer for two dual bay filters (4 cells). The scope includes molded thermoplastic I.M.S® 200 media retainer to be field cut as required and installed by the contractor onto the existing Leopold Universal® Type S® Underdrain block in two filters (4 cells). Included in this section are the required sealant and mounting screws for installation.

Leopold will provide **(8) spare I.M.S® 200 media retainers** for any retainers damaged during field cutting.

Filters #3 and #4 are 11'- 2 1/8" x 31' – 0 1/2" (1,388 total square feet)

NOTE: Field trimming of the IMS 200 caps is required to achieve a proper fit to the existing Type S underdrain blocks.

1.2 SERVICES

MANUFACTURER'S SERVICES:

The services of a qualified Leopold technical representative to instruct the Contractor's personnel about the proper installation technique of the I.M.S® 200 media retainer and flushing of the laterals (if required) will be provided for a period of (9) days (8 hr/day) on site plus (6) days travel time to and from the job-site in (3) trips.

2 Price & Scope of Supply

2.1 MAIN SCOPE

BASIS of PRICING:

Any items and/or accessories not specifically called out in this quotation must be construed as being furnished by others.

This quotation is considered firm for 60 days. Any order received more than 60 days after the date of this quotation is reviewed by Xylem Water Solutions USA, Inc. before acceptance and is subject to changes in prices or delivery depending on conditions existing at the time of entry. Quoted prices are firm for delivery within 12 months from the delivery date stipulated in the plans & specifications or mutually agreed upon by Xylem Water Solutions USA, Inc. and Purchase Order issuer at time of order placement.

We do not include any applicable taxes.

Orders resulting from this quotation should be addressed to Xylem Water Solutions USA, Inc.
108 Tomlinson Drive Suite 400 – Zelienople, PA 16063, USA.

We propose to furnish the material described in this document for **a total selling price of \$95,450.00**

Pricing for the equipment and field services outlined in this proposal, DAP Jobsite per Incoterms 2020.

For further information pertaining to the equipment contained in this proposal, please contact our area representative, who is:

Drydon Equipment, Inc.
3033 South 128th Street
New Berlin, WI 53151
Phone: 262-827-9201
Fax: 262-827-9203

Attention: Jeff Williamson

Pricing is based on the following payment terms (net 30 days):

90% following the date of the respective shipments of the product
10% following start-up, not to exceed 180 days after shipment of the product
(whichever comes first)

3 Commercial Terms & Conditions

3.1 DELIVERY SCHEDULE

3.1.1 Delivery time

Delivery 10 to 12 weeks.

FILTER MEDIA WARRANTY (if applicable): SELLER warrants that its filter media products will meet the standards established by the latest edition of AWWA (American Water Works Association) B100. SELLER shall be responsible for verifying that the filter media meets or exceeds the AWWA B100 Standard at the point of sale. Testing shall be by an independent laboratory, which regularly performs testing of filter media. BUYER shall notify Xylem Water Solutions USA, Inc. immediately upon discovery of any defective product. The SELLER shall have the right to inspect said product and BUYER shall, if requested, return the defective product to the SELLER with transportation prepaid. NO LIABILITY IS ASSUMED BY THE SELLER UNDER ANY CIRCUMSTANCES FOR LABOR, MATERIAL OR OTHER COSTS ASSOCIATED WITH THE REMOVAL OR REPLACEMENT OF MEDIA UNLESS PREVIOUSLY APPROVED IN WRITING BY AN AUTHORIZED EMPLOYEE OF THE SELLER.

3.2 TERMS AND CONDITIONS OF SALE – NORTH AMERICA

This order is subject to the Standard Terms and Conditions of Sale – Xylem Americas effective on the date the order is accepted. Terms are available at <http://www.xyleminc.com/en-us/Pages/terms-conditions-of-sale.aspx> and incorporated herein by reference and made a part of the agreement between parties.

Different terms are hereby rejected unless expressly assented to in writing.

AGREEMENT TO PURCHASE: BUYER agrees to purchase the equipment and services herein in accordance with the terms and conditions set forth above.

ACCEPTANCE: SELLER hereby accepts BUYER'S offer to purchase.

(BUYER)

Xylem Water Solutions USA, Inc.

BY: _____

_____, 20 _____

BY: _____

_____, 20 _____

Date: September 12, 2023
To: Joe Trueblood, Utility Superintendent
From: Bill Swearingen, Operations Supervisor
Subject: Annual Intake Cleaning and Inspection

The 30" and 36" intakes are cleaned and inspected annually.

I would like to recommend approval for the proposal submitted by Under Water Construction.
The attached proposal includes cleaning/inspection services and report for a lump sum price.

Intake Cleaning and Inspection Services..... \$10,270.00

BOARD OF WATER COMMISSIONERS APPROVAL REQUEST

September 18, 2023 Board Meeting

Annual Inspection & Cleaning of Water Intakes

| <u>COMPANY</u> | <u>QUOTE (Lump Sum)</u> |
|-------------------------------------|-------------------------|
| Underwater Construction Corp | \$10,270.00 |
| Northern Divers USA | \$29,575.00 |
| Midco Diving & Marine Services, Inc | No Bid |
| JF Brennan Company | \$28,920.00 |



| | | | | | |
|--|--|--|--|--|------------------|
| Page No: | 1 | UCC Proposal L-3279 | | Date: September 8, 2023 | |
| Prepared By: | (WI) Jerry Pena | Project Title: | | Dive Support-Inspect and Clean 36" & 30" Intake Cribs | |
| Submitted To: | Mr. Swearingen | Project Location: | | Sheboygan Water Filtration Plant - Lake Michigan Intakes | |
| Sheboygan Water Filtration Plant 72 Park Ave Sheboygan, WI 53081-2958 Bill Swearingen 920-459-3812 billswearingen@sheboyganwater.org | | Proposal Basis: | | *Budgetary Price Based on Rates Below | |
| | | Personnel: UCC would provide: | | Maximum # of divers in the water at a time: | |
| | | Four (4) Person Crew | | One (1) | |
| | | 1 Boat Captain 100 3 Lead Diver | | | |
| Services On or About | Fall 2023 | Work Hrs/Day | 10 | Days Per Week | 2 |
| Underwater Construction Corporation (UCC) appreciates the opportunity to offer this proposal to Sheboygan Water Filtration for the above-referenced project. UCC would assist Sheboygan Water Filtration with the annual intake crib cleaning on the 36" & 30" intake lines. UCC will perform a pre and post cleaning video inspection on nine (9) intake funnels for the 36" intake line and one (1) intake crib for the 30" intake line. UCC understands divers will not be required to enter the intake cribs for inspections or cleaning. UCC anticipates two (2), ten (10) hour weekdays, to safely and successful complete the project. | | UCC has assumed that Sheboygan Water Filtration or others will provide the following to support the previously stated services: <ul style="list-style-type: none"> • All permitting, as required. • Operational support and red tagging of equipment, as required. • Unrestricted access to the work area. • GPS coordinates of intake cribs. | | | |
| Equipment: | | | | | |
| 1 DOT Crew Cab 1 Ton Pickup Truck 1 28' Margaret-Mae Work Boat w/ 200 H.P. Engine (Michigan) 1 Shallow Water Dive Package 1 Dry Suit 1 3,500 Watt Generator 2 Double Diver Water Heater (Excludes Fuel) 1 3,500 - 4,500 PSI Gas-Powered Pressure Washer with 100' Hose 1 50' Length of Additional Hose 1 AED 1 Outland U/W Video System w/Audio Time/Date Console Display & 100 Meter Cable 1 Velocity Meter/Flow Meter | | | | | |
| No. | Description | | Rate | Qty. | Sub-Total |
| 1.01 | UCC's All-Inclusive Daily Rate for the first ten (10) hours worked each day, Monday-Friday is: | | \$ 4,360.00 | 2 | \$ 8,720.00 |
| 1.02 | UCC's Standby Day Rate that will apply for delays due to factors outside of UCC's control is: | | \$ 3,110.00 | | \$ - |
| 1.03 | UCC's All-Inclusive Round Trip Mobilization Rate (does not include onsite services) per occurrence is: | | \$ 1,070.00 | 1 | \$ 1,070.00 |
| 1.04 | UCC's Rate for report preparation is: | | \$ 480.00 | 1 | \$ 480.00 |
| 1.05 | | | \$ - | | \$ - |
| 1.06 | | | \$ - | | \$ - |
| 1.07 | | | \$ - | | \$ - |
| 1.08 | | | \$ - | | \$ - |
| 1.09 | | | \$ - | | \$ - |
| 1.10 | | | \$ - | | \$ - |
| *Materials and Consumables that are not included will be invoiced at cost plus: 10% | | | *TOTAL PRICE \$ 10,270.00 | | |
| *Third Party Services, Bonds and Equipment that are not included will be invoiced at cost plus: 10% | | | | | |
| *TAXES ARE NOT INCLUDED | | | *PRICING IS VALID FOR 60 DAYS | | |
| *ADDITIONAL TERMS AND CONDITIONS APPLY | | | | | |
| Signed: <i>Jerry Pena</i> Wisconsin / 5144 Douglas Ave. / Racine WI 53402 / www.uccdive.com P: (877) 717-3483 / F: (414) 988-1191 / C: (269) 921-9002 / jpena@uccdive.com | | | | | |
| The contents of this proposal and any attachments are confidential and are intended solely for the addressee. Any distribution, reproduction or dissemination is strictly prohibited. | | | | | |



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|----------------------|----------------------------|----------------------------|--|--------------------------|
| Page No: | T&C Page 1 of 2 | UCC Proposal L-3279 | Date: | September 8, 2023 |
| Prepared By: | (WI) Jerry Pena | Project Title: | Dive Support-Inspect and Clean 36" & 30" Intake Cribs | |
| Submitted To: | Mr. Swearingen | Project Location: | Sheboygan Water Filtration Plant - Lake Michigan Intakes | |

TERMS AND CONDITIONS

These terms and conditions are the primary overriding terms and conditions of services.

- 1** Except as expressly provided herein, UCC makes no other warranty or guarantee of any kind, express or implied, including any warranty of merchantability of products or for suitability of products selected or requested by others for the intended purpose.
- 2** Budgetary pricing has been based on the proposed man loading and assumed schedule. It is not to be construed, whether expressed or implied, as a firm-fixed price or a not-to-exceed value for a specific scope of services.
- 3** The Standby Day Rate will apply for delays due to factors outside of UCC's control that cause the extension of the project's operations beyond the terms included in our price.
- 4** All open shop services will be invoiced based on a minimum eight (8) hour day Monday through Friday at the straight time rate. Overtime hours are billable after eight (8) hours Monday through Friday and for all hours worked on Saturdays. Double-time will be invoiced for all hours worked on Sundays and Holidays as listed below.
- 5** All services will be invoiced based on a minimum eight (8) hour day Monday through Sunday and on Holidays at the applicable billing rate.
- 6** UCC-recognized company holidays are New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, and Christmas Day. Additionally, any customer holidays that differ from UCC's will be considered UCC holidays.
- 7** Emergent services, defined as services requested and response required within twenty-four hours, may be subject to premium time charges (i.e., shop time, travel time, site hours [minimum eight (8) hours] and travel expense).
- 8** Signed manifests for time and material services or signed delay sheets are considered a customer's formal acceptance of work performed. Signed manifests and delay sheets shall also be used for final invoicing by UCC.
- 9** UCC will have U/W video available; however, this equipment's effectiveness is limited by in-water visibility.
- 10** By accepting UCC's proposal with these terms and conditions attached, you are accepting UCC's terms and conditions as identified herein.
- 11** Starting time for services shall be mutually agreed upon in advance and is subject to the availability of UCC's personnel and equipment.
- 12** Unless otherwise stated in a previously established contract, services will not be provided until the customer signs and returns this quote, or issues a purchase order referencing this quote in its entirety.
- 13** If a project is canceled after UCC's personnel have been mobilized, travel and/or material charges will be applicable. Related charges will be invoiced in accordance with the existing service contract or as identified in the proposal.
- 14** UCC assumes that the flow rate will allow for safe diving. If at any time the current velocity exceeds two (2) feet per second, the UCC management and safety departments shall be contacted prior to diving. Diving operations will not resume until hazardous conditions have been made safe. UCC is not responsible for project delays due to hazardous conditions.
- 15** In accordance with all Federal and State OSHA Commercial Diving Rules and Regulations 1910, Subpart "T", 29 CFR 1910.425.3 and ADCI International Consensus Standards for Commercial Diving and Underwater Operations, if a site hazard analysis reveals unforeseen conditions or change in configurations (i.e. differential pressure, live pumps, flow thru open valves, gates or other energized operating components) additional personnel and or equipment may be required and the project cost would increase accordingly. Such conditions will be communicated in advance to the client.
- 16** UCC management and safety departments will solely determine whether conditions are conducive to safe diving operations per UCC's Safe Practices Manual to include extreme cold temperatures or excessive heat which will result in project delays and additional cost to the overall budget. Client is responsible for all weather delays.
- 17** UCC is liable for their employees; client is responsible for any individual, including himself, herself, or any invitee or other contractors around UCC's work site and our equipment.
- 18** Client is responsible for having permits in place, if required. If permits, bonding, or additional insurance are required to be supplied by UCC, additional costs would be invoiced as additional services.
- 19** Unless otherwise stated, UCC is not responsible for liquidated or consequential damages.
- 20** UCC understands that prevailing wages will not apply on this project; therefore, pricing is based upon compensating our personnel in accordance with our in-house wages.
- 21** UCC assumes that dual (multiple) classifications can be utilized daily for each employee on the project as required.
- 22** Per Diem will be billed at \$ 145/day/person including non-working weekend days while on assignment. In the event the per diem rate does not adequately cover hotel/motel costs and meal allowance due to regional or seasonal price fluctuations, UCC reserves the right to invoice for hotels/motels at cost plus 10%. When this billing is necessary, UCC will also invoice for daily meal allowance at \$ 50/day/person.

PLEASE SIGN THE LAST PAGE OF THESE TERMS AND CONDITIONS

In the event you do not have an established purchase order form or process, please provide billing address, sign, date, and return this proposal via fax to (860) 767-0612, or PDF via email to bbraley@uccdive.com.
By signing this proposal, this will constitute a mutual agreement and you are acknowledging acceptance of this proposal and its terms and conditions in its entirety.

AN EQUAL OPPORTUNITY EMPLOYER

The contents of this proposal and any attachments are confidential and are intended solely for the addressee. Any distribution, reproduction or dissemination is strictly prohibited.



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|---------------|-----------------|---------------------|--|-------------------|
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| Submitted To: | Mr. Swearingen | Project Location: | Sheboygan Water Filtration Plant - Lake Michigan Intakes | |

TERMS AND CONDITIONS

These terms and conditions are the primary overriding terms and conditions of services.

- 23 All-inclusive daily rates, if provided, will not be prorated for partial day services, unless expressly agreed to in advance.
- 24 All pricing, as offered, excludes any applicable sales and/or use tax. For any services performed outside the state of CT, UCC is not responsible for collecting of/or remittance of sales tax.
- 25 Invoices for services will be submitted monthly or upon completion and are payable in full within thirty (30) calendar days. Past due accounts are subject to 1.5% interest per month (18% per annum) on the unpaid balance as well as any costs and expenses including legal fees incurred by UCC to collect any amount due hereunder.
- 26 In the event an invoice is not paid within our terms, or within previously agreed upon terms, it is UCC's policy to file a lien following 60 days of delinquency.
- 27 UCC's proposal is valid for sixty (60) days from date of issuance unless otherwise noted.
- 28 The parties consent to jurisdiction in a Michigan state court for any action hereunder, and the parties waive a trial by jury in any action hereunder.
- 29 During the inspection process if extensive abnormalities are discovered and are deemed to be documented or additional revisions are requested within the comprehensive written report as directed by the client and or site representative UCC will invoice additional time required as necessary per the price schedule proposed herein. Such conditions will be communicated in advance to the client.
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- 44

Signed: _____

Date: _____

Billing Address: _____

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