

**\*\*\*ATTACHMENTS\*\*\***

## REPORT OF BILLING

### JUNE 2021

|                                  | <u>2021</u>       | <u>2020</u>       | <u>Increase or<br/>(Decrease)</u> |
|----------------------------------|-------------------|-------------------|-----------------------------------|
| <b><u>Quarterly Metered*</u></b> |                   |                   |                                   |
| (Dist I - north of Superior Ave) |                   |                   |                                   |
| Residential                      | 228,107.81        | 208,283.26        | 19,824.55                         |
| Multi-Family                     | 17,294.64         | 16,236.10         | 1,058.54                          |
| Commercial                       | 14,030.70         | 10,780.06         | 3,250.64                          |
| Industrial                       | 601.44            | 447.00            | 154.44                            |
| Public                           | <u>3,478.40</u>   | <u>2,621.93</u>   | <u>856.47</u>                     |
| <b>Subtotal</b>                  | <b>263,512.99</b> | <b>238,368.35</b> | <b>25,144.64</b>                  |
|                                  |                   |                   |                                   |
| Public Fire Protection           | 63,674.66         | 63,214.27         | 460.39                            |
| Flat Rate                        | 31,328.20         | 27,781.03         | 3,547.17                          |
| Monthly Metered                  | <u>338,162.57</u> | <u>259,244.20</u> | <u>78,918.37</u>                  |
| <b>Sheboygan Net</b>             | <b>696,678.42</b> | <b>588,607.85</b> | <b>108,070.57</b>                 |
|                                  |                   |                   |                                   |
| Sheboygan Falls                  | 73,423.25         | 46,185.36         | 27,237.89                         |
| Kohler                           | <u>36,685.15</u>  | <u>24,038.76</u>  | <u>12,646.39</u>                  |
| <b>Total</b>                     | <b>806,786.82</b> | <b>658,831.97</b> | <b>147,954.85</b>                 |

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

Total accumulative billing for 2021 is \$4,521,387.47. An increase of \$710,586.41 from 2020 accounted for as follows:

|                 | <u>2021-Total Year to Date</u> |
|-----------------|--------------------------------|
| Sheboygan       | 614,024.46                     |
| Sheboygan Falls | 62,354.28                      |
| Kohler          | <u>34,207.67</u>               |
|                 | 710,586.41                     |

Total bills mailed June, 2021: 7,043

|                  |              |                  |            |
|------------------|--------------|------------------|------------|
| Residential      | 6,320        | Multi-Family     | 6          |
| Multi-Family     | 88           | Commercial       | 21         |
| Commercial       | 211          | Industrial       | 65         |
| Industrial       | 6            | Public           | 9          |
| Public           | 34           | Fire Protection  | 283        |
| <b>Quarterly</b> | <b>6,659</b> | <b>Monthly</b>   | <b>101</b> |
|                  |              | <b>Flat Rate</b> | <b>283</b> |



**RETURN ON RATE BASE**

June 30, 2021

|   | <b>JUNE<br/>2021</b> | <b>JUNE<br/>2020</b> |
|---|----------------------|----------------------|
| <b><u>Add 2 YR Average</u></b>  |                      |                      |
| Utility Plant Balance   | \$ 67,571,329        | \$ 64,849,832        |
| Materials and Supplies Inventory                                      | \$ 305,365           | \$ 316,436           |
| <b><u>Less 2 YR Average</u></b>                                       |                      |                      |
| Reserve for Depreciation  | \$ 22,961,433        | \$ 21,445,756        |
| Customer Adv for Const  | \$ -                 | \$ -                 |
| Average Rate Base   | <u>\$ 44,915,261</u> | <u>\$ 43,720,512</u> |
| Net Operating Income YTD  | \$ 604,411           | \$ 286,848           |
| <b>Net Operating Income As a<br/>Percent of Average Net Rate Base</b> | <b><u>1.35%</u></b>  | <b><u>0.66%</u></b>  |

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**

**June 30, 2021**

|   |                               |
|---|-------------------------------|
| Ending balance on report for May 31, 2021         | <u>8,555,853.03</u>           |
| Plus: Receipts                                    | 474,253.49                    |
| Misc Receipts (includes stop loss reimbursements) | 6,397.24                      |
| Direct Pay Receipts                               | 308,568.85                    |
| Stop Loss Reimbursements                          | 808,278.39                    |
| Money Market/CDARs Investment Interest            | 327.11                        |
| Online Payments in Transit                        | -                             |
| Minus:  |                               |
| Disbursements - vendors and payroll               | (977,239.27)                  |
| Bank Service Fees Credit                          | (713.77)                      |
| Health & Dental Claims/Adm Costs                  | (833,925.95)                  |
| NSF Checks & Customer Refunds                     | (873.40)                      |
| PSN Deposit Fees                                  | (3,294.72)                    |
| Reallocate Sewer/Garbage - payments               | 8,220.49                      |
| Reallocate Sewer/Garbage - monthly                | (333.27)                      |
| Online Payments in Transit                        | (10,751.40)                   |
| Automated Credit Card Payments                    | (1,040.71)                    |
| Postage   | (9,000.00)                    |
| Utility Water Payments                            | (5,291.08)                    |
| <b>Ending Balance June 30, 2021</b>               | <b><u>\$ 8,319,435.03</u></b> |

Note: The above amount includes:

|  |                               |
|--|-------------------------------|
| Bond Reserve Fund  | 668,413.54                    |
| CD Investment Account - Matured 3/4/21 transferred to MM | -                             |
| Money Market Investment                                  | 3,980,347.48                  |
| Health Insurance Restricted Reserve                      | 380,000.00                    |
| BAN Funds for Construction                               | 1,278,031.11                  |
| Total  | <b><u>\$ 6,306,792.13</u></b> |

|                                     |              |
|-------------------------------------|--------------|
| General Unrestricted Operating Cash | 2,012,642.90 |
|-------------------------------------|--------------|



**STATEMENT OF NET POSITION**  
**JUNE 30, 2021 AND 2020**

| <u><b>Assets and Other Debits Utility Plant</b></u> | <u><b>Year to Date<br/>2021</b></u> | <u><b>Year to Date<br/>2020</b></u> | <u><b>Liabilities and Other Credits</b></u>     | <u><b>Year to Date<br/>2021</b></u> | <u><b>Year to Date<br/>2020</b></u> |
|---|-------------------------------------|-------------------------------------|---|-------------------------------------|-------------------------------------|
| Utility Plant                                       | 77,595,063                          | 73,421,710                          | <u><b>Proprietary Capital</b></u>               |                                     |                                     |
| Depreciation- Utility Plant                         | 25,609,819                          | 23,905,065                          | Capital Paid by Municipal                       | 1,640,701                           | 1,640,701                           |
| Net Utility Plant                                   | <u>\$ 51,985,244</u>                | <u>\$ 49,516,645</u>                | Unapprop. Earned Surplus                        | 45,623,822                          | 44,826,149                          |
|   |                                     |                                     | Total Proprietary Capital                       | <u>\$ 47,264,523</u>                | <u>\$ 46,466,850</u>                |
| <u><b>Other Property and Investments</b></u>        |                                     |                                     | Bonds, Loans & Advances                         | 12,624,174                          | 13,677,170                          |
| Appropriated Funds                                  | 1,658,031                           | -                                   | Total Long Term Debt                            | <u>\$ 12,624,174</u>                | <u>\$ 13,677,170</u>                |
| Bond Redemption Fund                                | 668,414                             | 706,627                             |   |                                     |                                     |
| Net Pension Asset <sup>1</sup>                      | 411,147                             | -                                   | <u><b>Current &amp; Accrued Liabilities</b></u> |                                     |                                     |
| Deferred Outflow - Pension & OPEB <sup>1</sup>      | 1,038,866                           | 1,262,190                           | Accounts Payable                                | 481                                 | -                                   |
| Total Other Prop & Investment                       | <u>\$ 3,776,458</u>                 | <u>\$ 1,968,817</u>                 | Accrued Liabilities                             | 1,276,234                           | 1,222,398                           |
|   |                                     |                                     | Total Current & Accrued Liab.                   | <u>\$ 1,276,715</u>                 | <u>\$ 1,222,398</u>                 |
| <u><b>Current and Accrued Assets</b></u>            |                                     |                                     |   |                                     |                                     |
| Cash & Investments                                  | 5,993,740                           | 10,383,005                          | <u><b>Deferred Credits</b></u>                  |                                     |                                     |
| Accounts Receivable                                 | 1,427,756                           | 1,381,080                           | Bond Premium                                    | 203,028                             | 238,897                             |
| LSL Loan Receivable <sup>3</sup>                    | 74,856                              | -                                   | Pre 2003 Depr on Contributed Assets             | 62,788                              | 87,922                              |
| Grant Receivable - Restricted <sup>2</sup>          | 31,985                              | 10,000                              | Other Deferred Credits <sup>3</sup>             | 0                                   | 0                                   |
| Materials & Supplies Inventory                      | 279,232                             | 331,498                             |   | <u>\$ 265,816</u>                   | <u>\$ 326,819</u>                   |
| Prepaid Expenses                                    | 23,467                              | 15,040                              | <u><b>Operating Reserves</b></u>                |                                     |                                     |
| Total Current & Accrued Assets                      | <u>\$ 7,831,036</u>                 | <u>\$ 12,120,622</u>                | Net Pension & OPEB Liability <sup>1</sup>       | 324,886                             | 275,425                             |
|   |                                     |                                     | Deferred Inflow - Pension & OPEB <sup>1</sup>   | 1,260,697                           | 1,103,698                           |
| <b>Total Assets and Debits</b>                      | <u><b>\$ 63,592,738</b></u>         | <u><b>\$ 63,606,084</b></u>         | Accrued Vac & Sick Leave                        | 575,927                             | 533,725                             |
|   |                                     |                                     | Total Operating Reserve                         | <u>\$ 2,161,510</u>                 | <u>\$ 1,912,848</u>                 |
|   |                                     |                                     | <b>Total Liab &amp; Other Credits</b>           | <u><b>\$ 63,592,738</b></u>         | <u><b>\$ 63,606,084</b></u>         |

<sup>1</sup> See full audited Financial Statements for disclosures and details regarding pensions and OPEB.

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

<sup>3</sup> Receivable related to the new SWU LSL loan program.



**STATEMENT OF REVENUE, EXPENSES AND CHANGES IN NET POSITION**  
**JUNE 30, 2021 AND 2020**

|                                   | 2021              |                     | 2020              |                     | Incr (Decr)<br>YTD | % Incr/Decr<br>YTD |
|-----------------------------------|-------------------|---------------------|-------------------|---------------------|--------------------|--------------------|
|                                   | MONTH             | YTD                 | MONTH             | YTD                 |                    |                    |
| Sales Revenue <sup>1</sup>        | \$ 814,148        | \$ 4,218,459        | \$ 660,877        | \$ 3,521,974        | \$ 696,485         | 19.78%             |
| Other Water Revenue <sup>2</sup>  | \$ 5,987          | \$ 28,085           | \$ 5,026          | \$ 48,792           | \$ (20,707)        | -42.44%            |
| <b>Total Operating Revenues</b>   | <b>\$ 820,135</b> | <b>\$ 4,246,544</b> | <b>\$ 665,903</b> | <b>\$ 3,570,766</b> | <b>\$ 675,779</b>  | <b>18.93%</b>      |
| Operating Expenses <sup>3</sup>   | 227,981           | 1,800,782           | 274,984           | 1,604,563           | 196,220            | 12.23%             |
| Maintenance Expenses <sup>4</sup> | 72,534            | 434,137             | 61,557            | 315,473             | 118,664            | 37.61%             |
| Depreciation Expenses             | 129,922           | 797,701             | 126,506           | 776,365             | 21,336             | 2.75%              |
| Taxes                             | 107,489           | 609,513             | 101,382           | 587,518             | 21,995             | 3.74%              |
| <b>Total Operating Expenses</b>   | <b>\$ 537,927</b> | <b>\$ 3,642,132</b> | <b>\$ 564,428</b> | <b>\$ 3,283,917</b> | <b>\$ 358,215</b>  | <b>10.91%</b>      |
| Utility Operating Income          | \$ 282,208        | \$ 604,412          | \$ 101,475        | \$ 286,848          | \$ 317,564         | 110.71%            |
| Other Income & Expense            |                   |                     |                   |                     |                    |                    |
| Non-operating Grant Revenue       | 31,985            | 31,985              | 12,500            | 32,950              | (965)              |                    |
| Non-Operating Grant Expenses      | -                 | -                   | (12,500)          | (32,950)            | 32,950             |                    |
| Bond Premium                      | 2,989             | 17,934              | 2,989             | 16,686              | 1,249              |                    |
| Interest Earned on Investments    | 327               | 8,259               | 3,976             | 25,087              | (16,828)           |                    |
| Contributions                     | -                 | -                   | -                 | -                   | -                  |                    |
| Other Expense                     | (475)             | (475)               | -                 | (23,650)            | 23,175             |                    |
| Misc Amortization                 | 2,094             | 12,567              | 2,094             | 12,567              | -                  |                    |
| Bond Interest Expense             | (27,359)          | (164,245)           | (28,214)          | (159,884)           | (4,361)            |                    |
| <b>Change in Net Position</b>     | <b>\$ 291,770</b> | <b>\$ 510,437</b>   | <b>\$ 82,320</b>  | <b>\$ 157,654</b>   | <b>\$ 352,783</b>  |                    |

<sup>1</sup> The increase in Sales Revenue is due to a rate increase that was implemented October 1, 2020, as well as an increase in usage over 2020.

<sup>2</sup> The decrease in Other Revenues is due to a settlement received in 2020 for the purchase of liquid alum.

<sup>3</sup> The increase in Operating Expense is due to an increase in medical claims and fees in 2021, and operations work postponed from 2020 due to Covid, including water treatment, increased electrical costs due to higher usage, resuming the cross connection program and meter change outs, acceptance of credit card fees, and consulting fees for health insurance and IT security.

<sup>4</sup> The increase in maintenance expense is due to an increase in maintenance projects postponed from 2020 due to Covid, including pumping structures, reservoir maintenance, and meters maintenance.



**APPROVAL OF VOUCHERS**  
**June 30, 2021**

|                                      |                      |
|--------------------------------------|----------------------|
| <u>Total Of The General Vouchers</u> | <u>\$ 817,895.51</u> |
| <u>Gross Payroll</u>                 | <u>\$ 169,411.56</u> |
| <u>Net Payroll</u>                   | <u>\$ 102,948.71</u> |

**BOARD OF WATER COMMISSIONERS**

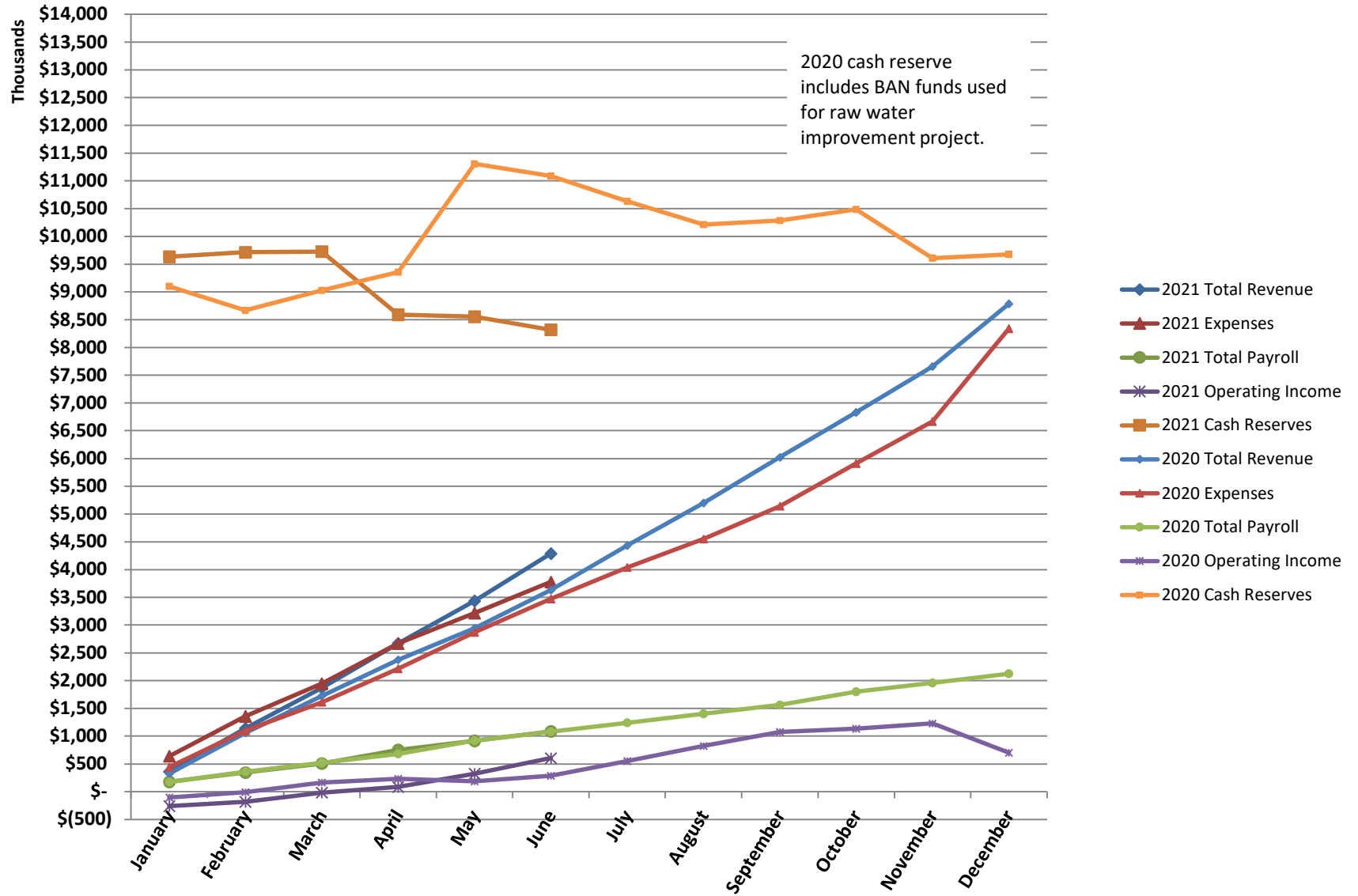
\_\_\_\_\_  
PRESIDENT

\_\_\_\_\_  
SECRETARY

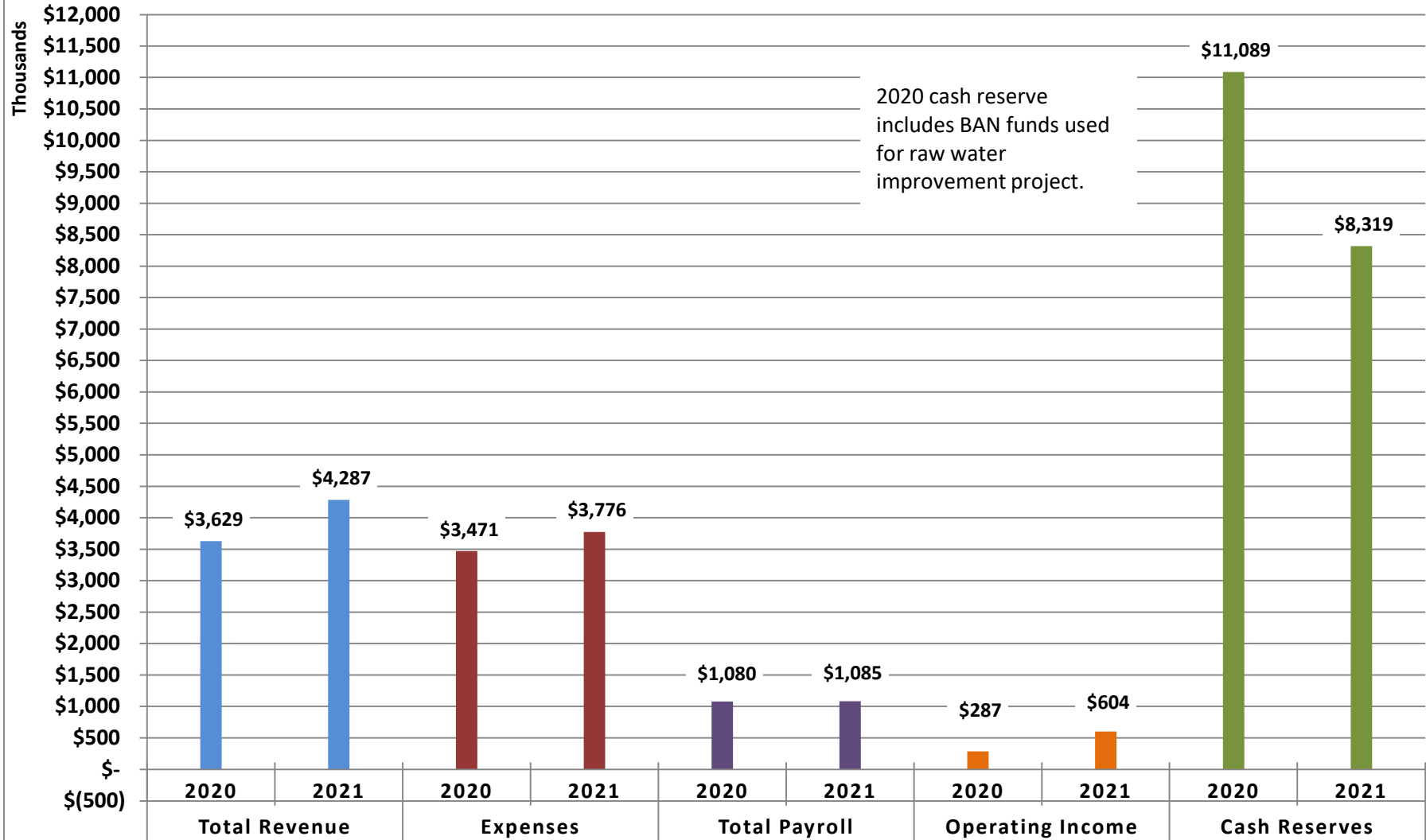
\_\_\_\_\_  
MEMBER

\_\_\_\_\_  
SUPERINTENDENT

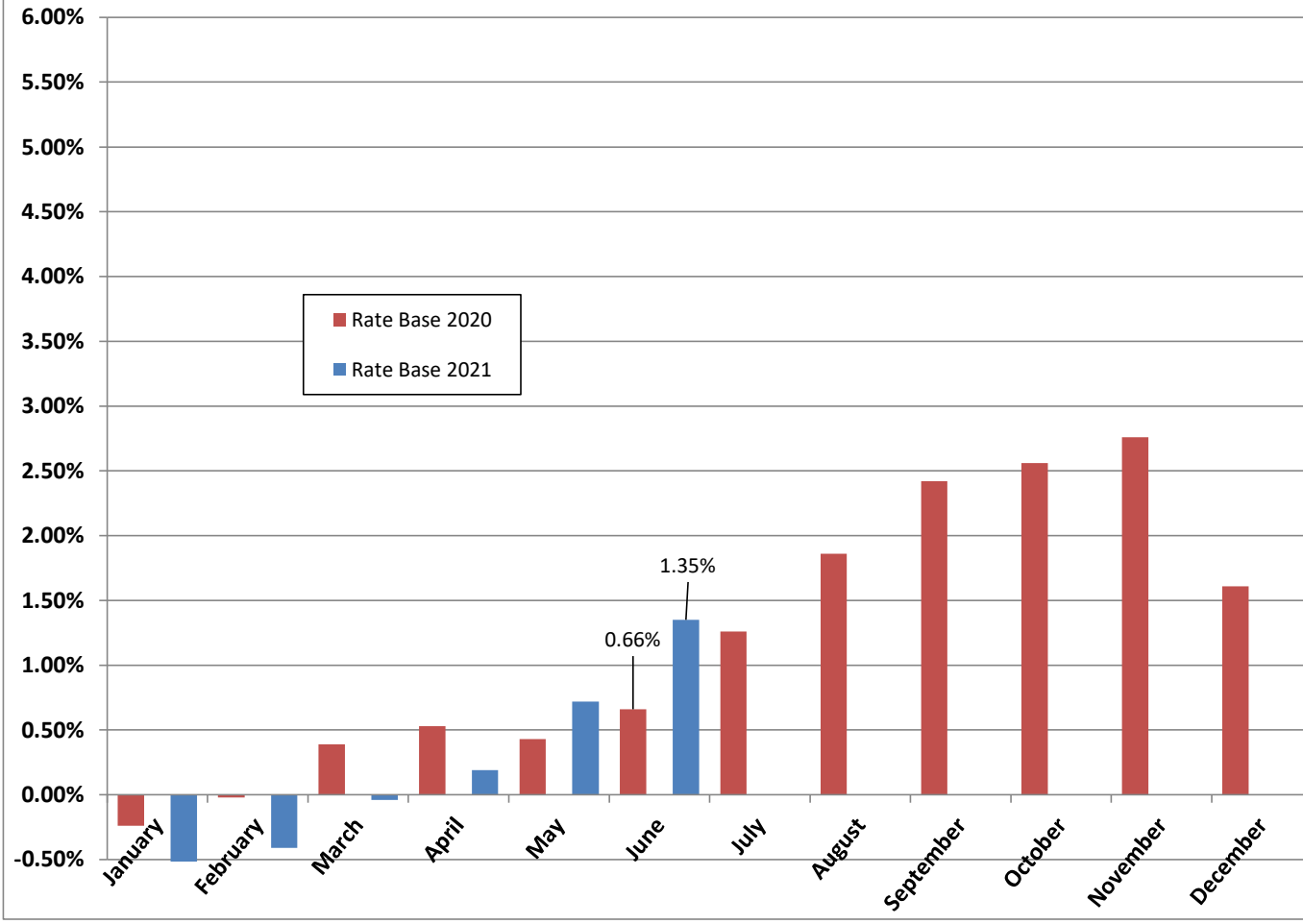
## SHEBOYGAN WATER UTILITY JUNE 2021 MONTHLY FINANCIAL TREND



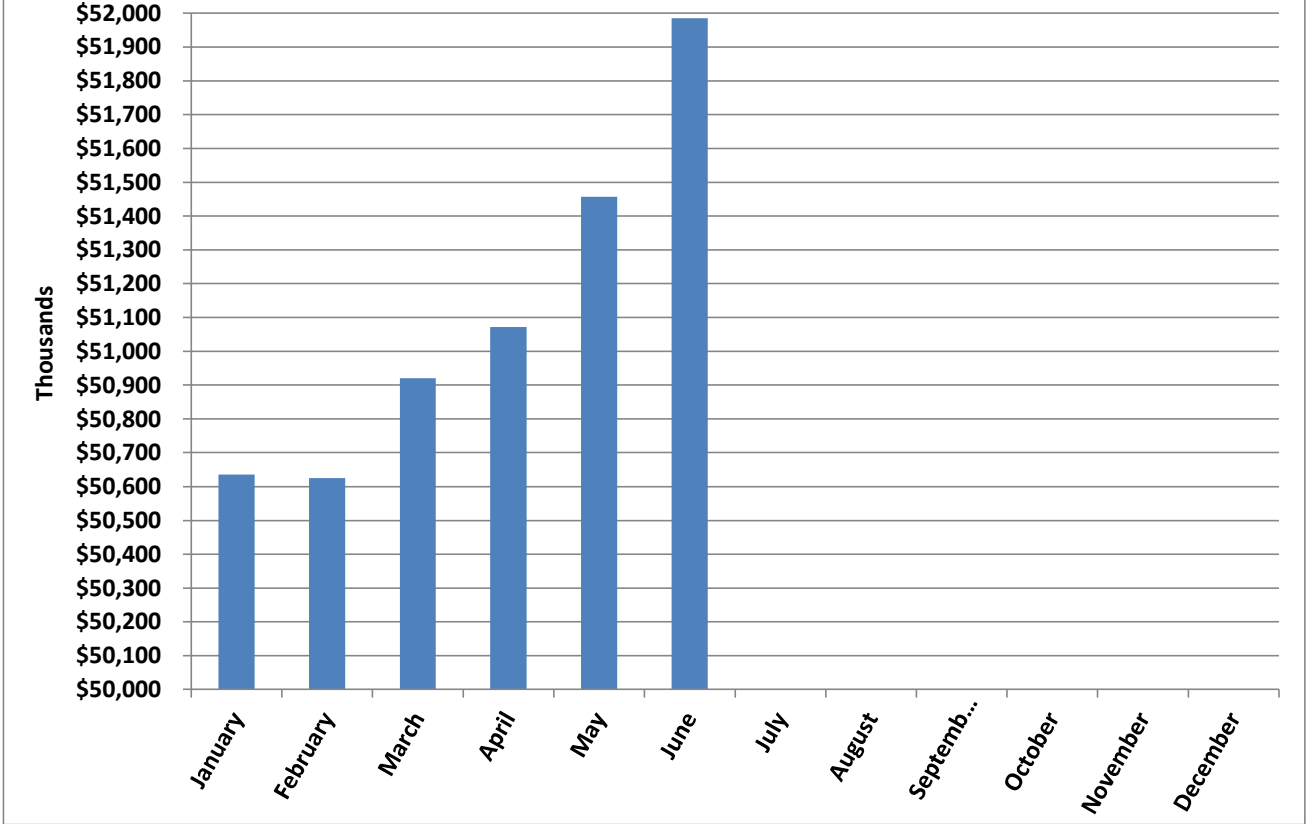
## SHEBOYGAN WATER UTILITY JUNE 2021 YTD FINANCIAL POSITION



### SHEBOYGAN WATER UTILITY JUNE 2021 RETURN ON RATE BASE



### SHEBOYGAN WATER UTILITY JUNE 2021 UTILITY PLANT BALANCE



## MONTHLY CONSTRUCTION-MAINTENANCE DEPARTMENT REPORT

June 2021

### **Distribution System Maintenance:**

- Hydrant and valve replaced at Kentucky and S 10<sup>th</sup>.
- Valve replaced at Alabama and S 10<sup>th</sup>.
- Hydrant and two valves replaced at Clara and S 10<sup>th</sup>.
- Repaired a valve at N 8<sup>th</sup> and Geele Ave.
- Grading and driveway work at N 36<sup>th</sup> St. site.
- Power washed roofs of tanks at Erie Ave.
- Started painting north tank roof at Erie Ave.
- Repaired leak on N 14<sup>th</sup> St. near Union Avenue.
- Repaired leak on Alabama Avenue.
- Repaired a leak on South Business Drive
- Aided in shut-downs on the Georgia Avenue Water Main Replacement Project.
- Repaired service holes.
- Hauled in fill to replenish stock.

### **Water Quality:**

- Completed weekly, and monthly hydrant flushing.
- Monitored, calibrated, and maintained auto-flushing units.

### **Taps:**

- 1" tap at 716 Bell Ave. Lead Service was removed from the system.
- 1" tap at 726 Bell Ave. Lead Service was removed from the system.
- 1" tap at 1415 N 6<sup>th</sup> Street. Lead Service was removed from the system.
- 1" tap at 623 St. Clair Ave. Lead Service was removed from the system.

### **Building/Grounds Maintenance:**

- General shop maintenance and cleaning.

### **Equipment Maintenance:**

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

## Distribution System -- 2nd Quarter April, May, and June, 2021

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

| Location                              | Installed | Size   | By     | Type     |
|---------------------------------------|-----------|--------|--------|----------|
| Georgia Ave and S. 9th St (W)         | 4/28/2021 | 12" MJ | Vinton | G (vert) |
| Georgia Ave and S. 9th St (S)         | 4/29/2021 | 12" MJ | Vinton | G (vert) |
| Georgia Ave and S. 9th St (N)         | 4/29/2021 | 12" MJ | Vinton | G (vert) |
| S. 9th St and Georgia Ave (N)         | 4/29/2021 | 6" MJ  | Vinton | G (vert) |
| Georgia Ave and S. 10th St (E)        | 5/3/2021  | 6" MJ  | Vinton | G (vert) |
| S. 10th St and Georgia Ave (N)        | 5/4/2021  | 12" MJ | Vinton | G (vert) |
| Georgia Ave and S. 10th St (W)        | 5/4/2021  | 12" MJ | Vinton | G (vert) |
| S. 10th St and Georgia Ave (S)        | 5/5/2021  | 12" MJ | Vinton | G (vert) |
| N. 20th St. at Superior Ave. (N)      | 5/6/2021  | 8" MJ  | ute.   | G (vert) |
| Superior Ave. at N. 19th St. (W)      | 5/6/2021  | 12" MJ | ute.   | G (vert) |
| S. 11th St and Georgia Ave (S)        | 5/7/2021  | 8" MJ  | Vinton | G (vert) |
| S. 11th St and Georgia Ave (N)        | 5/7/2021  | 8" MJ  | Vinton | G (vert) |
| Georgia Ave and S. 11th St (E)        | 5/7/2021  | 6" MJ  | Vinton | G (vert) |
| Georgia Ave and S. 12th St (E)        | 5/7/2021  | 6" MJ  | Vinton | G (vert) |
| Georgia Ave and S. 11th St (E)        | 5/7/2021  | 12" MJ | Vinton | G (vert) |
| Georgia Ave and S. 12th St (E)        | 5/12/2021 | 12" MJ | Vinton | G (vert) |
| S. 10th St at Kentucky (S)            | 6/2/2021  | 12" MJ | ute.   | G (vert) |
| S. 14th St and Georgia Ave (N)        | 6/2/2021  | 12" MJ | Vinton | G (vert) |
| S. 14th St ~170' south of Georgia Ave | 6/3/2021  | 6" MJ  | Vinton | G (vert) |
| Georgia Ave. at S. 14th St. (E)       | 6/4/2021  | 12" MJ | Vinton | G (vert) |
| Georgia Ave. at S. 13th St. (E)       | 6/7/2021  | 12" MJ | Vinton | G (vert) |
| S. 12th St at Georgia Ave (S)         | 6/9/2021  | 8" MJ  | Vinton | G (vert) |
| S. 12th St at Georgia Ave (N)         | 6/9/2021  | 8" MJ  | Vinton | G (vert) |
| S. 10th St and Alabama (E)            | 6/22/2021 | 10" MJ | ute.   | G (vert) |
| S. 10th St. and Alabama (N)           | 6/22/2021 | 12" MJ | ute.   | G (vert) |
| S. 13th St and Georgia Ave (S)        | 6/29/2021 | 12" MJ | Vinton | G (vert) |
| S. 13th St and Georgia Ave (S)        | 6/29/2021 | 12" MJ | Vinton | G (vert) |

Total Valves Installed = 27

### Street Valves and Hydrant Valves Removed

| Location                         | Installed  | Removed   | Type     |
|----------------------------------|------------|-----------|----------|
| Georgia Ave. at S. 9th St. (E)   |            | 4/29/2021 |          |
| Georgia Ave. at S. 9th St. (W)   |            | 4/29/2021 |          |
| S. 9th St. at Georgia Ave. (S)   |            | 4/29/2021 |          |
| S. 10th St. at Georgia Ave. (N)  | 12/15/1916 | 5/3/2021  | G        |
| Georgia Ave. at S. 10th St. (W)  |            | 5/3/2021  | G (vert) |
| Superior Ave. at N. 19th St. (W) | 6/30/1920  | 5/6/2021  | G        |
| N. 20th St. at Superior Ave. (N) | 4/5/1937   | 5/6/2021  | G        |
| S. 11th St. at Georgia Ave. (S)  | 1917       | 5/7/2021  | G        |
| S. 11th St. at Georgia Ave. (S)  |            | 5/7/2021  | G (vert) |

|  |           |           |            |
|--|-----------|-----------|------------|
| S. 11th St. at Georgia Ave. (N)            |           | 5/7/2021  | G (vert)   |
| Georgia Ave. at S. 12th St. (E)            | 7/21/1988 | 5/12/2021 | G (r/w)    |
| S. 10th St at Kentucky (S)                 | 1918      | 6/2/2021  | G          |
| Georgia Ave. at S. 14th St. (E)            |           | 6/4/2021  | G          |
| S. 12th St. at Georgia Ave. (S)            | 8/23/1988 | 6/19/2021 | G (r/w)    |
| S. 12th St. at Georgia Ave. (N)            |           | 6/19/2021 | G (r/w)    |
| S. 10th St and Alabama (E)                 | 1910      | 6/22/2021 | G          |
| S. 10th St. and Alabama (N)                | 1918      | 6/22/2021 | G          |
| Georgia Ave. at S. 13th St. (E)            | 1917      | 6/28/2021 | G          |
| Georgia Ave. at S. 13th St. (W of 6x6 tee) |           | 6/28/2021 | G (r/w) DI |

Total Valves Removed = 19

#### Street Valves and Hydrant Valves Abandoned

| Location                    | Installed  | Abandoned |
|-----------------------------|------------|-----------|
| S. 14th St. at Georgia Ave. | 10/12/1988 | 6/3/2021  |

Total Valves Abandoned = 1

#### Street Valves and Hydrant Valves Maintained

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

Total Valves Maintained = 0

#### Hydrants Installed (including water main projects and others)

| Location                                     | Installed | Tr Size      | Valve | By     |
|--|-----------|--------------|-------|--------|
| Superior Ave. at N. 20th St. (NE)            | 4/16/2021 | 6'           | n     | ute.   |
| S. 9th St. at Georgia Ave. (NE)              | 4/29/2021 |              | y     | Vinton |
| Georgia Ave. at S. 10th St. (NE)             | 5/3/2021  |              | y     | Vinton |
| Georgia Ave. at S. 11th St. (NE)             | 5/6/2021  |              | y     | Vinton |
| Georgia Ave. at S. 12th St. (NE)             | 5/12/2021 |              | y     | Vinton |
| N. 12th St. at Trimberger Ct. (E)            | 5/26/2021 | 7'           | n     | ute.   |
| Calumet Dr. 200' NW. of Geele Ave. (NE)      | 5/27/2021 | 6'6"         | y     | ute.   |
| NW Corner of S. 10th St and Alabama          | 6/2/2021  |              | n     | ute.   |
| SE Corner of S. 10th St and Kentucky         | 6/2/2021  |              | n     | ute.   |
| S. 14th St between Georgia Ave and Clara Ave | 6/8/2021  | 6' + 24" ext | y     | Vinton |

Total Hydrants Installed = 13

#### Hydrants Removed (including water main projects and others)

| Location                               | Installed  | Removed   | Hyd Valve? |
|--|------------|-----------|------------|
| Superior Ave. at N. 20th St. (NE)      | 7/4/1920   | 4/16/2021 | n          |
| Georgia Ave. 150' E. of S. 9th St. (N) |            | 4/27/2021 | n          |
| S. 9th St. at Georgia Ave. (NE)        | 11/13/2000 | 4/29/2021 | n          |
| Georgia Ave. at S. 10th St. (NE)       |            | 5/3/2021  | n          |
| Georgia Ave. at S. 11th St. (NE)       | 12/9/1974  | 5/6/2021  | n          |
| S. 12th St. at Georgia Ave. (NE)       |            | 5/12/2021 | n          |
| N. 12th St. at Trimberger Ct. (E)      |            | 5/26/2021 | n          |

|   |            |           |   |
|---|------------|-----------|---|
| Calumet Dr. 200' NW. of Geele Ave. (NE) | 5/31/1967  | 5/28/2021 | y |
| NW Corner of S. 10th St and Alabama     |            | 6/2/2021  | n |
| SE Corner of S. 10th St and Kentucky    |            | 6/2/2021  | n |
| S. 14th St. at Georgia Ave.             | 10/12/1988 | 6/3/2021  | y |

Total Hydrants Removed = 11

**Hydrants Abandoned** (including water main projects and others)

| Location | Installed | Abandoned | Tr Size |
|----------|-----------|-----------|---------|
|----------|-----------|-----------|---------|

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      | Main Size (") |
|---------------------------|-----------|---------------|
| N. 7th St and Ontario Ave | 4/15/2021 | 6"            |
| 1120 Alabama              | 6/28/2021 | 6"            |
| 2015 S 14th St.           | 6/17/2021 | 6"            |
| 1120 Alabama              | 6/28/2021 | 6"            |
| 2311 South Taylor Drive   | 6/29/2021 | 16"           |

Total Water Main Breaks = 5

**SUMMARY**

|   |        |            |
|---|--------|------------|
| Number of feet of 4 inch water main installed     | 18.6   | water main |
| Number of feet of 6 inch hydrant lead installed   | 81.6   |            |
| Number of feet of 6 inch water main installed     | 143.1  |            |
| Number of feet of 8 inch water main installed     | 192.3  |            |
| Number of feet of 10 inch water main installed    | 27.5   |            |
| Number of feet of 12 inch water main installed    | 3115.2 |            |
| Number of feet of 16 inch water main installed    |        |            |
| Number of feet of 24 inch water main installed    |        |            |
| Number of feet of water main abandoned or removed | 3460   |            |
| Number of water main breaks repaired              | 5      |            |
| Number of hydrants installed                      | 13     | hydrants   |
| Number of hydrants removed or abandoned           | 11     |            |
| Number of hydrants maintained or moved            | 0      |            |
| Number of street valves installed                 | 27     | valves     |
| Number of hydrant valves installed                | 6      |            |
| Number of street valves removed or abandoned      | 20     |            |
| Number of hydrant valves removed or abandoned     | 2      |            |
| Number of valves maintained                       |        |            |
| Number of water connections installed             | 9      |            |

WATER MAIN AND APPURTENANCES INSTALLATION -- June 2021

| Location: 4" Water Main             | Installed | New Valves | New Hyd. | New Hyd Valves | Aband. Valves | Aband. Hyd. | Remove Hyd. | Size "    | Feet      | New Hyd | Size   | Feet.  | Feet. | By     |
|-------------------------------------|-----------|------------|----------|----------------|---------------|-------------|-------------|-----------|-----------|---------|--------|--------|-------|--------|
|                                     |           |            |          |                |               |             |             | Installed | Installed | Lead    | Aband. | Aband. | Rem.  |        |
| S. 12th St and Georgia North Tie in | 6/16/2021 | 0          | 0        | 0              | 0             | 0           | 0           | 4         | 18.55     | 0       | 4" CIP | 0      | 0     | Vinton |
| <b>Totals</b>                       |           | 0          | 0        | 0              | 0             | 0           | 0           |           | 18.55     | 0       |        | 0      | 0     |        |

| Location: 6" Water Main                   | Installed | New Valves | New Hyd. | New Hyd Valves | Aband. Valves | Aband. Hyd. | Remove Hyd. | Size "    | Feet      | New Hyd | Size   | Feet.  | Feet. | By     |
|---|-----------|------------|----------|----------------|---------------|-------------|-------------|-----------|-----------|---------|--------|--------|-------|--------|
|   |           |            |          |                |               |             |             | Installed | Installed | Lead    | Aband. | Aband. | Rem.  |        |
| S. 14th St and Georgia South Tie in       | 6/15/2021 | 0          | 0        | 0              | 0             | 0           | 0           | 6         | 81        | 0       | 6" CIP | 81     | 0     | Vinton |
| S. 11th St Tie In's (North and South)     | 6/11/2021 | 0          | 0        | 0              | 0             | 0           | 0           | 6         | 41.07     | 0       | 6" CIP | 41     | 0     | Vinton |
| S. 14th St and Georgia Ave (North Tie in) | 6/2/2021  | 0          | 0        | 0              | 0             | 0           | 0           | 6         | 21        | 0       | 6" CIP | 21     | 0     | Vinton |
| <b>Totals</b>                             |           | 0          | 0        | 0              | 0             | 0           | 0           |           | 143.07    | 0       |        | 143    | 0     |        |

| Location: 8" Water Main             | Installed | New Valves | New Hyd. | New Hyd Valves | Aband. Valves | Aband. Hyd. | Remove Hyd. | Size "    | Feet      | New Hyd | Size   | Feet.  | Feet. | By     |
|-------------------------------------|-----------|------------|----------|----------------|---------------|-------------|-------------|-----------|-----------|---------|--------|--------|-------|--------|
|                                     |           |            |          |                |               |             |             | Installed | Installed | Lead    | Aband. | Aband. | Rem.  |        |
| S. 12th St and Georgia South Tie in | 6/16/2021 | 0          | 0        | 0              | 0             | 0           | 0           | 8         | 23.8      | 0       | 8" DIP | 24     | 0     | Vinton |
| S. 12th St at Georgia Ave           | 6/9/2021  | 2          | 0        | 0              | 0             | 0           | 0           | 8         | 87        | 0       | 4" CIP | 86     | 0     | Vinton |
| <b>Totals</b>                       |           | 2          | 0        | 0              | 0             | 0           | 0           |           | 110.8     | 0       |        | 110    | 0     |        |

| Location: 12" Water Main                         | Installed | New Valves | New Hyd. | New Hyd Valves | Aband. Valves | Aband. Hyd. | Remove Hyd. | Size "    | Feet      | New Hyd | Size   | Feet.  | Feet. | By     |
|--|-----------|------------|----------|----------------|---------------|-------------|-------------|-----------|-----------|---------|--------|--------|-------|--------|
|  |           |            |          |                |               |             |             | Installed | Installed | Lead    | Aband. | Aband. | Rem.  |        |
| S. 13th St and Georgia Ave Interconnects/Tie ins | 6/28/2021 | 1          | 0        | 0              | 0             | 0           | 0           | 12        | 38        |         | 6" DIP | 18     | 0     | Vinton |
| S. 12th St and Georgia East Tie in               | 6/16/2021 | 0          | 0        | 0              | 0             | 0           | 0           | 12        | 40.65     |         | 6" CIP | 41     | 0     | Vinton |
| Georgia Ave from S. 12th St to S. 13th St        | 6/9/2021  | 0          | 0        | 0              | 0             | 0           | 0           | 12        | 428       |         | 6" CIP | 428    | 0     | Vinton |
| Georgia Ave from S. 13th St to S. 14th St        | 6/7/2021  | 1          | 0        | 0              | 0             | 0           | 0           | 12        | 394       |         | 6" CIP | 394    | 0     | Vinton |
| S. 14th St and Georgia Ave                       | 6/4/2021  | 0          | 1        | 0              | 0             | 0           | 1           | 12        | 311       | 14.6    | 6" CIP | 311    | 0     | Vinton |
| S. 14th St and Georgia Ave (North Tie in)        | 6/1/2021  | 1          | 0        | 0              | 0             | 0           | 0           | 12        | 5.5       |         | 6" CIP | 6      | 0     | Vinton |
| <b>Totals</b>                                    |           | 3          | 1        | 0              | 0             | 0           | 1           | 72        | 1217.15   | 14.6    | 0      | 1198   | 0     |        |

# CUSTOMER RELATIONS & FISCAL SUMMARY

## UTILITY BILLS

Mailed  
5845

Emailed  
1365



## PAYMENT TRANSACTIONS

Electronic 4,083

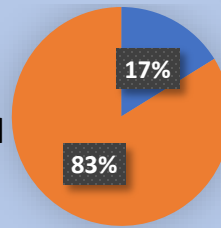
Cash & Check 3,016

#

7,099

Total Number of  
Payments Processed

11  
Payments Returned  
NSF



■ Auto-Pay  
■ One Time

## COLLECTIONS

District 2 \*Disco Program Resumed  
April 15, 2021

\$ 1,009,057

Billed

\$370,269

Outstanding After  
Due Date

1869

Past Due  
Letters Mailed

24

Properties  
Disconnected

\$85,378

Outstanding At  
Month End

|                     | June 2020 | June 2021 |
|---------------------|-----------|-----------|
| Payment Window      | 444       | 425       |
| Drop Box Payments   | 288       | 226       |
| Electronic Payments | 2741      | 4083      |
| Cash/Check Payments | 3266      | 2365      |
| Total Payments      | 6739      | 7099      |

## CUSTOMER SERVICE

|                        | June 2020 | June 2021 |
|------------------------|-----------|-----------|
| Answered Calls         | 1668      | 1630      |
| Account Transfers      | 195       | 322       |
| Property Data Requests | 78        | 135       |

## PSC COMPLAINTS

1 PSC Complaint(s) Filed

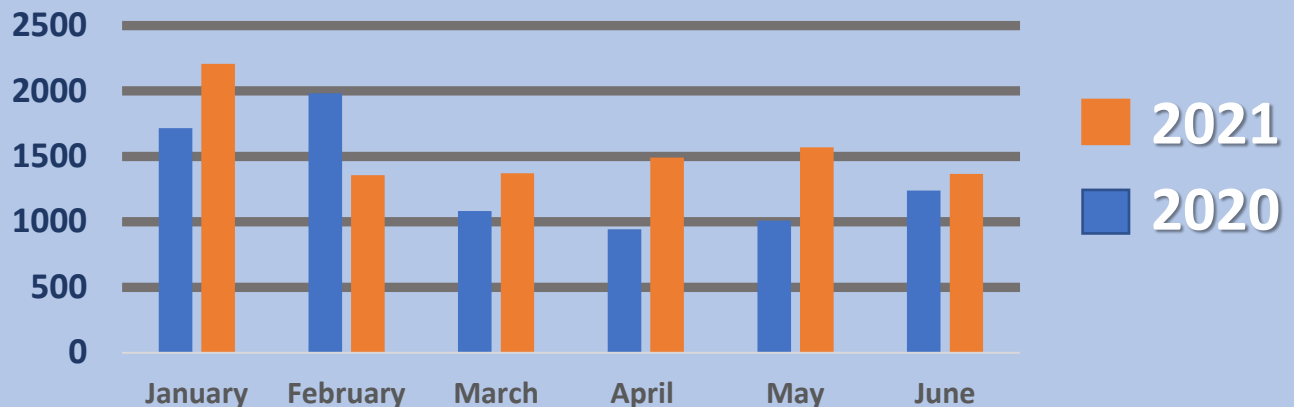
## ACCOUNTS PAYABLE

217 Invoices Paid

JUNE  
2021

# CUSTOMER RELATIONS & FISCAL SUMMARY

## SERVICE TECH MILES DRIVEN



## CROSS CONNECTION INSPECTIONS



**48**

Inspections

**18**

Facilities with Compliance Issues

## LEAK ALLOWANCE

**3**

Customer Requests

**290**

CCF Allowed @ Reduced Rate



## SERVICE LEAKS

**4**

New Reported Leaks

**1**

Leaks Fixed

**4**

Active Leak(s) Month End

## METERS

**81**

Meters

Installed/Replaced

**18**

Meters Tested



**JUNE  
2021**

# CUSTOMER RELATIONS & FISCAL SUMMARY

## FACEBOOK PAGE



0 June New Followers

696 Total Followers

## WEBSITE VISITORS

3,028



2020 Visits in June: 2,648

Top Page Viewed: Pay Your Bill

## MOST IMPRESSIONABLE FACEBOOK POSTS

**Sheboygan Water Utility**  
★ Favorites · June 17 at 8:25 AM · 🌐

⚠️ Main Break ⚠️

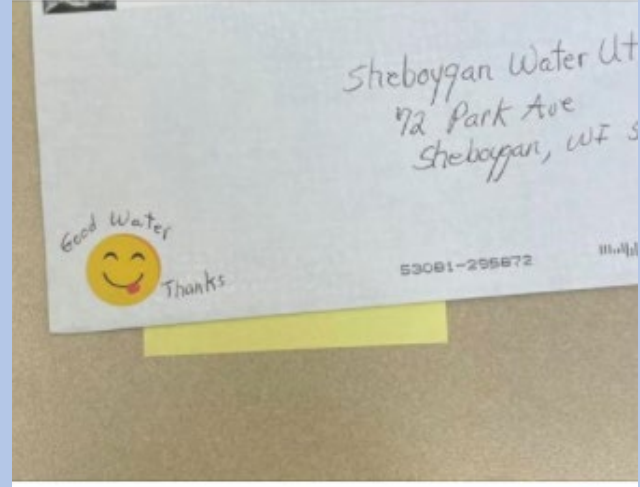
Distribution Techs are responding to a main break in S. 14th St near Union Ave.

To make the repair, a brief water shutdown will be required. Please see the map for the shutdown area.... See More



**Sheboygan Water Utility**  
★ Favorites · June 15 at 10:25 AM · 🌐

Why thank you 😊! We think so too 😊.



Get More Likes, Comments and Shares  
When you boost this post, you'll show it to more people.

284 People Reached      27 Engagements      Boost Post

Eric Radloff, Mike Werner and 15 others

1,426 People Reached      103 Engagements

Boost Post

Amanda Rodriguez, Dave Sartori and 4 others

14 Shares

JUNE 2021

# CUSTOMER RELATIONS & FISCAL SUMMARY

## ADDITIONAL CR/F ACTIVITIES JUNE

- ◆ The Utility resumed disconnection for nonpayment on April 27, 2021. 24 properties were disconnected for failure to make payment or enter into a Deferred Payment Agreement in June.
- ◆ The USS continue to rotate their schedule in the office on teams of two.
- ◆ Residential Meter Replacement Program resumed the end of April.
- ◆ Staff is continues working with InvoiceCloud to convert to a new payment processor/online account access vendor. New target implementation date is August 2021.
- ◆ One PSC Complaint was filed. The complaint was regarding a back bill required per PSC Rules. The back bill was issued due to a duplicate endpoint serial number issued by the vendor. Customer was incorrectly billed for service used. Complaint has not yet been closed out by PSC.

JUNE  
2021

# June 2021

## OPERATIONS' DEPARTMENT MONTHLY REPORT

| PUMPAGE                                   | HIGH LIFT      |                    | LOW LIFT       |                    | 2021 VS 2020<br>HL |
|---|----------------|--------------------|----------------|--------------------|--------------------|
|   | 2020           | 2021               | 2020           | 2021               |                    |
| Total in MG                               | 365,529        | 419,571            | 369,230        | 418,595            | 14.78%             |
| Daily Average (MG)                        | 12.184         | 14.007             | 12.308         | 13.953             |                    |
| Max. Day (MG)                             | 14.858         | 16.195             | 15.409         | 16.249             |                    |
|   |                |                    |                |                    | 2021 VS 2019<br>HL |
| Gal/KwH                                   | 1,171          | 1,179              | 5,249          | 4,880              | 7.45%              |
| <b>ELECTRICAL COSTS</b>                   |                |                    |                |                    |                    |
|   | 2020           |                    | 2021           |                    |                    |
| A. Pumping:                               | KwH            | \$                 | KwH            | \$                 |                    |
| High Lift                                 | 311,067        | \$23,008.91        | 349,957        | \$24,379.90        |                    |
| Low Lift                                  | 70,347         | \$5,203.44         | 84,657         | \$5,897.66         |                    |
| Wash Pump 1                               | 1,400          | \$103.55           | 2,100          | \$146.30           |                    |
| Georgia St. Bstr.                         | 44,700         | \$4,535.04         | 44,700         | \$4,672.89         |                    |
| Wilgus Ave. Bstr.                         | 3,400          | \$414.83           | 3,300          | \$403.76           |                    |
| EE Pit / Bstr.                            | 5,663          | \$658.45           | 5,534          | \$643.86           |                    |
| Erie Ave. Bstr.                           | 16,400         | \$2,200.88         | 0              | \$0.00             | \$/KwH             |
| Sub Total                                 | 452,977        | \$36,125.10        | 490,248        | \$36,144.37        | -7.6%              |
| B. Treat./Fiscal/Misc.                    | KwH            | \$                 | KwH            | \$                 |                    |
| Office & Maint. Bldg.                     | 2,101          | \$1,722.52         | 11,019         | \$1,252.93         |                    |
| Filter Plant / Pump Station / 2nd Service | 42,386         | \$3,605.24         | 48,086         | \$3,956.19         |                    |
| Sub Total                                 | 44,487         | \$5,327.76         | 59,105         | \$5,209.12         | \$/KwH<br>-26.4%   |
| C. Distribution:                          | KwH            | \$                 | KwH            | \$                 |                    |
| Taylor Hill Tank                          | 1,346          | \$173.14           | 487            | \$74.98            |                    |
| Kohler Meter Pit                          | 0              | \$0.00             | 0              | \$0.00             |                    |
| EE Tower                                  | 1,277          | \$165.21           | 230            | \$45.43            |                    |
| Washington (PRV) Pit                      | 359            | \$62.88            | 353            | \$62.74            |                    |
| Sub Total                                 | 2,982          | \$401.23           | 1,070          | \$183.15           | \$/KwH<br>-9.8%    |
| <b>Total Electrical Costs</b>             | <b>500,446</b> | <b>\$41,854.09</b> | <b>550,423</b> | <b>\$41,536.64</b> |                    |
| Electrical Cost / MG                      |                | \$114.50           |                | \$98.85            |                    |
|   | 2020           |                    | 2021           |                    |                    |
| <b>NATURAL GAS COSTS</b>                  | CCF Used       | Cost               | CCF Used       | Cost               |                    |
| Production Facility                       | 251            | \$117.33           |                |                    |                    |
| South Basin                               | 131            | \$186.03           | 273            | \$399.28           |                    |
| Georgia St. Bstr.                         |                |                    |                |                    |                    |
| Erie Ave. Bstr.                           | 49             | \$44.84            |                |                    |                    |
| Wilgus Ave. Bstr.                         |                |                    |                |                    |                    |
| Office & Maint. Bldg.                     | 396            | \$168.05           | 447            | \$429.89           | \$/CCF             |
| <b>Total Natural Gas Costs</b>            | <b>827</b>     | <b>\$516.25</b>    | <b>720</b>     | <b>\$829.17</b>    | 84.5%              |
| Natural Gas Cost / MG                     |                | \$1.41             |                | \$1.97             |                    |
|   | 2020           |                    | 2021           |                    |                    |
| <b>CHEMICAL COSTS</b>                     | Lbs. Used      | Cost               | Lbs. Used      | Cost               |                    |
| Alum                                      | 39,017         | \$5,520.91         | 42,576         | \$6,024.50         | 0.0%               |
| Carbon                                    | 0              | \$0.00             | 0              | \$0.00             | #DIV/0!            |
| Chlorine                                  | 6,856          | \$5,608.21         | 4,143          | \$2,858.67         | -15.6%             |
| Fluoride                                  | 1,650          | \$1,452.00         | 1,814          | \$1,971.82         | 23.5%              |
| KMnO4                                     | 65             | \$237.25           | 0              | \$0.00             | #DIV/0!            |
| Cationic Polymer                          | 0              | \$0.00             | 249            | \$385.18           | #DIV/0!            |
| Liquid Phosphate                          | 2,686          | \$3,411.22         | 3,528          | \$4,664.02         | 4.1%               |
| <b>Total Chemical Costs</b>               |                | <b>\$16,229.59</b> |                | <b>\$15,904.18</b> | -2.0%              |
| Chemical Cost / MG                        |                | \$44.40            |                | \$37.85            |                    |
| <b>Grand Total</b>                        |                | <b>\$58,599.93</b> |                | <b>\$58,269.99</b> | -0.56%             |
| <b>Total Cost / MG</b>                    |                | <b>\$160.32</b>    |                | <b>\$138.67</b>    | -13.50%            |

|   |        |                         |        |                 |                |
|---|--------|-------------------------|--------|-----------------|----------------|
| YTD HL 2021 vs 2020   | 11.01% | YTD HL HIGH DAY PUMPAGE | 16.195 | June 9, 2021    |                |
| YTD HL 2021 vs 2019   | -3.33% | YTD HL LOW DAY PUMPAGE  | 7.251  | January 1, 2021 |                |
| NOTE:   |        |                         |        |                 | YTD HL Ave Day |
| June 2021 is a 14.78% increase in demand when compared to June 2020. Pandemic heavily affected water demands in April 2020-June 2020. |        |                         |        |                 | 2021           |
|   |        |                         |        |                 | 12.020         |
|   |        |                         |        |                 | 2020           |
|   |        |                         |        |                 | 10.764         |
|   |        |                         |        |                 | 2019           |
|   |        |                         |        |                 | 12.428         |

**COMPARATIVE SUMMARY OF PLANT OPERATIONS**

June 2020

vs

June 2021

**Pumping Record**

**High Lift**

**Low Lift**

|                  | 2020      | 2021      | Diff.     |                  | 2020    | 2021    | Diff.    |
|------------------|-----------|-----------|-----------|------------------|---------|---------|----------|
| Tot. Water in MG | 365.529   | 419.571   | 14.78%    | Tot. Water in MG | 369.230 | 418.595 | 13.37%   |
| Daily Average    | 12.184    | 14.007    | 14.96%    | Daily Average    | 12.308  | 13.953  | 13.37%   |
| Maximum Day      | 14.858    | 16.195    | 9.00%     | Maximum Day      | 15.409  | 16.249  | 5.45%    |
| Minimum Day      | 9.044     | 10.887    | 20.38%    | Minimum Day      | 9.247   | 10.996  | 18.91%   |
| By Natural Gas   | 1.316     | 7.577     | 475.76%   | By Natural Gas   | 0.000   | 5.488   | #DIV/0!  |
| Power in KWH     | 311,067   | 349,957   | 12.50%    | Power in KWH     | 70,347  | 84,657  | 20.34%   |
| Gals. per KWH    | 1,171     | 1,179     | 0.69%     | Gals. per KWH    | 5,249   | 4,880   | -7.03%   |
| Power \$ / KWH   | \$0.07397 | \$0.06967 | -5.82%    | Power \$ / KWH   | ----    | ----    | ----     |
| Power \$ / MG    | \$62.95   | \$58.02   | (\$4.93)  | Power \$ / MG    | \$14.09 | \$14.09 | (\$0.00) |
| Tot. Power \$/MG | \$114.85  | \$98.94   | (\$15.91) | Tot. Power \$/MG | ----    | ----    | ----     |

**Treatment Chem.**

**Lbs. Used**

**Cost**

| Total Lbs.       | 2020   | 2021   | Diff.    | Total Cost       | 2020       | 2021       | Diff.        |
|------------------|--------|--------|----------|------------------|------------|------------|--------------|
| Alum             | 39,017 | 42,576 | 9.12%    | Alum             | \$5,520.91 | \$6,024.50 | \$503.59     |
| Carbon           |        |        | #DIV/0!  | Carbon           | \$0.00     | \$0.00     | \$0.00       |
| Chlorine         | 6,856  | 4,143  | -39.57%  | Chlorine         | \$5,608.21 | \$2,858.67 | (\$2,749.54) |
| KMnO4            | 65     | 0      | -100.00% | KMnO4            | \$237.25   | \$0.00     | (\$237.25)   |
| Polymer          | 0      | 249    | #DIV/0!  | Polymer          | \$0.00     | \$385.18   | \$385.18     |
| Liquid Phosphate | 2,686  | 3,528  | 31.35%   | Liquid Phosphate | \$3,411.22 | \$4,664.02 | \$1,252.80   |
| Lb/ MG:          |        |        |          | Cost / MG:       |            |            |              |
| Alum             | 105.7  | 101.7  | -3.75%   | Alum             | \$14.95    | \$14.39    | (\$0.56)     |
| Carbon           | 0.0    | 0.0    | #DIV/0!  | Carbon           | #DIV/0!    | #DIV/0!    | #DIV/0!      |
| Chlorine         | 18.6   | 9.9    | -46.70%  | Chlorine         | \$15.19    | \$6.83     | (\$8.36)     |
| KMnO4            | 0.2    | 0.0    | -100.00% | KMnO4            | \$0.64     | #DIV/0!    | #DIV/0!      |
| Liquid Phosphate | 7.3    | 8.4    | 15.86%   | Liquid Phosphate | \$9.24     | \$11.14    | \$1.90       |

| Fluoride:         | 2020  | 2021  |       | Fluoride: | 2020       | 2021       |          |
|-------------------|-------|-------|-------|-----------|------------|------------|----------|
| Total Lbs.        | 1,650 | 1,814 | 9.94% | Cost      | \$1,452.00 | \$1,971.82 | \$519.82 |
| mg/l applied as F | 0.70  | 0.72  |       | Cost/MG   | \$3.98     | \$4.70     | \$0.72   |
| Av. Res. Plt. Tap | 0.71  | 0.71  |       |           |            |            |          |

**Water Quality:**

**Raw**

**TAP**

|                  | 2020  | 2021  |  | 2020        | 2021  |       |
|------------------|-------|-------|--|-------------|-------|-------|
| Turbidity        | 1.20  | 1.30  |  | Turbidity   | 0.031 | 0.030 |
| pH               | 8.28  | 8.31  |  | pH          | 7.72  | 7.72  |
| Alkalinity       | 106.0 | 107.6 |  | Alkalinity  | 100.5 | 101.6 |
| MF (E-Coli)      | 1.6   | 0.2   |  | Plate Count | 0.00  | 0.00  |
| Temperature      | 46.5  | 47.9  |  | Colilert    | 0     | 0     |
| Wash-H2O % /LL   | 2.12  | 1.77  |  | Temp.       | 48.7  | 50.4  |
| Av. Flt. Run/hrs | 120.2 | 117.7 |  | Cl Res.     | 0.92  | 0.86  |
| Av. ROF / MG     | 1.40  | 1.45  |  |             |       |       |

**Natural Gas:**

|                  | 2020 | 2021   |                     | 2020     | 2021    | Diff.   |
|------------------|------|--------|---------------------|----------|---------|---------|
| Nat. Gas Heating | 130  | -1,142 | Plant & South Basin | \$185.80 | #DIV/0! | #DIV/0! |
| Nat. Gas Pumping | 252  | 1,415  |                     | \$117.56 | #DIV/0! | #DIV/0! |

|                       | CCF           | Cost           | Natural Gas Cost | Natural Gas CCF |
|-----------------------|---------------|----------------|------------------|-----------------|
| #3 Gas Pump           | 133.3         | #DIV/0!        | \$399.28         | 273             |
| #4 Gas Pump           | 648.0         | #DIV/0!        |                  |                 |
| #7 Gas Pump           | 387.5         | #DIV/0!        |                  |                 |
| Electric Generator    | 246.0         | #DIV/0!        |                  |                 |
| <b>Pumping totals</b> | <b>1414.8</b> | <b>#DIV/0!</b> |                  |                 |

# June 2021

|                      |                  | 7/1/2021 | 6/1/2021 |       |
|----------------------|------------------|----------|----------|-------|
| <b>Elapsed Time:</b> |                  |          |          |       |
| % Run                | No. 6 Pump       | 61,912.9 | 61,300.1 | 612.8 |
| 85.1%                | Wash Pump Meter  | 5,184.12 | 5,164.98 | 19.14 |
| 2.66%                | No. 7 Pump       | 724.9    | 709.4    | 15.5  |
| 2.2%                 | No. 8 Pump       | 59,513.4 | 59,488.0 | 25.4  |
| 3.5%                 | No. 9 Pump       | 11,674.0 | 10,992.0 | 682.0 |
| 94.7%                | Wash Pump 2      | 748      | 738      | 10    |
| 1.4%                 | No. 1 Prime Pump | 1,031.0  | 1,030.2  | 0.8   |
|                      | No. 2 Prime Pump | 1,096.4  | 1,094.2  | 2.2   |

|                        |                     | 7/1/2021  | 6/1/2021  |         |
|------------------------|---------------------|-----------|-----------|---------|
| <b>Wattour Meters:</b> |                     |           |           |         |
| Kw/Hr run              | Wash Pump 1         | 1213.1    | 1210.1    | 2,100   |
| 109.7                  | No. 9 Pump          | 5032.25   | 4995.69   | 36,567  |
| 53.6                   | No. 8 Pump          | 6825.4    | 6814.4    | 3,850   |
| 151.6                  | No. 6 Pump          | 9173.3    | 9015.3    | 44,240  |
| 72.2                   | Wash Pump 2         | 76.927    | 75.974    | 1,144   |
| 114.4                  | No. 1 Pump          | 8034.488  | 7880.448  | 154,040 |
| 540.0                  | No. 2 Pump          | 4620.840  | 4620.840  | 0       |
| #DIV/0!                | No. 3 Pump          | 9003.984  | 8982.326  | 21,658  |
| 282.4                  | No. 4 Pump          |           |           | 0       |
| #DIV/0!                | No. 5 Pump          | 8,118.058 | 7,943.799 | 174,259 |
| 478.9                  |                     |           |           |         |
|                        | Garage (MWatt/Hrs.) | 1,033.85  | 1,032.05  | 1,800   |

|                      |            |            |         |
|----------------------|------------|------------|---------|
| Power Co. (Step #3)  | 32,055     | 31,650     | 486,000 |
| Left Meter - OUTSIDE |            |            |         |
| <b>Volume Used:</b>  |            |            |         |
| Nat. Gas (Correct)   | 43,382,989 | 43,288,642 | 118,594 |

|                      |                 | 7/1/2021 | 6/1/2021 |      |
|----------------------|-----------------|----------|----------|------|
| <b>Elapsed Time:</b> |                 |          |          |      |
|                      | Emer. Generator | 963.0    | 950.7    | 12.3 |

|                      |                       | 7/1/2021   | 6/1/2021   |         |
|----------------------|-----------------------|------------|------------|---------|
| <b>Elapsed Time:</b> |                       |            |            |         |
| % Run                | No. 1 Pump            | 14,900.4   | 14,615.2   | 285.2   |
| 39.6%                | No. 2 Pump            | 19,731.49  | 19,731.49  | 0.00    |
| 0.0%                 | No. 3 Elec. Pump      | 31,333.1   | 31,256.4   | 76.7    |
| 10.7%                | No. 3 Nat. Gas Pump   | 501.0      | 496.7      | 4.3     |
| 0.6%                 | No. 4 Elec. Pump      | 0.00       | 0.00       | 0.0     |
| 0.0%                 | No. 4 Nat. Gas Pump   | 1,664.2    | 1,649.8    | 14.4    |
| 2.0%                 | No. 5. Pump           | 16,988.320 | 16,624.450 | 363,870 |
| 50.5%                | UV Building Generator | 105.3      | 93         | 12.3    |
| 1.7%                 |                       |            |            |         |

|  |  | 7/1/2021 | 6/1/2021 |         |
|--|--|----------|----------|---------|
| SLUDGE No. 1 Hour Meter                  |  | 0.0      | 0.0      | 0       |
| SYSTEM No. 2 Mag Meter                   |  | 744,040  | 373,210  | 370,830 |
| Recycle Meter (Reset to zero each month) |  |          |          | 370,830 |

|              |             |           |              |
|--------------|-------------|-----------|--------------|
| Power Cost   | \$0.0696654 | Bill >>>> | \$36,114.55  |
|              | 0.43555     | KWH >>>   | 518,400      |
| Init. Chg.   | \$33,857.39 |           |              |
|              | \$          | KWH       |              |
| Kohler Pit   |             |           | Low L. KWH   |
| Horizon      | \$38.42     | 152       | L.L. Cost \$ |
| Taylor       | \$74.98     | 487       | High L. KWH  |
| ALT. 72 Park | \$522.66    | 1,200     | H.L. Cost \$ |
| Geo. Ave.    | \$4,672.89  | 44,700    | Total Cost   |
| Wilgus Ave.  | \$403.76    | 3,300     | \$30,277.56  |
| EE Pit       | \$643.86    | 5,534     |              |
| EE Tower     | \$45.43     | 230       | Plant Costs  |
| Washington   | \$62.74     | 353       | \$3,956.19   |
| Office       | \$1,252.93  | 11,019    |              |
| Erie Ave.    |             |           |              |
| Total        | \$41,575.06 | 552,975   |              |

## SUMMARY

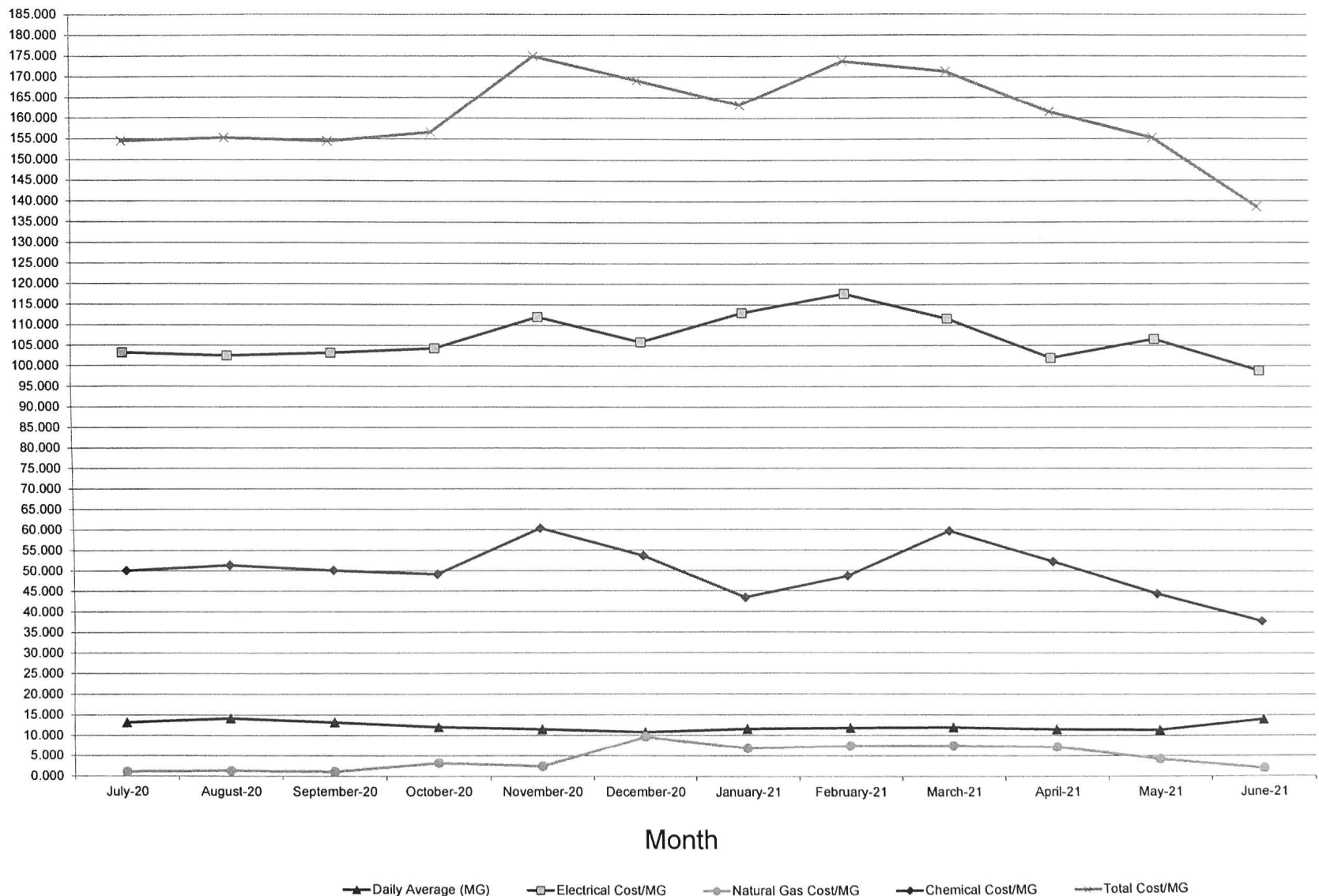
|              | HIGH LIFT |           | LOW LIFT |         |
|--------------|-----------|-----------|----------|---------|
|              | 2020      | 2021      | 2020     | 2021    |
| Tot. Pump    | 365.529   | 420.215   | 369.230  | 418.595 |
| Daily Ave.   | 12.184    | 14.007    | 12.308   | 13.953  |
| Max. Day     | 14.858    | 16.195    | 15.409   | 16.249  |
| Min. Day     | 9.044     | 10.887    | 9.247    | 10.996  |
| By Nat. Gas  | 1.316     | 7.577     | 0.000    | 5.488   |
| Power KWH    | 311,067   | 349,957   | 70,347   | 84,657  |
| Gals/KWH     | 1171      | 1179      | 5249     | 4880    |
| Cost/KWH     | \$0.07397 | \$0.06967 | *****    | *****   |
| Cost/MG      | \$62.95   | \$58.02   | \$14.09  | \$14.09 |
| Tot. Cost/MG | \$114.85  | \$98.94   | *****    | *****   |

| HIGH LIFT DELIVERY QUARTERLY REPORT 2021 |                     |                 |                 |          |
|--|---------------------|-----------------|-----------------|----------|
| I. FIRST QUARTER                         |                     | Jan - Feb - Mar |                 |          |
|  |                     | GALLONS         | COST \$         | \$/MG    |
|  | 2020                | 1,061,714,000   | \$217,156.22    | \$204.53 |
|  | 2021                | 1,055,591,000   | \$181,125.65    | \$171.59 |
|  | Percent Difference  | -0.58%          | -16.59%         | -16.11%  |
| II. SECOND QUARTER                       |                     | Apr - May - Jun |                 |          |
|  |                     | GALLONS         | COST \$         | \$/MG    |
|  | 2020                | 893,284,000     | \$159,034.60    | \$178.03 |
|  | 2021                | 1,115,306,000   | \$168,613.25    | \$151.18 |
|  | Percent Difference  | 24.85%          | 6.02%           | -15.08%  |
| III. THIRD QUARTER                       |                     | Jul - Aug - Sep |                 |          |
|  |                     | GALLONS         | COST \$         | \$/MG    |
|  | 2020                | 1,243,023,000   | \$192,566.59    | \$154.92 |
|  | 2021                | 0               | \$0.00          | #DIV/0!  |
|  | Percent Difference  | -100.00%        | -100.00%        | #DIV/0!  |
| IV. FOURTH QUARTER                       |                     | Oct - Nov - Dec |                 |          |
|  |                     | GALLONS         | COST \$         | \$/MG    |
|  | 2020                | 1,048,003,000   | \$174,953.96    | \$166.94 |
|  | 2021                | 0               | \$0.00          | #DIV/0!  |
|  | Percent Difference  | -100.00%        | -100.00%        | #DIV/0!  |
| YEAR TO DATE : 2021                      |                     |                 |                 |          |
|  |                     | GALLONS         | COST \$         | \$/MG    |
| ELECTRICITY<br>CHEMICALS<br>NATURAL GAS  | 2020                | 4,246,024,000   | \$743,711.37    | \$175.15 |
|  | 2021                | 2,170,897,000   | \$349,738.90    | \$161.10 |
|  | Percent Difference  | -48.87%         | -52.97%         | -8.02%   |
| YEAR TO DATE : 2021                      |                     |                 |                 |          |
| SLUDGE DISPOSAL to WWTP                  |                     | GALLONS         | COST \$         |          |
|  | 2020                | 4,763,025       | \$33,411.14     |          |
|  | 2021                | 1,890,379       | \$17,910.91     |          |
|  | Percent Difference  | -60.31%         | -46.39%         |          |
| STORM WATER CHARGES                      | 2021                | NA              | \$0.00          |          |
| HIGH LIFT SYSTEM DELIVERY :              |                     |                 |                 |          |
|  | Maximum Pumpage Day | 16,195,000      | June 9, 2021    |          |
|  | Minimum Pumpage Day | 7,251,000       | January 1, 2021 |          |

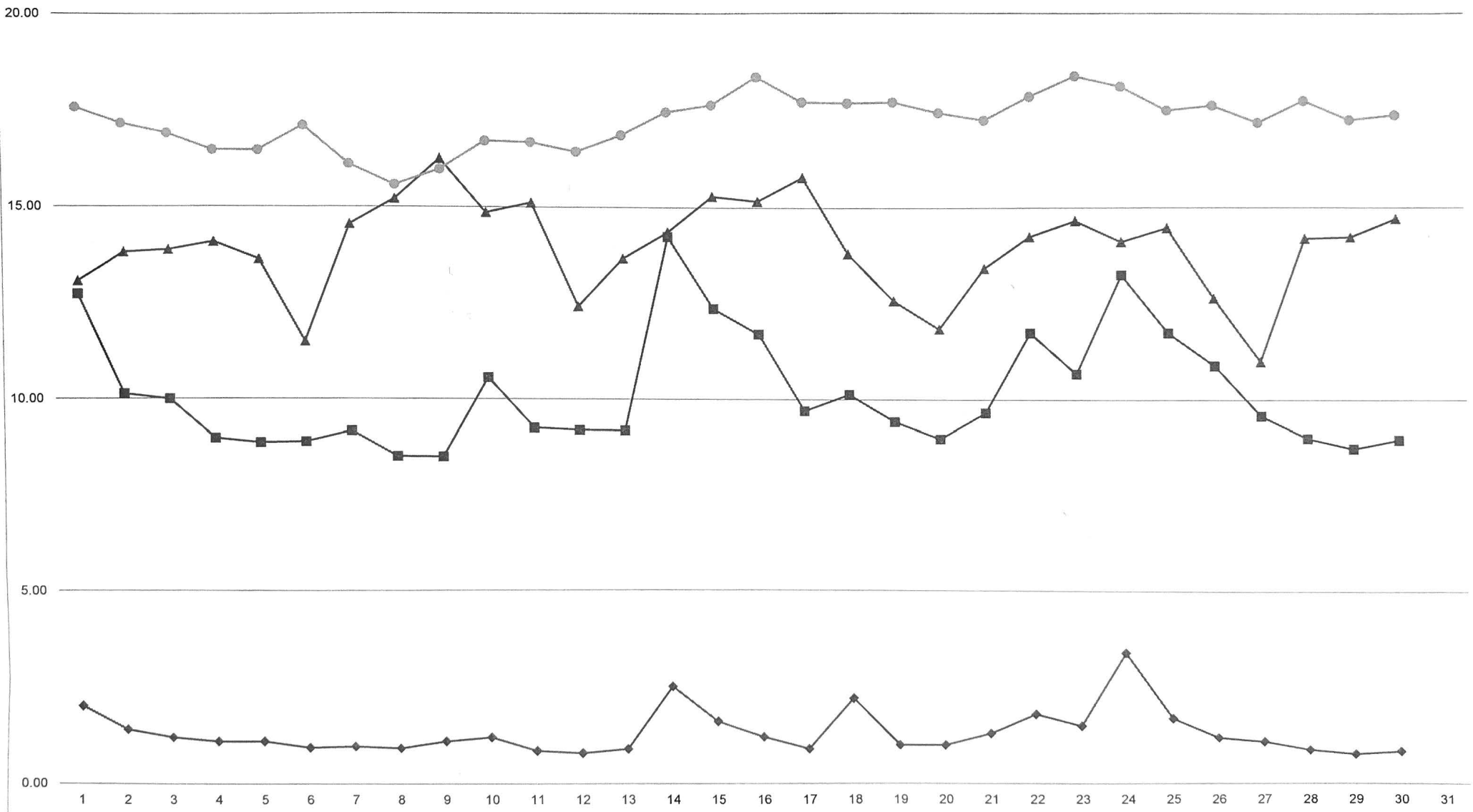
|      | MG            | \$           | \$/MG    |
|------|---------------|--------------|----------|
| 2020 | 4,246,024,000 | \$743,711.37 | \$175.15 |
| 2021 | 2,170,897,000 | \$349,738.90 | \$161.10 |

**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.

### Plant Operations: Expense Report



# June 2021: Sheboygan Water Utility Plant Operations Summary



▲ Flow(MGD)    ■ Alum(lbs/MG)    ● CL2(lbs/MG)    ◆ Raw Turbidity(NTU's)

Scaling  
Alum(X.10)

|   |
|---|
| <b>Filter Plant Maintenance Completed For June 2021</b> |
|---|

| Subject                           | StartDate | EndDate   | Description   |   |
|-----------------------------------|-----------|-----------|---|---|
|                                   |           |           |   | Yellow indicates days operating or running labs |
| Honold                            | 1-Jun-21  |           | Honold parts run for raw sample pump parts  |   |
| Refurbished RAW sample pump       | 1-Jun-21  |           | Installed a refurbished raw sample pump, old pump was leaking and INOP            |   |
| East Effluent sample pump         | 1-Jun-21  |           | Installed a new east basin effluent sample pump                                   |   |
| Tuesday Meeting                   | 1-Jun-21  |           | Raw water improvement, coverage, raw water pump, etc.                             |   |
| Georgia Ave.                      | 1-Jun-21  |           | Check generator, doghouse, and hypo reagents.                                     |   |
| Raw Water Pump                    | 2-Jun-21  |           | Disassemble old pump, locate failure point, and being ordering replacement parts. |   |
| Georgia Ave.                      | 2-Jun-21  |           | Reset pump 3 failure, sweep inside, and check outside.                            |   |
| Menards                           | 2-Jun-21  |           | Purchase filter/sample pumps, inline filter, and strap wrenches.                  |   |
| Erie Ave.                         | 2-Jun-21  |           | Change reagents, run generator, clean, and check grounds.                         |   |
| Install west turbidity meter      | 2-Jun-21  |           | Installed west basin LAZER turbidity meter from filter 11                         |   |
| New turbidity meter filter 11     | 2-Jun-21  |           | New turbidity meter installed on filter 11  |   |
| Georgia station bug spray         | 2-Jun-21  |           | Sprayed bug spray in pump station, ants in building                               |   |
| South Hypo Meters                 | 3-Jun-21  |           | Clean south hypo meters.  |   |
| East NTU Meter                    | 3-Jun-21  |           | Reset east NTU meter parameters.  |   |
| Filter 11 NTU                     | 3-Jun-21  |           | Insulate filter 11 NTU meter plumbing.  |   |
| Coverage Paperwork                | 3-Jun-21  |           | Submit vacation and coverage information.   |   |
| West Basin Hatches                | 3-Jun-21  |           | Check hatches, install new locks, and lube old locks.                             |   |
| Office Chair                      | 3-Jun-21  |           | Repair rolling deficiency.  |   |
| East Hypo Meter                   | 4-Jun-21  |           | Install additional influent stream filter.  |   |
| Truck 6                           | 4-Jun-21  |           | Wash outside and clean interior mats.   |   |
| Raw Water Improvement 90%         | 4-Jun-21  |           | Participate in 90% raw water improvement meeting.                                 |   |
| Erie Ave.                         | 4-Jun-21  |           | Meet Specht electric to diagnose surge protector issue.                           |   |
| 8" Sludge Valve                   | 4-Jun-21  |           | Diagnose 8" sludge valve failure.   |   |
| Backwash Basin                    | 7-Jun-21  |           | Clean backwash basin, remove old flow meter, and cleanout rocks.                  |   |
| Sludge Cycle                      | 7-Jun-21  |           | Sludge cycle for backwash basin cleaning.   |   |
| Begin Installing Sludge Steps     | 7-Jun-21  |           | Remove old steps and being leveling ground for new steps.                         |   |
| Monday Meeting                    | 7-Jun-21  |           | Coverage, sludge valve issue, NTU meter install, etc.                             |   |
| Backwash Basin                    | 7-Jun-21  |           | Move hoses, acquire air monitor, cycle floats, return hoses, etc.                 |   |
| East Alum Day Tank                | 8-Jun-21  |           | Drain, wash, and rinse east alum day tank.  |   |
| Sludge Basin                      | 8-Jun-21  |           | Power wash sludge basin   |   |
| Pump 7 Check                      | 8-Jun-21  |           | Diagnose pump 7 failure to unseat check valve; suspect air in line.               |   |
| Generators and Pump 7             | 8-Jun-21  |           | Monthly operation   |   |
| Sludge Steps                      | 8-Jun-21  |           | Finish mounting sludge basin steps.   |   |
| Dan covering 1st shift operations | 9-Jun-21  | 16-Jun-21 | Dan covering 1st shift operations for Jeff  |   |
| Filter 8                          | 9-Jun-21  |           | Install new manifold insulation and cleanup area.                                 |   |
| Filter 8 NTU Meter Pump           | 9-Jun-21  |           | Install new filter 8 NTU meter pump and hose.                                     |   |
| Filter 8 NTU Meter                | 9-Jun-21  |           | Remove old NTU meter and install new.   |   |
| South Alum Day Tank               | 9-Jun-21  |           | Begin draining South alum day tank for cleaning.                                  |   |
| East Alum Day Tank                | 9-Jun-21  |           | Finish cleaning, and fill East alum day tank.                                     |   |
| Raw Water Pump                    | 10-Jun-21 |           | Rebuild raw water pump.   |   |
| Install East NTU Meter            | 10-Jun-21 |           | Install East NTU meter; laser.  |   |
| Menards                           | 10-Jun-21 |           | Pipe insulation, gloves, tape, etc.   |   |
| Taylor and Georgia                | 10-Jun-21 |           | Change reagents, check grounds, inspect interior, etc.                            |   |
| Wilgus and Horizon                | 10-Jun-21 |           | Check intergr reagents, grounds, etc.   |   |

|                            |           |           |   |
|----------------------------|-----------|-----------|---|
| Health Provider            | 10-Jun-21 |           | Alternative 2021 coverage meeting.  |
| Battery Backups            | 11-Jun-21 |           | Finish installing new batteries, install new UPS, and connect PLCs.                             |
| South Alum Day Tank        | 11-Jun-21 |           | Complete cleaning south alum day tank.  |
| Batteries Plus             | 11-Jun-21 |           | Purchase new battery for low lift panel.  |
| Office Depot               | 11-Jun-21 |           | Purchase new UV battery backup.   |
| South Effluent Hypo Meter  | 14-Jun-21 |           | Clean and calibrate south basin effluent hypo meter.  |
| Filter 10 NTU Insulation   | 14-Jun-21 |           | Install new manifold insulation.  |
| Filter 10 NTU Sample Pump  | 14-Jun-21 |           | Remove old pump, move mount, place new pump, and install new 1/2" hose.                         |
| Filter 10 NTU Meter        | 14-Jun-21 |           | Remove old unit, install new, and setup SCADA communications.                                   |
| Plant Garbage              | 14-Jun-21 |           | Dispose of plant garbage.   |
| Fluoride Transfer Pump     | 14-Jun-21 |           | Diagnose fluoride transfer pump issue; broken tube to be repaired tomorrow.                     |
| Lab Tap Hypo Meter         | 14-Jun-21 |           | Diagnose and repair low flow condition for lab tap hypo meter.                                  |
| Filter Hall Sample Jars    | 15-Jun-21 |           | Clean filter hall sample jars.  |
| New Filter Sample Pumps    | 15-Jun-21 |           | Begin wiring and plumbing three new filter sample pumps; used in NTU meter upgrade.             |
| Filter Sample Pump Flanges | 15-Jun-21 |           | Sandblast and prime filter pump flanges.  |
| Dakota Supply Group        | 15-Jun-21 |           | Order 3/4" pipe, couplings, and purchase 1/2" i.d. vinyl tubing.                                |
| Menards                    | 15-Jun-21 |           | Purchase 3/4" nipples, pump flanges, electrical connectors, etc.                                |
| Fluoride Transfer Pump     | 15-Jun-21 |           | Replace fluoride transfer pump hose.  |
| UVT%                       | 16-Jun-21 |           | Check UVT%, calibrate UVT% analyzers, and change desiccant pack in west unit.                   |
| North Fence                | 16-Jun-21 |           | Repair hole in North fence.   |
| Filter 10 NTU              | 16-Jun-21 |           | Clean filter 10 NTU meter sight glass.  |
| Dan off for coverage       | 17-Jun-21 | 18-Jun-21 | Dan off for coverage  |
| Joshua Covering 1st Shift  | 17-Jun-21 | 17-Jun-21 | Joshua covering 1st shift.  |
| Joshua Covering 3rd Shift  | 18-Jun-21 | 20-Jun-21 | Joshua Covering 3rd Shift for Tyler.  |
| Dan on vacation            | 19-Jun-21 | 21-Jun-21 | Dan on vacation   |
| Joshua Off For Coverage    | 21-Jun-21 | 22-Jun-21 | Joshua off for 3rd shift coverage.  |
| Dan on vacation            | 23-Jun-21 | 23-Jun-21 | Dan on vacation   |
| Collect Vandervart Sample  | 23-Jun-21 |           | 1st attempt at Vandervart water sample collection; didn't have any chlorine residual in sample. |
| Erie Ave.                  | 23-Jun-21 |           | Inspect grounds, check reagents, and collect lab sample.  |
| Georgia Ave.               | 23-Jun-21 |           | Inspect interior, collect sample, etc.  |
| Horizon                    | 23-Jun-21 |           | Collect sample, check reagents, and inspect grounds.  |
| Taylor Hill                | 23-Jun-21 |           | Check grounds, reagents, and collect sample.  |
| Dakota Supply Group        | 23-Jun-21 |           | Pickup 3/4" nipples and check on new sample pump.   |
| South Basin Hypo Meter     | 23-Jun-21 |           | Clean and repair South basin influent meter (ghost pumping).                                    |
| Joshua Covering Lab        | 23-Jun-21 | 24-Jun-21 | Joshua covering lab for Eric.   |
| Dan covering 1st shift     | 24-Jun-21 | 27-Jun-21 | Dan covering 1st shift for Wayne  |
| Joshua Vacation            | 25-Jun-21 | 25-Jun-21 | Joshua sailing queens cup.  |
| Joshua covering 1st shift  | 28-Jun-21 | 1-Jul-21  | Joshua covering 1st shift operations for Wayne  |
| Dan off for coverage       | 28-Jun-21 | 29-Jun-21 | Dan off for coverage  |

R. O. No. 6 - 31 - 21 . By BOARD OF WATER COMMISSIONERS. July 19, 2021.

We, hereby, submit the Board of Water Commissioners' Report on the Water Utility for the second quarter of 2021.

The water pumpage increased 24.85% from the same period in 2020. 1,115,306,000 gallons were pumped in the second quarter 2021, compared to 893,284,000 in 2020. The low pumpage in 2020 was due to less usage during the COVID pandemic.

Year to date Operating Revenue at the end of the second quarter 2021 increased by \$675,779 compared to year to date 2020. The net income for the Utility, as of the end of June, 2021 is \$510,437. Details are shown on the attached Income Statement and Balance Sheet.

Construction-Maintenance:

Construction-maintenance work by the Water Utility during the second quarter of 2021:

|  |        |
|--|--------|
| Number of feet of 4 inch water main installed .....  | 18.6   |
| Number of feet of 6 inch hydrant lead installed .....  | 81.6   |
| Number of feet of 6 inch water main installed .....  | 143.1  |
| Number of feet of 8 inch water main installed .....  | 192.3  |
| Number of feet of 10 inch water main installed .....   | 27.5   |
| Number of feet of 12 inch water main installed .....   | 3115.2 |
| 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.....   | 3460.0 |
| Number of water main breaks repaired .....   | 5      |
| Number of fire hydrants installed, replaced,<br>relocated, removed, flushed, or major repairs made.... | 24     |
| Number of water main valves installed, repaired,<br>removed, or replaced .....                         | 55     |
| Number of water service connections installed .....  | 9      |

Details are shown on the attached reports.

Other Utility Business:

The Raw Water Improvements project reached completion of detailed design. The project was submitted to WI PSC for Construction Authorization and the Utility continues to pursue grants to offset costs on the project. The Utility also completed an application for a Safe Drinking Water loan on the project.

The Utility submitted to WI PSC for a rate study in anticipation of a rate increase. This is intended to offset various expenses increases including funding of the grant portion of the Lead Service Line replacement program.

Water main and lead service line replacement began on Georgia Avenue.

BOARD OF WATER COMMISSIONERS

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Gerald R. Van De Kreeke, President

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Mark J. Smith, Secretary

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Thomas E. Howe, Member

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

WDNR Safe Drinking Water Loan Principal Forgiveness Financial Assistance Agreement  
Lead Service Line Replacement  
Dated July 14, 2021

The Sheboygan Water Utility and Wisconsin Department of Natural Resources (WDNR) entered into a Safe Drinking Water Loan Principal Forgiveness Financial Assistance Agreement on July 14, 2021, in the amount of \$285,000. The FAA provides for 100% principal forgiveness, meaning these funds do not have to be paid back. The funds must be used by December 31, 2021.

WDNR funds will be used to replace lead service lines (LSL) from the curb stop to the meter setting, which are owned by property owners. Replacements are currently being done at the Sheboygan Water Utility's Georgia Avenue project. These funds will also be used for LSL replacements at individual properties where the LSL is leaking, damaged, or disturbed. Sheboygan Water Utility provides grants for 50% of total costs, up to \$2,500, for replacement of LSL. The remaining amount is paid for by the property owner either in full, or with a zero percent interest loan of up to 72 months. The WDNR funds will reimburse the Sheboygan Water Utility for the grant portion provided to property owners.

Date: July 15, 2021  
To: Joe Trueblood, Utility Superintendent  
From: Bill Swearingen, Operations Supervisor  
Subject: SCADA Software Upgrade and PC replacement

The existing SCADA PC computers were installed in 2015: 6 years, going on 7 years old. The Wonderware software is original, dating back to mid-2000s. One SCADA PC computer has failed recently. Ops staff are currently utilizing a loaner SCADA PC provided by Energenecs.

Replacements of the SCADA PC's and upgrade of the Wonderware software is scheduled to occur during the RWI project. But after the recent computer failure and guidance/assessment from Energenecs, it is advised that these units should be replaced sooner rather than later.

I would like to recommend and ask for approval of the replacement/upgrade proposal provided by Energenecs. The proposal is to replace the existing PC's and upgrade the SCADA software to a current software package at T&M not to exceed \$27,030.00. I am advised the reason for the variable cost is labor and that all these upgrades are different for each system. If the work goes well, the cost will be on the low end of range. If work becomes more complicated and time consuming, it would be on the higher end. NOTE: The words "Remote computer" in the proposal, is referring to the computer/touchscreen located at the UV room entrance by the ortho chemical feed area.

The attached proposal includes equipment, programming, and startup of the SCADA equipment and software upgrades.

| <u>Project Items</u>                       | <u>Cost</u>                              |
|--|--|
| Wonderware License                         | \$10,040.00                              |
| SCADA-Control Room<br>(2) PC/Computer      | \$5,825.00                               |
| SCADA-Touchscreen Panel<br>(1) PC/Computer | \$1,445.00                               |
| Labor-installation, programming, startup   | \$6,250.00-\$8,750.00                    |
| Project Management                         | \$625.00                                 |
| Warranty                                   | \$245.00                                 |
| Freight                                    | \$100.00                                 |
|  | Project Total: \$24,530.00 - \$27,030.00 |

Energenecs Proposal Attached.



## Proposal

DATE: June 28, 2021

TO: Mr. Bill Swearingen  
Operations Supervisor  
Sheboygan Water Utility  
72 Park Ave.  
Sheboygan, Wisconsin 53081

billswearingen@sheboyganwater.org  
(pages 4)

OBJECT: Upgrade of existing SCADA computers  
and Wonderware software

Bill,

Energenecs is pleased to offer the following recommendation/proposal to upgrade the Sheboygan Water Utility SCADA computers, and Aveva/Wonderware InTouch SCADA software licenses as you requested.

Our recommendation is to install three new computers running upgraded licenses/versions of Aveva InTouch 2020 (formerly Wonderware InTouch) SCADA software under the WIN10Pro operating system.

It is in the best financial and technical interests of Sheboygan Water Utility to have us perform this upgrade service on a time and materials basis.

If you have any technical questions, please give us a call.

Sincerely,

Brian Akason  
Energenecs  
414-940-1570 mobile  
262-377-6360 office

cc: Brad Mentink  
Nate Wolfe  
Rick Bartelt



Sheboygan Water Utility  
SCADA Computers & Software Upgrade

We can perform the upgrades on a time and materials basis.

The proposal is based on a "not to exceed" cost of \$27,030.00 for the upgrade.

SCADA Computers:

- Two (2) Dell Precision 3650 tower computers, Win10Pro (control room)
- One (1) Dell Optiplex 5090 small form factor computer, WIN10Pro (remote computer)
- Three (3) existing 2,000 and 3,000 tag Aveva/Wonderware SCADA software licenses (serial 979900, 979901, 1593899) all upgraded to Aveva/InTouch 2020 (runtime 3,000 tags with I/O server)
- Energenecs labor to install, verify and field test the software upgrade

Total Project Cost:

- Project cost range: \$24,530.00 to \$27,030.00

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|                                     |                           |
|-------------------------------------|---------------------------|
| • Wonderware License Cost           | \$10,040.00               |
| • Dell Control Room SCADA Computers | \$ 5,825.00               |
| • Remote SCADA Computer             | \$ 1,445.00               |
| • Project Management                | \$ 625.00                 |
| • Dell Control Room SCADA Computers | \$ 6,250.00 to \$8,750.00 |
| • Freight                           | \$ 100.00                 |
| • Warranty                          | \$ 245.00                 |

Proposal Excludes:

- Sales tax
- SCADA computer monitors in control room
- Hope Industrial monitor remains at remote SCADA computer
- Teamviewer software for remote access
- Alarm dialers or alarm dialer software
- Radios or radio upgrades
- Programmable logic controllers (PLCs) or upgrades



## Terms & Conditions

### **PURCHASE ORDER FORMS**

Orders submitted on BUYER'S purchase order forms will be accepted only with the express understanding that no statements, clauses or conditions contained in said order form will be binding on the SELLER if they in any way modify the SELLERS Terms & Conditions of sale.

### **PRICES**

All prices are F.O.B. factory unless expressly stated otherwise. Prices DO NOT include sales, excise, municipal, state or other government taxes.

### **ACCEPTANCE**

Acceptance of a quotation, whether by a separate purchase order or by other means, shall constitute an acknowledgment of the quotation as written and an acceptance of the Terms & Conditions hereof.

### **CREDIT APPROVAL**

The credit terms specified on the face hereof are subject to SELLERS continuing approval of BUYERS credit and if, in SELLERS sole judgment, BUYERS credit or financial standing is so impaired as to cause SELLER in good faith to deem itself insecure, SELLER may withdraw the extension of credit and require other payment terms.

### **FORCE MAJEURE**

Seller will not be liable for failure to deliver or perform, for any delay in the performance of orders or contracts, or in the delivery or shipment of goods, or for any damages suffered by the BUYER by reason of such delay or failure, when such delay or failure is, directly or indirectly, caused by, or in any manner arises from delays of suppliers or carriers or any other cause or causes beyond SELLER'S control.

### **PAYMENT**

95% payment due on shipment of equipment to job site. 5% due on acceptance of the system. Net 30 days on all invoices. 95% payment must be received before start up can be authorized. Any balance owed by BUYER is subject to a 1.5% per month delinquency charge until paid. FIELD STARTUP SERVICE CANNOT BE AUTHORIZED WITHOUT 95% PAYMENT BEING REMITTED TO SELLER IN ADVANCE OF PERFORMING START UP SERVICES. If no startup is required, 100% payment is due net 30 days from invoice date. BUYERS PAYMENT OBLIGATION IS IN NO WAY CONTINGENT UPON BUYERS RECEIPT OF PAYMENT FROM ANY OTHER PARTY. In addition to all other amounts due hereunder, BUYER shall reimburse SELLER in full for all collection costs or charges, including reasonable attorney fees, which SELLER may incur with respect to the collection of past due amounts from BUYER, including interest on overdue accounts. If BUYER is in default under this or any other agreement with SELLER, SELLER may, at their option, defer performance hereunder until such default is cured. SELLER shall have no obligation to provide factory startup assistance and/or factory training until all invoices (including retentions) for equipment have been paid in full.

### **WARRANTY**

SELLER is a system integrator/manufacturer's representative and, as such, our product guaranty(s) and warranty(s) is set forth in the manufacturer's instruction book or operation and maintenance manual that accompanies each product. SELLER does not offer its customers any warranty or guarantee that would impose upon SELLER greater obligations than those imposed by the manufacturers we represent.

SELLER shall not be liable for any incidental or consequential loss, damage or expense arising directly or indirectly from the use of the product. SELLER shall not be liable for any damages or charges for labor or expense in making repairs or adjustments to the product within the warranty period without prior written approval of SELLER. SELLER shall not be liable for any damages or charges sustained in the adaptation or use of its engineering data or services.



SELLER makes no warranties, expressed or implied, except as set forth in such standard Terms & Conditions of sale in this agreement. No claims of any kind shall be greater in amount than the purchase price of the SELLER'S products in respect of which such claims are made. SELLER is not liable in any event hereunder for any consequential, incidental or liquidated damages or penalties. **IN ANY CASE SELLER SHALL NOT BE LIABLE FOR FIELD WORK BY STAFF OTHER THAN THE SELLER UNLESS EXPRESSLY AUTHORIZED IN WRITING, IN ADVANCE, BY THE SELLER. THIS IS IN SPECIFIC REGARD TO BACK CHARGES.**

BUYER agrees to reimburse SELLER for ALL expenses incurred in servicing a warranty request if the cause of the warranty request is determined to be other than a manufacturer's defect or failure of a SELLER supplied component.

**CLAIM PERIODS**

All goods are shipped at the risk of the buyer after they have been delivered by SELLER to the carrier. BUYER shall immediately inspect said equipment upon receipt of equipment and any damage must be noted on the freight carriers bill of lading at time of receipt. SELLER is not liable for any shortages or non-conformance unless notified thereof by BUYER within 10 days after BUYERS receipt of said equipment.

**CHANGES, CANCELLATIONS, RETURNS**

All requests for changes, cancellations and/or returns must have prior written approval and are conditional on manufacturers cancellation/return policies and subject to a restocking and/or service charge for order handling, inspection, reconditioning and repackaging, as required. Authorized returned goods must be packaged and shipped prepaid to manufacturer. Products more than six (6) months old cannot be returned for credit. Terms and conditions stated herein shall also govern and be binding to all BUYER requested/approved change orders.

SELLER shall retain a security interest in the equipment until the full purchase price has been paid. BUYER'S failure to pay any amounts when due shall give SELLER the right to possession and removal of the equipment at any time upon giving at least ten (10) days prior written notice. SELLER'S taking of such possession shall be without prejudice to any other remedies SELLER may have. Title to the equipment shall transfer to the BUYER upon shipment from SELLER.

**SUBMITTAL DRAWINGS & OPERATION/MAINTENANCE MANUALS**

Submittal drawings and operation & maintenance documentation is provided in accordance with plan documents.

**THE SELLER RESERVES THE RIGHT TO REVIEW AND REVISE THIS PROPOSAL AFTER THIRTY DAYS FROM ISSUANCE.**

|  |                  |              |
|--|------------------|--------------|
| By:  | Energenecs, Inc. | Brian Akason |
| <b>I accept this proposal and all terms thereof:</b> |                  |              |
| Accepted:  |                  |              |
| Title:   |                  |              |
| Date:  |                  | PO #:        |
|  |                  |              |

# REQUISITION

SHEBOYGAN WATER UTILITY

REQUISITION DATE 07/19/2021

VENDOR: BADGER METER INC  
 4545 W BROWN DEER RD  
 P. O. BOX 245036  
 MILWAUKEE WI 53224

SHIP TO 72 Park Ave Sheboygan WI 53081

DATE REQUESTED BY 07/20/2021

REQUISITION NO. 4811

| QTY   | ITEM # | INVENTORY # | DESCRIPTION   | UNIT PRICE   | TOTAL PRICE      |
|-------|--------|-------------|---|--------------|------------------|
| 120   |        |             | M25 Plastic disc meter 5/8" x 7 1/2"--5/8" bore, bare               | 53.89        | 6,466.80         |
| 120   |        |             | M25 Plastic disc meter 5/8" x 3/4" x 7 1/2"--3/4" bore, bare        | 53.89        | 6,466.80         |
| 2     |        |             | 3" E Series, round (3" x 17"), Cu/Ft w/Orion ME twist tight connect | 1,746.02     | 3,492.04         |
| 2     |        |             | 3" E Series, round (3" x 12"), Cu/Ft w/Orion ME twist tight connect | 1,717.72     | 3,435.44         |
|       |        |             | Total Freight \Misc   |              |                  |
| NOTE: |        |             |   | <b>TOTAL</b> | <b>19,861.08</b> |

CALL IN PURCHASE ORDER NUMBER \_\_\_\_\_  
 PHONE NO. 800-616-3837

PREPARED BY Davew

FAX PURCHASE ORDER \_\_\_\_\_  
 FAX NUMBER: 888-371-5982

REQUESTED BY DW

SEND ORIGINAL PURCHASE ORDER TO VENDOR \_\_\_\_\_

APPROVED BY

ALREADY ORDERED

JULY 19, 2021

REQUEST TO WRITE OFF PAST DUE OR BANKRUPTCY BALANCES

| ACCOUNT NUMBER   | NAME                    | WRITE OFF ACTION/DESCRIPTION                                  | DATE OF BANKRUPTCY NOTICE | DISCHARGE DATE | TOTAL AMOUNT       | WATER              | SEWER              | GARBAGE FEES     | RECYCLE FEES     |
|------------------|-------------------------|---|---------------------------|----------------|--------------------|--------------------|--------------------|------------------|------------------|
| 1 68-073-00-03   | Townsend, Sherese       | Discharged  | 3/1/2021                  | 6/7/2021       | 188.96             | 63.34              | 97.72              | 15.50            | 12.40            |
| 2 50-183-00-01   | Wolff, Patricia M.      | Discharged  | 10/2/2020                 | 1/15/2021      | 123.88             | 29.36              | 52.34              | 23.43            | 18.75            |
| 3 96-119-00-02   | Bourdeau, Robert & Jill | Beyond statute of limitations for collection                  | Collections               | 2/26/2021      | 93.14              | 34.42              | 43.22              | 15.50            | -                |
| 4 999-284-00-00  | Meverden, Daniel F      | Beyond statute of limitations for collection - hydrant damage | Collections               | 6/30/2021      | 3,003.30           | 3,003.30           | -                  | -                | -                |
| 5 999-278-00-00  | PSE Investments         | Beyond statute of limitations for collection - stolen meter   | Collections               | 4/30/2021      | 251.24             | 251.24             | -                  | -                | -                |
| 6 97-049-00-00   | Sommersberger, Michael  | Deceased  | Deceased                  | 5/18/2020      | 449.94             | 105.53             | 229.44             | 66.04            | 48.93            |
| 7 96-025-00-00   | Martin, Steve           | Deceased  | Deceased                  | 10/13/2020     | 312.24             | 80.06              | 156.58             | 42.00            | 33.60            |
| 8 97-147-00-00   | Wickman, Charles Jr.    | Deceased  | Collections               | 11/30/2020     | 105.73             | 18.54              | 70.27              | 16.92            | -                |
| 9 97-312-00-00   | Kaufman, Mark           | Deceased  | Deceased                  | 8/12/2020      | 180.34             | 53.55              | 91.81              | 19.43            | 15.55            |
| 10 999-422-00-00 | Klinzing, Randal        | Charge from previous owner not billed to new owner            | n/a                       | 11/4/2020      | 57.55              | 57.55              | -                  | -                | -                |
| 11 77-311-00-08  | Batt, Barbara & Donald  | Discharged  | 4/14/2021                 | 7/13/21        | 772.60             | 296.94             | 407.16             | 38.00            | 30.50            |
|                  |                         |   |                           |                | <b>\$ 5,538.92</b> | <b>\$ 3,993.83</b> | <b>\$ 1,148.54</b> | <b>\$ 236.82</b> | <b>\$ 159.73</b> |

\_\_\_\_\_  
 Superintendent Approval

\_\_\_\_\_  
 Commissioner Approval

\_\_\_\_\_  
 Commissioner Approval

\_\_\_\_\_  
 Commissioner Approval