

CITY OF MAYVILLE

**WATER UTILITY
&
WASTEWATER UTILITY**

MARCH 7, 2023



**WATER & WASTEWATER COMMISSION
REGULAR MEETING AGENDA
Tuesday, March 7, 2023- 4:00 PM
City Hall**

**REVISED AGENDA
(A Quorum of Commission Members May be Present)**

- A. Call to Order and Roll Call
- B. Citizens Comments
Citizen Comments are to be kept to a maximum of five minutes per speaker unless the chairperson allows an extension of time. Each citizen is to make comments at the podium after stating name and address. Each citizen may comment only one time per public hearing / meeting.
- C. Approve Consent Agenda.
 - a. Minutes of February 7, 2023 Commission Meeting
 - b. Water Utility Bills
 - c. Wastewater Utility Bills
- D. Discussion and possible action regarding bid received for well #4 rehabilitation and construction.
- E. Presentation and discussion regarding wastewater facilities planning by MSA Professional Services.
- F. Water Report.
 - a. Well & Distribution System Report/Discussion
- G. Wastewater Report.
 - a. Sewer System Report/Discussion
- H. Discussion and possible action regarding Veolia (formerly Utility Service Company) well contracts.
- I. Discussion and possible regarding industrial limits for mercury.
- J. Adjournment.

Next scheduled meeting is April 11th, 2023; 4:00 PM at Mayville City Hall.

Please note dated is changed due to elections

Burt Bushke
Commission President

NOTE: Persons with disabilities requiring special accommodations for attendance at the meeting should contact City Hall at least one (1) business day prior to the meeting This agenda was posted and made available to the news media in compliance with the open meeting law.

The meeting was called to order at 4:00 p.m. by Commissioner Pasbrig with the following roll call:

Members Present: Commissioners Engel, Frings, Lodahl, Alderperson Bob Smith Alderperson's Roger Smith

Members Absent: Commissioner Bushke

Others Present: DeBaker, Nichole; Courtney Steger, Tim Gutjahr, Greg Droessler, Town and Country Engineering

CITIZEN COMMENTS

None

CONSENT AGENDA

Motion by Commissioner Lodahl, second by Commissioner Frings to approve the Consent Agendas for January 10, 2023 and Minutes of December 6, 2023. Motion passed 6-0.

WATER REPORT

We had a water main break surface on 4th St on 1/22/23. The leak had taken a while to surface to due following clear stone to the creek. Limestone debris surfaced at the creek entrance to the river near the plant.

Contract work took place for iron filters through Veolia. We are working with this company on alternating schedules for rebuilds and will have some information for next month's meeting regarding contractual obligations and changes to well contracts.

Well #4 is posted for bidding.

The partial galvanized service that was found during a meter change last month has been replaced. I received permission from the DNR to use funding for this partial replacement.

WASTEWATER REPORT

Our intern started 2/2 from Moraine Park and will be working on both water and wastewater projects.

Mike Pasbrig passed general wastewater and collections system and now hold a DNR Operator license.

Our lab passed state lab of hygiene proficiency testing.

We met with personnel from Seneca to review processes and operational parameters. We believe we've cleared up all issues related to higher chloride discharges.

Leroy- Kekoskee lift station had a pump rail separate from the bracket and drop the pump. Sabel rebuilt the structure as well as performed annual maintenance on all lift stations.

Alley St, Treatment Plant Upgrades and Muzzy and Allen St projects have all been accepted by CFWP and placed on project priority listings.

We'll be meeting with MSA to discuss a few final plans for facilities planning and we should see them in March for presentation.

Mercury testing for December was of concern to us. Influent numbers were lower than effluent. The lab reran these numbers. We don't have an explanation for this at this point.

UPDATE REGARDING WELL #4 PLANNING AND RECONSTRUCTION.

Greg Droessler reported the bids are now open. He said currently the bid conditions are not favorable for municipalities, contractors are bidding out more for the private sector. He said bids are due by the 23rd and will come back next month with results.

DISCUSSION AND POSSIBLE ACTION REGARDING QUOTES FOR 2023 SANITARY SEWER TELEVISIONING.

Discussion held regarding proposals for 2023 Sanitary Sewer Televisioning.

Motion by Alderpersons Bob Smith, second by Commissioner Frings to approve Visual Sewer's proposal for CIPP Lining and Manhole rehabilitation. Motion passed 6-0.

CLOSED SESSION

Convene into Closed Session Pursuant to Section 19.85 (1) (c) considering employment, promotion, compensation, or performance evaluation data of any public employee over which the governmental body has jurisdiction or exercises responsibility.

Motion by Alderperson's Bob Smith, second by Commissioner Engel to go into Closed Session at 4:32 pm. Motion passed unanimously.

Discussion and possible action regarding Wastewater personnel six-month review

Motion by Alderperson's Smith, second by Commissioner Engel to reconvene into open session at 4:35 pm. Motion passed unanimously.

Motion by Alderperson's Bob Smith, second by Roger Smith to increase Wastewater personnel's pay \$0.50. Motion passed 6-0.

ADJOURNMENT

Motion by Commissioner Frings, second by Commissioner Lodahl to adjourn at 4:36p.m. Motion passed unanimously.

Nichole DeBaker, Utility Accountant

CITY OF MAYVILLE

SUMMARY OF CASH POSITION BY FUND
AS OF JANUARY 31, 2023

| | THIS MONTH | LAST MONTH | CHANGE |
|--------------------------------|---------------------|---------------------|------------------|
| (60) WATER FUND | | | |
| TREASURER'S CHECKING | 2,650,432.31 | 2,625,323.99 | 25,108.32 |
| INVESTMENTS-AMERICAN 15 MO CD | .00 | .00 | .00 |
| INVESTMENTS-WU CD | .00 | .00 | .00 |
| INVESTMENTS-DEBT SERVICE RESER | .00 | .00 | .00 |
| INVESTMENTS-DS RESERVE MSB | .00 | .00 | .00 |
| INVESTMENTS-DS RESERVE MSB MM | .00 | .00 | .00 |
| INVESTMENTS-STATE FUNDS #14 | .00 | .00 | .00 |
| INVESTMENTS-STATE FUNDS #2 | .00 | .00 | .00 |
| INVESTMENTS-BANKONE ASSET MGMT | .00 | .00 | .00 |
| TSB-WATER UTILITY MONEY MARKET | 643,996.87 | 642,251.35 | 1,745.52 |
| INVESTMENTS-STATE FUNDS #4 | .00 | .00 | .00 |
| INVESTMENTS-RESERVED | .00 | .00 | .00 |
| TSB-WATER REDEMPTION MONEY MAR | 62,132.77 | 61,964.36 | 168.41 |
| TSB-WATER IMPACT FEES MONEY MA | 1,156.43 | 1,153.30 | 3.13 |
| M&I WATER REDEMPTION CD | .00 | .00 | .00 |
| FBB-WATER UTILITY CD | .00 | .00 | .00 |
| FBB-WATER DEPRECIATION CD | .00 | .00 | .00 |
| TSB-WATER DEPRECIATION MM | 196,039.84 | 195,508.49 | 531.35 |
| M&I-WATER CD | .00 | .00 | .00 |
| MSB-WATER UTILITY CD | .00 | .00 | .00 |
| PETTY CASH & CHANGE BOX | 175.00 | 175.00 | .00 |
| CASH RECEIPTS CLEARING | 1,250.20 | 1,250.20 | .00 |
| ADVANCE TO WASTEWATER UTILITY | .00 | .00 | .00 |
| TOTAL (60) WATER FUND | 3,555,183.42 | 3,527,626.69 | 27,556.73 |
| (61) SEWER FUND | | | |
| TREASURER'S CHECKING | 956,409.74 | 894,407.31 | 62,002.43 |
| INVESTMENTS-BANKONE ASSET MGMT | .00 | .00 | .00 |
| TSB-SEWER REPLACEMENT MM | 1,177,294.88 | 1,174,103.89 | 3,190.99 |
| INVESTMENTS-STATE FUNDS #10 | .00 | .00 | .00 |
| INVESTMENTS-STATE FUNDS #3 | .00 | .00 | .00 |
| TSB-SEWER RESERVE MONEY MARKET | 1,114.54 | 1,111.52 | 3.02 |
| INVESTMENTS-STATE FUNDS #5 | .00 | .00 | .00 |
| SEWER UTILITY RESERVE CD | .00 | .00 | .00 |
| TSB-SEWER UTILITY MONEY MARKET | 341,164.33 | 340,239.62 | 924.71 |
| FBB-SEWER UTILITY CD | .00 | .00 | .00 |
| FBB-SEWER DEPRECIATION CD | .00 | .00 | .00 |
| INVESTMENTS-STATE FUNDS #9 | .00 | .00 | .00 |
| FBB-SEWER REDEMPTION CD | .00 | .00 | .00 |
| FBB-SEWER CONNECTIONS CD | .00 | .00 | .00 |
| TSB-SEWER DEPRECIATION MM | .00 | .00 | .00 |
| TSB-SEWER REDEMPTION MONEY MM | 64,238.84 | 64,064.72 | 174.12 |
| TSB-SEWER CONNECTIONS MM | 247,123.03 | 246,453.22 | 669.81 |
| PETTY CASH & CHANGE BOX | 175.00 | 175.00 | .00 |
| TOTAL (61) SEWER FUND | 2,787,520.36 | 2,720,555.28 | 66,965.08 |
| TOTAL CASH - ALL FUNDS | 6,342,703.78 | 6,248,181.97 | 94,521.81 |

CITY OF MAYVILLE
 REVENUES WITH COMPARISON TO BUDGET
 FOR THE 1 MONTHS ENDING JANUARY 31, 2023

(61) SEWER FUND

| | PERIOD ACTUA | YTD ACTUAL | BUDGET | UNEARNED | PCNT |
|---|-------------------|-------------------|---------------------|---------------------|-------------|
| PUBLIC CHARGES FOR SERVICES | | | | | |
| 61-46410-65-011-631 | 454.93 | 454.93 | 4,960.00 | 4,505.07 | 9.2 |
| 61-46410-65-021-622 | 54,172.45 | 54,172.45 | 717,900.00 | 663,727.55 | 7.6 |
| 61-46410-65-022-622 | 17,041.00 | 17,041.00 | 195,251.00 | 178,210.00 | 8.7 |
| 61-46410-65-023-622 | 37,071.85 | 37,071.85 | 481,196.00 | 444,124.15 | 7.7 |
| 61-46410-65-024-622 | 2,725.20 | 2,725.20 | 35,000.00 | 32,274.80 | 7.8 |
| 61-46410-65-025-624 | 5,083.14 | 5,083.14 | 74,000.00 | 68,916.86 | 6.9 |
| 61-46410-65-026-635 | .00 | .00 | 1,200.00 | 1,200.00 | .0 |
| 61-46410-65-027-635 | .00 | .00 | 6,500.00 | 6,500.00 | .0 |
| TOTAL PUBLIC CHARGES FOR SERVI | 116,548.57 | 116,548.57 | 1,516,007.00 | 1,399,458.43 | 7.7 |
| INTEREST INCOME & MISC | | | | | |
| 61-48110-66-000-419 | 4,962.65 | 4,962.65 | 15,000.00 | 10,037.35 | 33.1 |
| TOTAL INTEREST INCOME & MISC | 4,962.65 | 4,962.65 | 15,000.00 | 10,037.35 | 33.1 |
| TOTAL FUND REVENUE | 121,511.22 | 121,511.22 | 1,531,007.00 | 1,409,495.78 | 7.9 |

CITY OF MAYVILLE
 EXPENDITURES WITH COMPARISON TO BUDGET
 FOR THE 1 MONTHS ENDING JANUARY 31, 2023

(61) SEWER FUND

| | PERIOD ACTUA | YTD ACTUAL | BUDGET | UNEXPENDED | PCNT |
|--------------------------------|--------------|------------|-----------|------------|------|
| 61-53610-65-102-840 | 952.40 | 952.40 | 12,200.00 | 11,247.60 | 7.8 |
| BILL/COLLECT/ACCTG -WAGES | | | | | |
| 61-53610-65-102-842 | 562.96 | 562.96 | 7,000.00 | 6,437.04 | 8.0 |
| METER READING-WAGES | | | | | |
| 61-53610-65-305-840 | 467.74 | 467.74 | 4,000.00 | 3,532.26 | 11.7 |
| BILL/COLLECT/ACCTG-POSTAGE | | | | | |
| 61-53610-65-314-840 | .00 | .00 | 1,500.00 | 1,500.00 | .0 |
| BILL/COLLECT/ACCT-SUPPLIES OFF | | | | | |
| TOTAL CUSTOMER ACCT EXP | 1,983.10 | 1,983.10 | 24,700.00 | 22,716.90 | 8.0 |

CITY OF MAYVILLE
 EXPENDITURES WITH COMPARISON TO BUDGET
 FOR THE 1 MONTHS ENDING JANUARY 31, 2023

(61) SEWER FUND

| | PERIOD ACTUA | YTD ACTUAL | BUDGET | UNEXPENDED | PCNT |
|---------------------|--------------|------------|------------|------------|------|
| 61-53610-66-101-850 | 2,800.80 | 2,800.80 | 34,320.00 | 31,519.20 | 8.2 |
| 61-53610-66-102-850 | 952.40 | 952.40 | 11,669.00 | 10,716.60 | 8.2 |
| 61-53610-66-102-856 | 788.49 | 788.49 | 5,361.00 | 4,572.51 | 14.7 |
| 61-53610-66-201-854 | 1,438.49 | 1,438.49 | 19,135.00 | 17,696.51 | 7.5 |
| 61-53610-66-203-854 | 1,265.87 | 1,265.87 | 15,220.00 | 13,954.13 | 8.3 |
| 61-53610-66-204-854 | 3,841.87 | 3,841.87 | 77,253.00 | 73,411.13 | 5.0 |
| 61-53610-66-205-854 | 19.96 | 19.96 | 650.00 | 630.04 | 3.1 |
| 61-53610-66-206-856 | .00 | .00 | 500.00 | 500.00 | .0 |
| 61-53610-66-208-854 | 222.79 | 222.79 | 3,113.00 | 2,890.21 | 7.2 |
| 61-53610-66-210-854 | 33.38 | 33.38 | 400.00 | 366.62 | 8.4 |
| 61-53610-66-211-854 | 245.18 | 245.18 | 22,210.00 | 21,964.82 | 1.1 |
| 61-53610-66-212-856 | .00 | .00 | 900.00 | 900.00 | .0 |
| 61-53610-66-213-854 | 661.36 | 661.36 | 7,873.00 | 7,211.64 | 8.4 |
| 61-53610-66-214-854 | 2,578.96 | 2,578.96 | 9,447.00 | 6,868.04 | 27.3 |
| 61-53610-66-218-854 | 79.56 | 79.56 | 500.00 | 420.44 | 15.9 |
| 61-53610-66-280-854 | .00 | .00 | 75.00 | 75.00 | .0 |
| 61-53610-66-302-856 | .00 | .00 | 350.00 | 350.00 | .0 |
| 61-53610-66-303-856 | 80.00 | 80.00 | 750.00 | 670.00 | 10.7 |
| 61-53610-66-304-851 | 44.99 | 44.99 | 900.00 | 855.01 | 5.0 |
| 61-53610-66-305-851 | .00 | .00 | 950.00 | 950.00 | .0 |
| 61-53610-66-306-856 | .00 | .00 | 250.00 | 250.00 | .0 |
| 61-53610-66-310-851 | .00 | .00 | 1,500.00 | 1,500.00 | .0 |
| 61-53610-66-313-403 | .00 | .00 | 436,000.00 | 436,000.00 | .0 |
| 61-53610-66-314-851 | 935.68 | 935.68 | 1,200.00 | 264.32 | 78.0 |
| 61-53610-66-315-852 | .00 | .00 | 2,500.00 | 2,500.00 | .0 |
| 61-53610-66-316-852 | .00 | .00 | 15,000.00 | 15,000.00 | .0 |
| 61-53610-66-317-852 | .00 | .00 | 15,000.00 | 15,000.00 | .0 |
| 61-53610-66-327-851 | 2,236.36 | 2,236.36 | 7,000.00 | 4,763.64 | 32.0 |
| 61-53610-66-334-853 | 2,495.34 | 2,495.34 | 14,086.00 | 11,590.66 | 17.7 |
| 61-53610-66-335-853 | 638.34 | 638.34 | 3,603.00 | 2,964.66 | 17.7 |
| 61-53610-66-336-853 | 404.22 | 404.22 | 2,282.00 | 1,877.78 | 17.7 |
| 61-53610-66-352-852 | .00 | .00 | 42,000.00 | 42,000.00 | .0 |
| 61-53610-66-353-427 | .00 | .00 | 32,000.00 | 32,000.00 | .0 |
| 61-53610-66-387-854 | 1,249.00 | 1,249.00 | 7,050.00 | 5,801.00 | 17.7 |
| 61-53610-66-902-852 | .00 | .00 | 6,500.00 | 6,500.00 | .0 |

CITY OF MAYVILLE
 EXPENDITURES WITH COMPARISON TO BUDGET
 FOR THE 1 MONTHS ENDING JANUARY 31, 2023

(61) SEWER FUND

| | PERIOD ACTUA | YTD ACTUAL | BUDGET | UNEXPENDED | PCNT |
|--|--------------|------------|------------|------------|------|
| TOTAL ADMIN & GENERAL EXP | 23,013.04 | 23,013.04 | 797,547.00 | 774,533.96 | 2.9 |
| 61-53610-67-102-820 SUPERVISION & LABOR WAGES | 823.50 | 823.50 | 24,240.00 | 23,416.50 | 3.4 |
| 61-53610-67-102-828 TRANSPORTATION EXP WAGES | 11.68 | 11.68 | 2,000.00 | 1,988.32 | .6 |
| 61-53610-67-103-820 SUPERVISION & LABOR WAGES OT | 607.24 | 607.24 | 9,872.00 | 9,264.76 | 6.2 |
| 61-53610-67-107-820 SUPERVISION & LABOR STANDBY | 557.50 | 557.50 | 7,433.00 | 6,875.50 | 7.5 |
| 61-53610-67-303-827 OTH OPERATING REGISTRATION FEE | .00 | .00 | 4,850.00 | 4,850.00 | .0 |
| 61-53610-67-317-827 OTH OPERATING PROFESSIONAL | .00 | .00 | 500.00 | 500.00 | .0 |
| 61-53610-67-319-827 OTH OPER CONTRACTED SLUDGE | .00 | .00 | 163,500.00 | 163,500.00 | .0 |
| 61-53610-67-322-827 OTH OPER UTILITIES WATER/SEWER | 387.27 | 387.27 | 5,200.00 | 4,812.73 | 7.5 |
| 61-53610-67-323-822 POWER/FUEL AERATION ELECTRIC | 10,866.54 | 10,866.54 | 107,250.00 | 96,383.46 | 10.1 |
| 61-53610-67-324-827 OTHER OPER UTILITIES NAT GAS | 7,310.12 | 7,310.12 | 30,000.00 | 22,689.88 | 24.4 |
| 61-53610-67-325-827 OTH OPER - SUPPLIES OPERATING | 365.96 | 365.96 | 12,650.00 | 12,284.04 | 2.9 |
| 61-53610-67-331-828 TRANSPORT SUPPLIES VEHICLES | 25.25 | 25.25 | 2,300.00 | 2,274.75 | 1.1 |
| 61-53610-67-364-824 OPERATING EXPENSE-PHOS REM CH | .00 | .00 | 57,200.00 | 57,200.00 | .0 |
| 61-53610-67-386-828 TRANSPORT EXP SUPPLIES GAS/OIL | .00 | .00 | 4,000.00 | 4,000.00 | .0 |
| TOTAL OPERATING EXPENSE | 20,955.06 | 20,955.06 | 430,995.00 | 410,039.94 | 4.9 |

CITY OF MAYVILLE
 EXPENDITURES WITH COMPARISON TO BUDGET
 FOR THE 1 MONTHS ENDING JANUARY 31, 2023

(61) SEWER FUND

| | PERIOD ACTUA | YTD ACTUAL | BUDGET | UNEXPENDED | PCNT |
|---------------------------|--------------|------------|--------------|--------------|------|
| 61-53610-68-102-831 | 931.26 | 931.26 | 6,800.00 | 5,868.74 | 13.7 |
| 61-53610-68-102-832 | 420.79 | 420.79 | 4,500.00 | 4,079.21 | 9.4 |
| 61-53610-68-102-833 | 2,421.38 | 2,421.38 | 33,656.00 | 31,234.62 | 7.2 |
| 61-53610-68-102-834 | 562.11 | 562.11 | 16,500.00 | 15,937.89 | 3.4 |
| 61-53610-68-102-835 | .00 | .00 | 250.00 | 250.00 | .0 |
| 61-53610-68-103-831 | 18.38 | 18.38 | 500.00 | 481.62 | 3.7 |
| 61-53610-68-103-832 | .00 | .00 | 600.00 | 600.00 | .0 |
| 61-53610-68-103-833 | 53.26 | 53.26 | 1,200.00 | 1,146.74 | 4.4 |
| 61-53610-68-103-834 | .00 | .00 | 270.00 | 270.00 | .0 |
| 61-53610-68-317-831 | .00 | .00 | 3,500.00 | 3,500.00 | .0 |
| 61-53610-68-317-832 | 1,418.61 | 1,418.61 | 12,000.00 | 10,581.39 | 11.8 |
| 61-53610-68-317-834 | 1,843.25 | 1,843.25 | 14,500.00 | 12,656.75 | 12.7 |
| 61-53610-68-319-833 | .00 | .00 | 16,000.00 | 16,000.00 | .0 |
| 61-53610-68-321-834 | 153.21 | 153.21 | 2,300.00 | 2,146.79 | 6.7 |
| 61-53610-68-325-831 | .00 | .00 | 13,500.00 | 13,500.00 | .0 |
| 61-53610-68-325-834 | 75.00 | 75.00 | 6,500.00 | 6,425.00 | 1.2 |
| 61-53610-68-327-833 | 41.55 | 41.55 | 25,000.00 | 24,958.45 | .2 |
| 61-53610-68-359-832 | 55.42 | 55.42 | 3,500.00 | 3,444.58 | 1.6 |
| 61-53610-68-412-835 | .00 | .00 | 1,500.00 | 1,500.00 | .0 |
| 61-53610-68-414-831 | .00 | .00 | 12,800.00 | 12,800.00 | .0 |
| TOTAL MAINTENANCE EXPENSE | 7,994.22 | 7,994.22 | 175,376.00 | 167,381.78 | 4.6 |
| 61-53610-69-102-820 | 3,439.27 | 3,439.27 | 49,920.00 | 46,480.73 | 6.9 |
| 61-53610-69-103-820 | 58.38 | 58.38 | 3,804.00 | 3,745.62 | 1.5 |
| 61-53610-69-317-827 | 1,600.00 | 1,600.00 | .00 | (1,600.00) | .0 |
| 61-53610-69-383-827 | 1,405.60 | 1,405.60 | .00 | (1,405.60) | .0 |
| TOTAL LAB EXPENSES | 6,503.25 | 6,503.25 | 53,724.00 | 47,220.75 | 12.1 |
| TOTAL FUND EXPENDITURES | 60,448.67 | 60,448.67 | 1,482,342.00 | 1,421,893.33 | 4.1 |

CITY OF MAYVILLE
 EXPENDITURES WITH COMPARISON TO BUDGET
 FOR THE 1 MONTHS ENDING JANUARY 31, 2023

(61) SEWER FUND

| | PERIOD ACTUA | YTD ACTUAL | BUDGET | UNEXPENDED | PCNT |
|-------------------------------|--------------|------------|-----------|--------------|-------|
| NET REVENUE OVER EXPENDITURES | 61,062.55 | 61,062.55 | 48,665.00 | (12,397.55) | 125.5 |

CITY OF MAYVILLE
 REVENUES WITH COMPARISON TO BUDGET
 FOR THE 1 MONTHS ENDING JANUARY 31, 2023

(60) WATER FUND

| | PERIOD ACTUA | YTD ACTUAL | BUDGET | UNEARNED | PCNT |
|---|------------------|------------------|---------------------|---------------------|-------------|
| PUBLIC CHARGES FOR SERVICES | | | | | |
| 60-46450-65-001-470 | 364.18 | 364.18 | 2,400.00 | 2,035.82 | 15.2 |
| 60-46450-65-011-461 | 35,942.64 | 35,942.64 | 449,653.00 | 413,710.36 | 8.0 |
| 60-46450-65-012-461 | 6,383.21 | 6,383.21 | 70,396.00 | 64,012.79 | 9.1 |
| 60-46450-65-013-461 | 11,086.17 | 11,086.17 | 193,076.00 | 181,989.83 | 5.7 |
| 60-46450-65-014-462 | 2,947.99 | 2,947.99 | 36,436.00 | 33,488.01 | 8.1 |
| 60-46450-65-015-461 | 3,672.72 | 3,672.72 | 45,264.00 | 41,591.28 | 8.1 |
| 60-46450-65-015-463 | 30,675.93 | 30,675.93 | 364,352.00 | 333,676.07 | 8.4 |
| 60-46450-65-016-464 | 1,275.89 | 1,275.89 | 17,510.00 | 16,234.11 | 7.3 |
| 60-46450-65-017-474 | .00 | .00 | 6,200.00 | 6,200.00 | .0 |
| 60-46450-65-018-474 | 75.00 | 75.00 | 1,200.00 | 1,125.00 | 6.3 |
| TOTAL PUBLIC CHARGES FOR SERVI | 92,423.73 | 92,423.73 | 1,186,487.00 | 1,094,063.27 | 7.8 |
| INTEREST INCOME & MISC | | | | | |
| 60-48110-66-000-419 | 2,448.41 | 2,448.41 | 5,000.00 | 2,551.59 | 49.0 |
| 60-48900-66-000-421 | .00 | .00 | 6,200.00 | 6,200.00 | .0 |
| TOTAL INTEREST INCOME & MISC | 2,448.41 | 2,448.41 | 11,200.00 | 8,751.59 | 21.9 |
| TOTAL FUND REVENUE | 94,872.14 | 94,872.14 | 1,197,687.00 | 1,102,814.86 | 7.9 |

CITY OF MAYVILLE
 EXPENDITURES WITH COMPARISON TO BUDGET
 FOR THE 1 MONTHS ENDING JANUARY 31, 2023

(60) WATER FUND

| | PERIOD ACTUA | YTD ACTUAL | BUDGET | UNEXPENDED | PCNT |
|------------------------|--------------|------------|------------|------------|------|
| 60-53800-61-102-600 | 1,098.69 | 1,098.69 | 9,500.00 | 8,401.31 | 11.6 |
| 60-53800-61-102-605 | 685.56 | 685.56 | 2,000.00 | 1,314.44 | 34.3 |
| 60-53800-61-103-600 | 185.28 | 185.28 | 4,500.00 | 4,314.72 | 4.1 |
| 60-53800-61-103-605 | .00 | .00 | 100.00 | 100.00 | .0 |
| 60-53800-61-319-605 | .00 | .00 | 2,500.00 | 2,500.00 | .0 |
| 60-53800-61-325-605 | .00 | .00 | 1,500.00 | 1,500.00 | .0 |
| TOTAL SOURCE OF SUPPLY | 1,969.53 | 1,969.53 | 20,100.00 | 18,130.47 | 9.8 |
| 60-53800-62-102-620 | 254.62 | 254.62 | 1,650.00 | 1,395.38 | 15.4 |
| 60-53800-62-102-625 | 60.32 | 60.32 | 1,250.00 | 1,189.68 | 4.8 |
| 60-53800-62-103-620 | .00 | .00 | 800.00 | 800.00 | .0 |
| 60-53800-62-317-625 | 1,344.00 | 1,344.00 | 48,000.00 | 46,656.00 | 2.8 |
| 60-53800-62-323-622 | 5,340.11 | 5,340.11 | 47,850.00 | 42,509.89 | 11.2 |
| 60-53800-62-324-622 | 1,522.30 | 1,522.30 | 6,500.00 | 4,977.70 | 23.4 |
| 60-53800-62-325-625 | .00 | .00 | 200.00 | 200.00 | .0 |
| TOTAL PUMPING EXPENSE | 8,521.35 | 8,521.35 | 106,250.00 | 97,728.65 | 8.0 |
| 60-53800-63-102-630 | 577.44 | 577.44 | 12,000.00 | 11,422.56 | 4.8 |
| 60-53800-63-102-635 | 30.16 | 30.16 | 3,500.00 | 3,469.84 | .9 |
| 60-53800-63-103-630 | .00 | .00 | 600.00 | 600.00 | .0 |
| 60-53800-63-317-635 | 155.08 | 155.08 | 6,900.00 | 6,744.92 | 2.3 |
| 60-53800-63-325-632 | .00 | .00 | 2,000.00 | 2,000.00 | .0 |
| 60-53800-63-327-635 | 41.55 | 41.55 | 4,500.00 | 4,458.45 | .9 |
| 60-53800-63-364-631 | 891.65 | 891.65 | 4,500.00 | 3,608.35 | 19.8 |
| 60-53800-63-371-631 | .00 | .00 | 4,200.00 | 4,200.00 | .0 |
| TOTAL WATER TREATMENT | 1,695.88 | 1,695.88 | 38,200.00 | 36,504.12 | 4.4 |

CITY OF MAYVILLE
 EXPENDITURES WITH COMPARISON TO BUDGET
 FOR THE 1 MONTHS ENDING JANUARY 31, 2023

(60) WATER FUND

| | PERIOD ACTUA | YTD ACTUAL | BUDGET | UNEXPENDED | PCNT |
|-------------------------|--------------|------------|------------|------------|------|
| 60-53800-64-102-640 | 2,250.00 | 2,250.00 | 32,000.00 | 29,750.00 | 7.0 |
| 60-53800-64-102-650 | 35.03 | 35.03 | 2,275.00 | 2,239.97 | 1.5 |
| 60-53800-64-102-651 | 136.36 | 136.36 | 2,200.00 | 2,063.64 | 6.2 |
| 60-53800-64-102-652 | 30.16 | 30.16 | 4,820.00 | 4,789.84 | .6 |
| 60-53800-64-102-653 | 1,349.60 | 1,349.60 | 1,870.00 | 520.40 | 72.2 |
| 60-53800-64-102-654 | 47.34 | 47.34 | 400.00 | 352.66 | 11.8 |
| 60-53800-64-103-640 | 88.76 | 88.76 | 1,200.00 | 1,111.24 | 7.4 |
| 60-53800-64-103-650 | .00 | .00 | 250.00 | 250.00 | .0 |
| 60-53800-64-103-651 | 157.61 | 157.61 | 1,200.00 | 1,042.39 | 13.1 |
| 60-53800-64-103-652 | .00 | .00 | 280.00 | 280.00 | .0 |
| 60-53800-64-107-640 | 557.50 | 557.50 | 6,833.00 | 6,275.50 | 8.2 |
| 60-53800-64-317-650 | .00 | .00 | 4,000.00 | 4,000.00 | .0 |
| 60-53800-64-319-641 | 1,783.00 | 1,783.00 | 39,000.00 | 37,217.00 | 4.6 |
| 60-53800-64-322-641 | 1,479.99 | 1,479.99 | 15,500.00 | 14,020.01 | 9.6 |
| 60-53800-64-325-641 | .00 | .00 | 1,900.00 | 1,900.00 | .0 |
| 60-53800-64-410-651 | .00 | .00 | 47,000.00 | 47,000.00 | .0 |
| 60-53800-64-411-652 | .00 | .00 | 5,000.00 | 5,000.00 | .0 |
| 60-53800-64-412-653 | 59.66 | 59.66 | 6,000.00 | 5,940.34 | 1.0 |
| 60-53800-64-413-654 | .00 | .00 | 16,000.00 | 16,000.00 | .0 |
| TOTAL TRANS & DISTRIBTN | 7,975.01 | 7,975.01 | 187,728.00 | 179,752.99 | 4.3 |
| 60-53800-65-102-901 | 180.96 | 180.96 | 1,250.00 | 1,069.04 | 14.5 |
| 60-53800-65-102-902 | 952.40 | 952.40 | 14,250.00 | 13,297.60 | 6.7 |
| 60-53800-65-305-903 | 467.73 | 467.73 | 4,000.00 | 3,532.27 | 11.7 |
| 60-53800-65-314-903 | .00 | .00 | 1,500.00 | 1,500.00 | .0 |
| TOTAL CUSTOMER ACCT EXP | 1,601.09 | 1,601.09 | 21,000.00 | 19,398.91 | 7.6 |

CITY OF MAYVILLE
 EXPENDITURES WITH COMPARISON TO BUDGET
 FOR THE 1 MONTHS ENDING JANUARY 31, 2023

(60) WATER FUND

| | PERIOD ACTUA | YTD ACTUAL | BUDGET | UNEXPENDED | PCNT |
|-------------------------------|--------------|------------|------------|------------|-------|
| 60-53800-66-101-920 | 2,800.80 | 2,800.80 | 39,500.00 | 36,699.20 | 7.1 |
| ADM/GEN-ADMIN/GEN-SALARY | | | | | |
| 60-53800-66-102-920 | 952.40 | 952.40 | 12,500.00 | 11,547.60 | 7.6 |
| ADM/GEN-WAGES REG | | | | | |
| 60-53800-66-102-930 | 271.44 | 271.44 | 5,000.00 | 4,728.56 | 5.4 |
| ADM/GEN-MISC GEN-WAGES REG | | | | | |
| 60-53800-66-102-933 | .00 | .00 | 500.00 | 500.00 | .0 |
| ADM/GEN-TRANSPORTATION-WAGES | | | | | |
| 60-53800-66-102-935 | 470.78 | 470.78 | 9,500.00 | 9,029.22 | 5.0 |
| ADM/GEN-MAINT GEN PLANT-WAGES | | | | | |
| 60-53800-66-103-930 | .00 | .00 | 100.00 | 100.00 | .0 |
| ADM/GEN-MISC GEN-WAGES OT | | | | | |
| 60-53800-66-201-408 | 1,043.67 | 1,043.67 | 11,679.00 | 10,635.33 | 8.9 |
| ADM/GEN-FICA & MEDICARE | | | | | |
| 60-53800-66-203-926 | 913.35 | 913.35 | 11,989.00 | 11,075.65 | 7.6 |
| ADM/GEN-RETIREMENT | | | | | |
| 60-53800-66-204-926 | 3,849.18 | 3,849.18 | 61,983.00 | 58,133.82 | 6.2 |
| ADM/GEN-HEALTH INSURANCE | | | | | |
| 60-53800-66-205-926 | 30.89 | 30.89 | 503.00 | 472.11 | 6.1 |
| ADM/GEN-LIFE INSURANCE | | | | | |
| 60-53800-66-206-930 | .00 | .00 | 250.00 | 250.00 | .0 |
| ADM/GEN-MISC GEN-EDUCATION | | | | | |
| 60-53800-66-208-926 | 218.00 | 218.00 | 4,099.00 | 3,881.00 | 5.3 |
| ADM/GEN-DENTAL INSURANCE | | | | | |
| 60-53800-66-210-926 | 31.84 | 31.84 | 300.00 | 268.16 | 10.6 |
| ADM/GEN-VISION INSURANCE | | | | | |
| 60-53800-66-211-926 | 276.95 | 276.95 | 250.00 | (26.95) | 110.8 |
| ADM/GEN-SICK LEAVE PAYOUT | | | | | |
| 60-53800-66-212-930 | .00 | .00 | 900.00 | 900.00 | .0 |
| ADM/GEN-BOARDS & COMMITTEES | | | | | |
| 60-53800-66-213-926 | 241.28 | 241.28 | 7,337.00 | 7,095.72 | 3.3 |
| ADM/GEN-VACATION | | | | | |
| 60-53800-66-214-926 | 723.84 | 723.84 | 7,489.00 | 6,765.16 | 9.7 |
| ADM/GEN-HOLIDAY PAY | | | | | |
| 60-53800-66-218-926 | 48.89 | 48.89 | 350.00 | 301.11 | 14.0 |
| ADM/GEN-SHORT TERM DISABILITY | | | | | |
| 60-53800-66-280-926 | .00 | .00 | 120.00 | 120.00 | .0 |
| ADM/GEN-FSA ADMIN FEES | | | | | |
| 60-53800-66-302-930 | 480.00 | 480.00 | 1,000.00 | 520.00 | 48.0 |
| ADM/GEN-MEMBERSHIPS | | | | | |
| 60-53800-66-303-930 | .00 | .00 | 1,000.00 | 1,000.00 | .0 |
| ADM/GEN-REGISTRATION FEES | | | | | |
| 60-53800-66-304-921 | 45.00 | 45.00 | 900.00 | 855.00 | 5.0 |
| ADM/GEN-TELEPHONE | | | | | |
| 60-53800-66-305-921 | .00 | .00 | 950.00 | 950.00 | .0 |
| ADM/GEN-POSTAGE | | | | | |
| 60-53800-66-306-930 | .00 | .00 | 250.00 | 250.00 | .0 |
| ADM/GEN-TRAVEL EMPLOYEE | | | | | |
| 60-53800-66-310-930 | .00 | .00 | 1,500.00 | 1,500.00 | .0 |
| ADM/GEN-PUBLICATION NOTICES | | | | | |
| 60-53800-66-313-403 | .00 | .00 | 255,000.00 | 255,000.00 | .0 |
| ADM/GEN-DEPRECIATION | | | | | |
| 60-53800-66-313-404 | .00 | .00 | 28,250.00 | 28,250.00 | .0 |
| ADM/GEN-DEPRECIATION CIAC | | | | | |
| 60-53800-66-314-921 | 935.67 | 935.67 | 1,200.00 | 264.33 | 78.0 |
| ADM/GEN-OFFICE SUPPLIES | | | | | |
| 60-53800-66-315-923 | .00 | .00 | 2,500.00 | 2,500.00 | .0 |
| ADM/GEN-LEGAL SERVICES | | | | | |
| 60-53800-66-316-923 | .00 | .00 | 15,000.00 | 15,000.00 | .0 |
| ADM/GEN-ACCOUNTING/AUDIT | | | | | |
| 60-53800-66-317-923 | 99.95 | 99.95 | 5,000.00 | 4,900.05 | 2.0 |
| ADM/GEN-CONTRACTED SERVICES | | | | | |
| 60-53800-66-317-930 | .00 | .00 | 2,700.00 | 2,700.00 | .0 |
| ADM/GEN-PROFESSIONAL SERVICES | | | | | |
| 60-53800-66-319-923 | .00 | .00 | 1,500.00 | 1,500.00 | .0 |
| ADM/GEN-CONTRACTED SERVICES | | | | | |
| 60-53800-66-319-935 | 406.48 | 406.48 | 2,500.00 | 2,093.52 | 16.3 |
| ADM/GEN-MAINT GEN-CONTRACTED | | | | | |
| 60-53800-66-321-935 | 107.32 | 107.32 | 2,300.00 | 2,192.68 | 4.7 |
| ADM/GEN-JANITORIAL SUPPLIES | | | | | |

CITY OF MAYVILLE
 EXPENDITURES WITH COMPARISON TO BUDGET
 FOR THE 1 MONTHS ENDING JANUARY 31, 2023

(60) WATER FUND

| | PERIOD ACTUA | YTD ACTUAL | BUDGET | UNEXPENDED | PCNT |
|-------------------------------|--------------|------------|--------------|--------------|-------|
| 60-53800-66-325-935 | 131.81 | 131.81 | 2,700.00 | 2,568.19 | 4.9 |
| 60-53800-66-327-921 | 2,236.35 | 2,236.35 | 7,000.00 | 4,763.65 | 32.0 |
| 60-53800-66-331-933 | 537.88 | 537.88 | 2,000.00 | 1,462.12 | 26.9 |
| 60-53800-66-334-924 | 1,415.12 | 1,415.12 | 7,988.00 | 6,572.88 | 17.7 |
| 60-53800-66-335-933 | 322.19 | 322.19 | 1,819.00 | 1,496.81 | 17.7 |
| 60-53800-66-336-924 | 404.22 | 404.22 | 2,282.00 | 1,877.78 | 17.7 |
| 60-53800-66-341-428 | .00 | .00 | 12,000.00 | 12,000.00 | .0 |
| 60-53800-66-353-427 | .00 | .00 | 35,000.00 | 35,000.00 | .0 |
| 60-53800-66-386-933 | .00 | .00 | 2,100.00 | 2,100.00 | .0 |
| 60-53800-66-387-924 | 1,249.00 | 1,249.00 | 7,050.00 | 5,801.00 | 17.7 |
| 60-53800-66-392-408 | .00 | .00 | 200,000.00 | 200,000.00 | .0 |
| 60-53800-66-902-935 | .00 | .00 | 6,500.00 | 6,500.00 | .0 |
| TOTAL ADMIN & GENERAL | 20,244.30 | 20,244.30 | 782,338.00 | 762,093.70 | 2.6 |
| TOTAL FUND EXPENDITURES | 42,007.16 | 42,007.16 | 1,155,616.00 | 1,113,608.84 | 3.6 |
| NET REVENUE OVER EXPENDITURES | 52,864.98 | 52,864.98 | 42,071.00 | (10,793.98) | 125.7 |

| Vendor Name | Description | Invoice Number | Invoice Date | Amount Paid | Voided |
|---|------------------------------------|----------------|--------------|-------------|--------|
| 60-16000-00-000-150 MATERIALS & SUPPLIES | | | | | |
| FERGUSON WATERWORKS #1476 | 1" CORP- INVENTORY | 369261 | 02/01/2023 | 245.73 | |
| Total 60-16000-00-000-150 MATERIALS & SUPPLIES: | | | | 245.73 | |
| 60-18005-00-100-107 CONSTRUCTION WORK IN PROGRESS | | | | | |
| BAKER TILLY US LLP | 2023 WATER RATE STUDY- WELL #4 | BT2301517 | 01/31/2023 | 4,200.00 | |
| KUNKEL ENGINEERING GROUP LL | 2023 UTILITY IMPROVE PROJECTS | 259597 | 01/18/2023 | 3,303.52 | |
| TOWN & COUNTRY ENGINEERING I | WELL 4 ENGINEERING | 24890 | 01/28/2023 | 19,372.50 | |
| Total 60-18005-00-100-107 CONSTRUCTION WORK IN PROGRESS: | | | | 26,876.02 | |
| 60-53800-62-317-625 PUMP-MAINT PLANT-OTHER PROF | | | | | |
| AMAZON CAPITAL SERVICES | SCADA UPS BATTERIES | 1FTP-C34P-1FLL | 02/13/2023 | 88.09 | |
| Total 60-53800-62-317-625 PUMP-MAINT PLANT-OTHER PROF: | | | | 88.09 | |
| 60-53800-62-323-622 PUMP-UTILITIES ELECTRIC | | | | | |
| ALLIANT ENERGY/WP&L | 4501260000 WELL #5 & LS ELECTRIC W | 450126 FEB23 | 02/10/2023 | 1,623.73 | |
| ALLIANT ENERGY/WP&L | 7029710000 WELL #4 ELECTRIC | 702971 FEB23 | 02/10/2023 | 92.90 | |
| ALLIANT ENERGY/WP&L | 7366540000 WELL #2 ELECTRIC | 736654 FEB23 | 02/10/2023 | 1,784.27 | |
| ALLIANT ENERGY/WP&L | 7646300000 ELEVATED TANK- TOWER DR | 76463 FEB23 | 02/10/2023 | 35.45 | |
| ALLIANT ENERGY/WP&L | 9119000000 WELL #3 ELECTRIC | 9119 FEB23 | 02/10/2023 | 2,122.68 | |
| ALLIANT ENERGY/WP&L | 9425710000 ELECTRIC | 942571 FEB23 | 02/10/2023 | 37.22 | |
| Total 60-53800-62-323-622 PUMP-UTILITIES ELECTRIC: | | | | 5,696.25 | |
| 60-53800-62-324-622 PUMP-UTILITIES NATURAL GAS | | | | | |
| ALLIANT ENERGY/WP&L | 4501260000 WELL #5 & LS GAS W | 450126 FEB23 | 02/10/2023 | 373.58 | |
| ALLIANT ENERGY/WP&L | 7029710000 WELL #4 GAS | 702971 FEB23 | 02/10/2023 | 279.07 | |
| ALLIANT ENERGY/WP&L | 7366540000 WELL #2 GAS | 736654 FEB23 | 02/10/2023 | 510.23 | |
| ALLIANT ENERGY/WP&L | 9119000000 WELL #3 GAS | 9119 FEB23 | 02/10/2023 | 345.12 | |
| Total 60-53800-62-324-622 PUMP-UTILITIES NATURAL GAS: | | | | 1,508.00 | |
| 60-53800-63-317-635 TREAT-MAINT PLANT-PROFESSIONAL | | | | | |
| BMO HARRIS BANK NA | UTILITIES 6136 - USPS | 06639Q | 01/24/2023 | 30.90 | |
| NORTHERN LAKE SERVICE INC | MG TESTING | 2300857 | 02/02/2023 | 90.82 | |
| Total 60-53800-63-317-635 TREAT-MAINT PLANT-PROFESSIONAL: | | | | 121.72 | |
| 60-53800-63-325-632 TREAT-OPER-SUPPLIES | | | | | |
| BMO HARRIS BANK NA | UTILITIES 6136 - USPS | 06780J | 01/09/2023 | 28.65 | |
| Total 60-53800-63-325-632 TREAT-OPER-SUPPLIES: | | | | 28.65 | |
| 60-53800-63-364-631 TREAT-CHEM-CHLORINE | | | | | |
| MARTELLE WATER TREATMENT IN | CHLORINE/ HMO | 24634 | 01/25/2023 | 779.77 | |
| MARTELLE WATER TREATMENT IN | CHLORINE | 24705 | 02/14/2023 | 636.44 | |
| Total 60-53800-63-364-631 TREAT-CHEM-CHLORINE: | | | | 1,416.21 | |
| 60-53800-63-371-631 TREAT-CHEM-HMO | | | | | |
| MARTELLE WATER TREATMENT IN | CHLORINE/ HMO | 24634 | 01/25/2023 | 599.92 | |
| Total 60-53800-63-371-631 TREAT-CHEM-HMO: | | | | 599.92 | |

| Vendor Name | Description | Invoice Number | Invoice Date | Amount Paid | Voided |
|--|--|-------------------|--------------|-------------|--------|
| 60-53800-64-325-641 TRANS-OPERATING-SUPPLIES | | | | | |
| US CELLULAR CORPORATION | #320040129 UTILITY-W | JAN 2023 | 01/26/2023 | 32.38 | |
| MIDWEST METER INC | PORT ADAPTER | 151718-IN | 02/13/2023 | 88.59 | |
| AMAZON CAPITAL SERVICES | UTILITIES SUPPLIES | 194L-VYMN-7R6C | 01/18/2023 | 250.31 | |
| Total 60-53800-64-325-641 TRANS-OPERATING-SUPPLIES: | | | | 371.28 | |
| 60-53800-64-413-654 TRANS-MAINT HYDRANTS-REPAIRS | | | | | |
| AMAZON CAPITAL SERVICES | UTILITIES SUPPLIES | 167H-HMYR-QNX3 | 02/20/2023 | 15.10 | |
| AMAZON CAPITAL SERVICES | UTILITIES SUPPLIES- REFUND | 167H-HMYR-QNX3 | 02/20/2023 | .15- | |
| Total 60-53800-64-413-654 TRANS-MAINT HYDRANTS-REPAIRS: | | | | 14.95 | |
| 60-53800-66-303-930 ADM/GEN-REGISTRATION FEES | | | | | |
| BMO HARRIS BANK NA | UTILITIES 6136 - TRAINING 60 | 5GT75773H49139939 | 01/23/2023 | 40.00 | |
| Total 60-53800-66-303-930 ADM/GEN-REGISTRATION FEES: | | | | 40.00 | |
| 60-53800-66-304-921 ADM/GEN-TELEPHONE | | | | | |
| AT&T - INTERNET & LOCAL | #920 387-7900 381 2 WASTEWATER | 2023 JAN | 02/02/2023 | 8.72 | |
| CHARTER COMMUNICATIONS | #8245 11 088 0054072 UTILITY2 INTERNET | 54072020123 | 02/01/2023 | 44.99 | |
| Total 60-53800-66-304-921 ADM/GEN-TELEPHONE: | | | | 53.71 | |
| 60-53800-66-314-921 ADM/GEN-OFFICE SUPPLIES | | | | | |
| BMO HARRIS BANK NA | FINANCE 6227 - ALL IN ONE POSTER CO | 229731 | 01/07/2023 | 14.17 | |
| AMAZON CAPITAL SERVICES | MAP STORAGE | 19L1-G3M3-749T | 02/15/2023 | 7.75 | |
| AMAZON CAPITAL SERVICES | UTILITIES SUPPLIES | 1GNF-77HM-1C3R | 02/07/2023 | 15.51 | |
| AMAZON CAPITAL SERVICES | UTILITIES SUPPLIES | 1JWL-K39F-L4XD | 01/12/2023 | 17.48 | |
| AMAZON CAPITAL SERVICES | UTILITIES SUPPLIES | 1LC3-YXK9-34T1 | 02/14/2023 | 19.94 | |
| AMAZON CAPITAL SERVICES | UTILITIES SUPPLIES | 1N3R-PQMF-9YGT | 02/09/2023 | 32.03 | |
| Total 60-53800-66-314-921 ADM/GEN-OFFICE SUPPLIES: | | | | 106.88 | |
| 60-53800-66-315-923 ADM/GEN-LEGAL SERVICES | | | | | |
| MADDEN LAW GROUP | PSC FOREVER FUND REVIEW | 13760 | 01/24/2023 | 227.50 | |
| MADDEN LAW GROUP | PSC APPLICATION LEGAL | 13812 | 02/15/2023 | 210.00 | |
| Total 60-53800-66-315-923 ADM/GEN-LEGAL SERVICES: | | | | 437.50 | |
| 60-53800-66-316-923 ADM/GEN-ACCOUNTING/AUDIT | | | | | |
| BAKER TILLY US LLP | #3225 - PROFESSIONAL SERVICES | BT2254856 | 11/29/2022 | 2,265.50 | |
| BAKER TILLY US LLP | PROFESSIONAL SERVICES W | BT2301517 | 01/31/2023 | 785.00 | |
| Total 60-53800-66-316-923 ADM/GEN-ACCOUNTING/AUDIT: | | | | 3,050.50 | |
| 60-53800-66-317-930 ADM/GEN-PROFESSIONAL SERVICES | | | | | |
| MCHS OCCUPATIONAL HEALTH | DRUG TEST UTILITY 930 | 3764-3327 | 01/31/2023 | 62.00 | |
| Total 60-53800-66-317-930 ADM/GEN-PROFESSIONAL SERVICES: | | | | 62.00 | |
| 60-53800-66-319-935 ADM/GEN-MAINT GEN-CONTRACTED | | | | | |
| HORICON HARDWARE HANK | UTILITIES - SUPPLIES 60 | 1236011 | 01/31/2023 | 67.48 | |
| Total 60-53800-66-319-935 ADM/GEN-MAINT GEN-CONTRACTED: | | | | 67.48 | |
| 60-53800-66-321-935 ADM/GEN-JANITORIAL SUPPLIES | | | | | |
| DARYL J TONN PEST CONTROL LL | PEST CONTROL - GENERAL PLANT-W | FEB 2023 | 02/09/2023 | 15.83 | |

| Vendor Name | Description | Invoice Number | Invoice Date | Amount Paid | Voided |
|---|----------------------------------|----------------|--------------|-------------|--------|
| AMAZON CAPITAL SERVICES | UTILITIES SUPPLIES | 194L-VYMN-7R6C | 01/18/2023 | 31.29 | |
| AMAZON CAPITAL SERVICES | UTILITIES SUPPLIES | 1GNF-77HM-1C3R | 02/07/2023 | 21.98 | |
| Total 60-53800-66-321-935 ADM/GEN-JANITORIAL SUPPLIES: | | | | 69.10 | |
| 60-53800-66-325-935 ADM/GEN-MAINT GEN-SUPPLIES | | | | | |
| FASTENAL COMPANY | LOCK/KEYS | WIHOR201935 | 01/31/2023 | 50.64 | |
| MENARDS INC - BEAVER DAM | WOOL LS/ CLARK TOWER STEPS | 9520 | 01/26/2023 | 56.00 | |
| AMAZON CAPITAL SERVICES | UTILITIES SUPPLIES | 194L-VYMN-7R6C | 01/18/2023 | 19.78 | |
| AMAZON CAPITAL SERVICES | UTILITIES SUPPLIES | 1LHP-RXRT-3TJG | 02/22/2023 | 44.49 | |
| Total 60-53800-66-325-935 ADM/GEN-MAINT GEN-SUPPLIES: | | | | 170.91 | |
| 60-53800-66-327-921 ADM/GEN-OFFICE SUPPLIES-EQUIP | | | | | |
| BADGER METER INC | BECON MBL HOSTING SERV UNIT W | 80119207 | 01/30/2023 | 42.96 | |
| Total 60-53800-66-327-921 ADM/GEN-OFFICE SUPPLIES-EQUIP: | | | | 42.96 | |
| 60-53800-66-334-924 INSURANCE BUILDINGS | | | | | |
| EMC INSURANCE COMPANIES | WATER PROPERTY | 7000813644 | 02/04/2023 | 707.37 | |
| Total 60-53800-66-334-924 INSURANCE BUILDINGS: | | | | 707.37 | |
| 60-53800-66-335-933 INSURANCE-VEHICLES | | | | | |
| EMC INSURANCE COMPANIES | WATER VEHICLES | 7000813644 | 02/04/2023 | 161.05 | |
| Total 60-53800-66-335-933 INSURANCE-VEHICLES: | | | | 161.05 | |
| 60-53800-66-336-924 INSURANCE PUBLIC LIABILITY | | | | | |
| EMC INSURANCE COMPANIES | WATER PUBLIC LIABILITY | 7000813644 | 02/04/2023 | 202.05 | |
| Total 60-53800-66-336-924 INSURANCE PUBLIC LIABILITY: | | | | 202.05 | |
| 60-53800-66-354-456 ADM/GEN-LEAD LATERAL REIMBURSE | | | | | |
| BERNHARD PLUMBING INC | LEAD/GAL REPLACEMENT- 253 S MAIN | 23551 | 01/31/2023 | 640.03 | |
| Total 60-53800-66-354-456 ADM/GEN-LEAD LATERAL REIMBURSE: | | | | 640.03 | |
| 60-53800-66-386-933 ADM/GEN-SUPPLIES GAS/OIL/ETC | | | | | |
| KWIK TRIP INC | #272441 WATER GAS CHARGES | JAN 23 | 01/31/2023 | 301.54 | |
| Total 60-53800-66-386-933 ADM/GEN-SUPPLIES GAS/OIL/ETC: | | | | 301.54 | |
| 60-53800-66-387-924 INSURANCE-WORKERS COMP | | | | | |
| EMC INSURANCE COMPANIES | WATER WORKERS COMP | 7000813644 | 02/04/2023 | 624.33 | |
| Total 60-53800-66-387-924 INSURANCE-WORKERS COMP: | | | | 624.33 | |
| Grand Totals: | | | | 43,704.23 | |

| Vendor Name | Description | Invoice Number | Invoice Date | Amount Paid | Voided |
|--|---------------------------------------|-------------------|--------------|-------------|--------|
| 61-18005-00-000-107 CONSTRUCTION WORK IN PROGRESS | | | | | |
| KUNKEL ENGINEERING GROUP LL | 2023 UTILITY IMPROVE PROJECTS | 259597 | 01/18/2023 | 3,303.52 | |
| Total 61-18005-00-000-107 CONSTRUCTION WORK IN PROGRESS: | | | | 3,303.52 | |
| 61-53610-66-303-856 MISC GEN REGISTRATION FEES | | | | | |
| BMO HARRIS BANK NA | UTILITIES 6136 - TRAINING 61 | 03938J | 01/05/2023 | 55.00 | |
| BMO HARRIS BANK NA | UTILITIES 6136 - TRAINING 61 | 03938J | 01/05/2023 | 6.35 | |
| BMO HARRIS BANK NA | UTILITIES 6136 - TRAINING 61 | 2023 JAN TRAINING | 01/05/2023 | 6.35 | |
| BMO HARRIS BANK NA | UTILITIES 6136 - TRAINING 61 | 2023 JAN TRAINING | 01/05/2023 | 110.00 | |
| BMO HARRIS BANK NA | UTILITIES 6136 - DNR TESTING | 5270903 | 01/06/2023 | 80.00 | |
| BMO HARRIS BANK NA | UTILITIES 6136 - TRAINING 61 | 5GT75773H49139939 | 01/23/2023 | 40.00 | |
| Total 61-53610-66-303-856 MISC GEN REGISTRATION FEES: | | | | 297.70 | |
| 61-53610-66-304-851 OFFICE SUPPLIES/EXP TELEPHONE | | | | | |
| AT&T - INTERNET & LOCAL | #920 387-7900 381 2 WATER | 2023 JAN | 02/02/2023 | 8.72 | |
| CHARTER COMMUNICATIONS | #8245 11 088 0054072 UTILITY INTERNET | 54072020123 | 02/01/2023 | 45.00 | |
| Total 61-53610-66-304-851 OFFICE SUPPLIES/EXP TELEPHONE: | | | | 53.72 | |
| 61-53610-66-314-851 OFFICE-SUPPLIES OFFICE | | | | | |
| BMO HARRIS BANK NA | FINANCE 6227 - ALL IN ONE POSTER CO | 229731 | 01/07/2023 | 14.16 | |
| AMAZON CAPITAL SERVICES | MAP STORAGE | 19L1-G3M3-749T | 02/15/2023 | 7.76 | |
| AMAZON CAPITAL SERVICES | UTILITIES SUPPLIES | 1GNF-77HM-1C3R | 02/07/2023 | 15.51 | |
| AMAZON CAPITAL SERVICES | UTILITIES SUPPLIES | 1JWL-K39F-L4XD | 01/12/2023 | 17.48 | |
| AMAZON CAPITAL SERVICES | UTILITIES SUPPLIES | 1LC3-YXK9-34T1 | 02/14/2023 | 19.95 | |
| AMAZON CAPITAL SERVICES | UTILITIES SUPPLIES | 1N3R-PQMF-9YGT | 02/09/2023 | 32.03 | |
| Total 61-53610-66-314-851 OFFICE-SUPPLIES OFFICE: | | | | 106.89 | |
| 61-53610-66-316-852 OUTSIDE SERV ACCOUNTING/AUDIT | | | | | |
| BAKER TILLY US LLP | #3225 - PROFESSIONAL SERVICES | BT2254856 | 11/29/2022 | 2,265.50 | |
| BAKER TILLY US LLP | PROFESSIONAL SERVICES WW | BT2301517 | 01/31/2023 | 785.00 | |
| Total 61-53610-66-316-852 OUTSIDE SERV ACCOUNTING/AUDIT: | | | | 3,050.50 | |
| 61-53610-66-317-856 MISC GEN PROFESSIONAL SERV | | | | | |
| MCHS OCCUPATIONAL HEALTH | DRUG TEST UTILITY 856 | 3764-3327 | 01/31/2023 | 62.00 | |
| Total 61-53610-66-317-856 MISC GEN PROFESSIONAL SERV: | | | | 62.00 | |
| 61-53610-66-327-851 OFFICE - SUPPLIES EQUIPMENT | | | | | |
| BADGER METER INC | BECON MBL HOSTING SERV UNIT WW | 80119207 | 01/30/2023 | 42.96 | |
| Total 61-53610-66-327-851 OFFICE - SUPPLIES EQUIPMENT: | | | | 42.96 | |
| 61-53610-66-334-853 INSURANCE BUILDINGS | | | | | |
| EMC INSURANCE COMPANIES | WW PROPERTY | 7000813644 | 02/04/2023 | 1,247.32 | |
| Total 61-53610-66-334-853 INSURANCE BUILDINGS: | | | | 1,247.32 | |
| 61-53610-66-335-853 INSURANCE VEHICLES | | | | | |
| EMC INSURANCE COMPANIES | WW VEHICLES | 7000813644 | 02/04/2023 | 319.08 | |
| Total 61-53610-66-335-853 INSURANCE VEHICLES: | | | | 319.08 | |

| Vendor Name | Description | Invoice Number | Invoice Date | Amount Paid | Voided |
|---|---|------------------|--------------|-------------|--------|
| 61-53610-66-336-853 INSURANCE PUBLIC LIABILITY | | | | | |
| EMC INSURANCE COMPANIES | WW PUBLIC LIABILITY | 7000813644 | 02/04/2023 | 202.05 | |
| Total 61-53610-66-336-853 INSURANCE PUBLIC LIABILITY: | | | | 202.05 | |
| 61-53610-66-387-854 PENSION/BENEFIT WKRS COMP INS | | | | | |
| EMC INSURANCE COMPANIES | WW WORKERS COMP | 7000813644 | 02/04/2023 | 624.34 | |
| Total 61-53610-66-387-854 PENSION/BENEFIT WKRS COMP INS: | | | | 624.34 | |
| 61-53610-67-319-827 OTH OPER CONTRACTED SLUDGE | | | | | |
| BADGER STATE WASTE LLC | SLUDGE HAULING | 3781 | 02/06/2023 | 18,537.98 | |
| Total 61-53610-67-319-827 OTH OPER CONTRACTED SLUDGE: | | | | 18,537.98 | |
| 61-53610-67-323-822 POWER/FUEL AERATION ELECTRIC | | | | | |
| ALLIANT ENERGY/WP&L | 2877310000 TREATMENT PLANT | 287731 FEB23 | 02/10/2023 | 9,607.66 | |
| ALLIANT ENERGY/WP&L | 2966110000 RIVER DR, LIFT STATION ELECT | 296611 FEB23 | 02/10/2023 | 228.60 | |
| ALLIANT ENERGY/WP&L | 3934375759 KEKOSKEE LEROY JOINT ELEC | 3934375753 FEB23 | 02/09/2023 | 534.59 | |
| ALLIANT ENERGY/WP&L | 4501260000 WELL #5 & LS ELECTRIC WW | 450126 FEB23 | 02/10/2023 | 141.19 | |
| ALLIANT ENERGY/WP&L | 5211640000 PARK ST LIFT ST | 521164 FEB23 | 02/10/2023 | 69.22 | |
| ALLIANT ENERGY/WP&L | 5265230000 DAYTON ST LIFT ST | 526523 FEB23 | 02/10/2023 | 114.20 | |
| ALLIANT ENERGY/WP&L | 8965540000 WOOL RD LIFT STATION | 896554 FEB23 | 02/10/2023 | 611.68 | |
| Total 61-53610-67-323-822 POWER/FUEL AERATION ELECTRIC: | | | | 11,307.14 | |
| 61-53610-67-324-827 OTHER OPER UTILITIES NAT GAS | | | | | |
| ALLIANT ENERGY/WP&L | 2966110000 RIVER DR, LIFT STATION GAS | 296611 FEB23 | 02/10/2023 | 16.03 | |
| ALLIANT ENERGY/WP&L | 3934375759 KEKOSKEE LEROY JOINT GAS | 3934375753 FEB23 | 02/09/2023 | 21.02 | |
| ALLIANT ENERGY/WP&L | 5063910000 TREATMENT PLANT | 506391 FEB23 | 02/10/2023 | 7,010.60 | |
| ALLIANT ENERGY/WP&L | 5265230000 DAYTON ST LIFT ST GAS | 526523 FEB23 | 02/10/2023 | 17.17 | |
| Total 61-53610-67-324-827 OTHER OPER UTILITIES NAT GAS: | | | | 7,064.82 | |
| 61-53610-67-325-827 OTH OPER - SUPPLIES OPERATING | | | | | |
| US CELLULAR CORPORATION | #320040129 UTILITY-WW | JAN 2023 | 01/26/2023 | 32.37 | |
| Total 61-53610-67-325-827 OTH OPER - SUPPLIES OPERATING: | | | | 32.37 | |
| 61-53610-67-386-828 TRANSPORT EXP SUPPLIES GAS/OIL | | | | | |
| KWIK TRIP INC | #272441 SEWER GAS CHARGES | JAN 2023 | 01/31/2023 | 395.90 | |
| Total 61-53610-67-386-828 TRANSPORT EXP SUPPLIES GAS/OIL: | | | | 395.90 | |
| 61-53610-68-317-832 COLLECT SYS PUMP EQUIP PROF | | | | | |
| MENARDS INC - BEAVER DAM | WOOL LS/ CLARK TOWER STEPS | 9520 | 01/26/2023 | 55.99 | |
| AMAZON CAPITAL SERVICES | SCADA UPS BATTERIES | 1FTP-C34P-1FLL | 02/13/2023 | 88.10 | |
| Total 61-53610-68-317-832 COLLECT SYS PUMP EQUIP PROF: | | | | 144.09 | |
| 61-53610-68-317-834 MAINT GEN PLANT PROF SERV | | | | | |
| TRUE VALUE HOME & HARDWARE | SUPPLIES WATER 61 | 5854554 | 01/09/2023 | 3.96 | |
| HORICON HARDWARE HANK | UTILITIES - SUPPLIES 61 | 1236011 | 01/31/2023 | 67.49 | |
| Total 61-53610-68-317-834 MAINT GEN PLANT PROF SERV: | | | | 71.45 | |
| 61-53610-68-319-833 MAINT TREAT/DISP EQUIP CONTRAC | | | | | |
| SELLNOW ELECTRIC LLC | WW SAMPLER ELECTRIC | 606 | 12/15/2022 | 180.00 | |

| Vendor Name | Description | Invoice Number | Invoice Date | Amount Paid | Voided |
|--|--|----------------|--------------|-------------------------|--------|
| Total 61-53610-68-319-833 MAINT TREAT/DISP EQUIP CONTRAC: | | | | <u>180.00</u> | |
| 61-53610-68-321-834 MAINT GEN PLANT JANITOR SUPPLY | | | | | |
| DARYL J TONN PEST CONTROL LL | PEST CONTROL - LIFT STATION | FEB 2023 | 02/09/2023 | 23.75 | |
| AMAZON CAPITAL SERVICES | UTILITIES SUPPLIES | 194L-VYMN-7R6C | 01/18/2023 | 31.29 | |
| AMAZON CAPITAL SERVICES | UTILITIES SUPPLIES | 1GNF-77HM-1C3R | 02/07/2023 | 21.98 | |
| Total 61-53610-68-321-834 MAINT GEN PLANT JANITOR SUPPLY: | | | | <u>77.02</u> | |
| 61-53610-68-325-831 MAINT COLLECT SYS OPER SUPPLY | | | | | |
| AMAZON CAPITAL SERVICES | UTILITIES SUPPLIES | 194L-VYMN-7R6C | 01/18/2023 | 250.31 | |
| Total 61-53610-68-325-831 MAINT COLLECT SYS OPER SUPPLY: | | | | <u>250.31</u> | |
| 61-53610-68-325-834 MAINT GEN PLANT OPER SUPPLY | | | | | |
| TRUE VALUE HOME & HARDWARE | SUPPLIES WATER 61 | 5854685 | 01/10/2023 | 27.82 | |
| FASTENAL COMPANY | LOCK/KEYS | WIHOR201935 | 01/31/2023 | 50.64 | |
| AMAZON CAPITAL SERVICES | UTILITIES SUPPLIES | 194L-VYMN-7R6C | 01/18/2023 | 19.79 | |
| AMAZON CAPITAL SERVICES | UTILITIES SUPPLIES | 1LHP-RXRT-3TJG | 02/22/2023 | 44.49 | |
| Total 61-53610-68-325-834 MAINT GEN PLANT OPER SUPPLY: | | | | <u>142.74</u> | |
| 61-53610-68-359-832 COLL SYS PUMP EQUIP MAINT OTH | | | | | |
| BIGFOOT MOBILE SERVICES LLC | GEN REPAIRS | 979075 | 02/02/2023 | 95.00 | |
| DARYL J TONN PEST CONTROL LL | PEST CONTROL - GENERAL PLANT-WW | FEB 2023 | 02/09/2023 | 55.42 | |
| TOWN & COUNTRY UNDERGROUN | WOOL CLUVERT INSTALL | 53832-IN | 01/20/2023 | 4,986.00 | |
| Total 61-53610-68-359-832 COLL SYS PUMP EQUIP MAINT OTH: | | | | <u>5,136.42</u> | |
| 61-53610-69-317-827 LAB PROFESSIONAL SERV | | | | | |
| NBS CALIBRATIONS | Service & Calibration of Balance/Scale | 134032 | 02/08/2023 | 176.00 | |
| NORTHERN LAKE SERVICE INC | HG, N | 2301022 | 02/07/2023 | 406.50 | |
| NILE XPEDITE SOLUTIONS OF WIS | WET SHIPPING | 1018 | 08/16/2022 | 1,155.00 | |
| NILE XPEDITE SOLUTIONS OF WIS | WET SHIPPING | 1058 | 08/31/2022 | 1,155.00 | |
| NILE XPEDITE SOLUTIONS OF WIS | WET SHIPPING | JUNE 2023 | 02/06/2023 | 1,155.00 | |
| WISCONSIN BIOMEDICAL SERVICE | DISHWASHER PM | 43178 | 02/08/2023 | 1,274.47 | |
| Total 61-53610-69-317-827 LAB PROFESSIONAL SERV: | | | | <u>5,321.97</u> | |
| Grand Totals: | | | | <u><u>57,972.29</u></u> | |

**CITY OF MAYVILLE
WASTEWATER FACILITY PLAN
PUBLIC HEARING FACT SHEET**

I. Why is the project needed?

The City of Mayville Wastewater Treatment Facility (WWTF) was originally constructed in 1932 and has undergone several upgrades over the years, with the most recent major upgrade occurring in 1984. As the City has grown over the past 40 years, flows to the WWTF have increased and are expected to continue increasing past the WWTF's design rating. This has caused issues at the WWTF with handling peak flows. In addition, WWTFs are designed for 20-year periods as most process and electrical equipment only have a service life of 15-20 years. Equipment including fine screening, raw wastewater pumps, grit removal, aeration diffusers and blowers, solids digestion and storage, as well as significant structural and electrical infrastructure needs to be replaced or rehabilitated. This includes safety and building code requirements required for WWTF personnel.

To address these deficiencies, MSA Professional Services has assisted the City in preparing a Wastewater Facility Plan which has analyzed historical influent and performance data as well as a condition, capacity, and performance analysis of the sewer utility and WWTF. The needs and the requirements for the WWTF to continue operating reliably for the next 20-years or more have been identified and presented herein including cost estimates for the design, construction, and implementation of these upgrades.

II. What processes and alternatives have you considered?

Do Nothing

Failure to address WWTF deficiencies would likely result in continued operational failure of the WWTF, which would result in WPDES permit violations and eventual enforcement action by WDNR and Wisconsin Department of Justice (WDOJ). Monetary penalties and a moratorium on growth within the City would result.

Fine Screening

The existing fine screen at the WWTF is undersized for current peak flows and future operations. A replacement fine screen rated at the 20-year projected peak flow is recommended. No alternative to this option is feasible.

Raw Wastewater Pumping

The existing raw wastewater pumps at the WWTF are undersized for future operations. Replacement pumps rated at the 20-year projected peak flow are recommended as well as necessary pipe and fitting replacements. No alternative to this option is feasible.

Grit Removal

The existing aerated grit removal system at the WWTF is outdated and does not perform optimally. Replacement of aerated grit equipment including new blowers, diffusers, grit pump, and grit classifier are recommended. Other alternatives to this option are more costly, but it should be noted that this upgrade may be undertaken at a later date.

Aeration Basins

The existing aeration system at the WWTF was installed in 1984 and is past its service life. The existing equipment is prone to failure and is vastly inefficient compared to today's standards. Fine bubble aeration and blower upgrades are expected to reduce electricity demand and improve wastewater treatment performance. All options also include removal of the screening structure located after aeration basins which has caused hydraulic issues at the WWTF.

- **Option 1: Fine Bubble Diffusion in All Tanks (Conventional Activated Sludge):**
Fine bubble diffusers in all 5 tanks. Additional O&M Costs include fine bubble membrane replacement, equipment replacement fund, and additional RE300 chemical use based on projected loads. New blowers to be placed in service building where existing locker room and showers are placed. New controls and equipment (ORP analyzer, aeration control, level sensors, etc.) are also included.
- **Option 2: Fine Bubble Diffusion with Enhanced Biological Nutrient Removal:**
Fine bubble diffusers in 4 tanks with the first tank as an anaerobic selector and some minor upgrades for recycle streams. Additional O&M Costs (cost savings) include fine bubble membrane replacement, equipment replacement fund, and cost savings from RE300 chemical use reduction based on current and projected loads and preliminary BioWin simulations. New blowers to be placed in service building where existing locker room and showers are placed. New controls and equipment (ORP analyzer, aeration control, level sensors, etc.) are also included. This option also provides flexibility for future total nitrogen limits.

Secondary Clarifiers

The secondary clarifiers provide settling of solids before treated effluent is disinfected and discharged to the Rock River. Based on current and projected flows, the secondary clarifiers are undersized and upgrades will need to be performed.

- **Option 1: Storm Mode Upgrade:**
Includes density current baffles and controls for optimal clarifier performance (sludge level control, RAS/WAS control, and flexibility for additional settling in Aeration Basin #5). Based on settling curves, these upgrades paired with the existing clarifiers should provide sufficient settling despite exceedances for surface overflow rate at peak hour flows. Implementation of this upgrade is dependent on DNR approval.
- **Option 2: Additional Clarifiers (2):**
Includes the upgrades mentioned above as well as (2) additional 55' diameter clarifiers, identical to the existing clarifiers. Includes clarifier tanks, RAS/WAS/Scum pumping, controls, clarifier mechanisms, etc. Given that criteria for surface overflow rate are exceeded with the existing clarifiers, (2) additional clarifiers would be required to obtain surface overflow rates below design criteria outlined in NR. 110 Wisc. Adm. Code.

UV Disinfection

UV Disinfection is the last process before treated effluent is discharged to the Rock River. While the existing unit was installed in 2009, there are some concerns regarding the controls and rated capacity.

- **Option 1: UV Controls:**
Upgrade includes new UV system control panel.
- **Option 2: UV System and Final Effluent Controls:**
Existing UV System is undersized for current and projected flows. Upgrade includes new UV system, channel modifications, and updated controls. Historically, the WWTF has met limits for fecal coliform and may continue doing so. Given this performance, this upgrade may be pursued at a later date.

Solids Handling

The WWTF currently stores and aerates sludge in a single 49 ft. diameter digester tank and then contracts the sludge to be hauled for further storage or land application in the spring. Due to the lack of storage and treatment, the WWTF does not achieve significant solids reduction leading to greater hauling volumes and fees. IN addition, the existing aeration equipment is outdated and requires replacement. Several options for solids handling are presented below. Note that performance numbers and additional O&M costs are conservative and may improve after construction.

- **Option 1: Decanting and Contract Haul:**
Includes upgrades to aerobic digester including new blowers, diffusers, decanting televalve, geodesic dome cover, loadout pumps, and controls. The WWTF would continue hauling ~1.5% TS sludge at a rate of \$0.0745 per gallon. Based on historical data and digester performance, about 7,000 GPD on average over the 20-year analysis period would need to be hauled.
- **Option 2: Decanting and New Storage Tank:**
Includes upgrades to aerobic digester including new blowers, diffusers, decanting televalve, geodesic dome cover, loadout pumps, and controls. Includes new 70 ft. diameter covered storage tank for digested sludge which will provide 250 days of storage at current daily average loads and 180 days of storage at projected daily average loads. The WWTF would haul 2% TS sludge at a rate of \$0.05 per gallon for land application hauling. Based on digester design performance, about 5,300 GPD on average over the 20-year analysis period would need to be hauled.
- **Option 3: Thickening:**
Includes upgrades to aerobic digester including new blowers, diffusers, decanting televalve, geodesic dome cover, loadout pumps, and controls. Includes new thickening building (~750 SF) with sludge thickener press, polymer system, and pumps. Includes new 45' diameter covered storage tank for thickened digested sludge which will provide 250 days of storage at current daily average loads and 180 days of storage at projected daily average loads. The WWTF would haul 5% TS sludge at a rate of \$0.05 per gallon. Based on digester and thickener design performance, about 1,500 GPD on average over the 20-year analysis period would need to be hauled.
- **Option 4: Dewatering:**
Includes upgrades to aerobic digester including new blowers, diffusers, decanting televalve, geodesic dome cover, loadout pumps, and controls. Includes new dewatering building (~750 SF) with sludge dewatering, polymer system, and pumps. Includes new covered drying/storage beds (~4000 SF) which will provide 250 days of storage at current daily average loads and 180 days of storage at projected daily average loads. The WWTF would haul 16% TS sludge at a rate of \$0.05 per gallon. Based on digester and dewatering design performance, about 470 GPD on average over the 20-year analysis period would need to be hauled.
- **Option 5/6: Dehumidifier or Drier:**
Includes upgrades to aerobic digester including new blowers, diffusers, decanting televalve, geodesic dome cover, loadout pumps, and controls. Includes new dewatering/dehumidifier building (~2000 SF) with sludge dewatering, polymer system, pumps, and sludge dehumidifier or drier. Includes new covered drying/storage beds (~900 SF) which will provide 250 days of storage at current daily average loads and 180 days of storage at projected daily average loads. The WWTF would haul 90% TS sludge at a rate of \$0.05 per gallon or may potentially distribute the dried cake to the public if Class A biosolids designation is granted to the system. Based on design performance, about 83 GPD on average over the 20-year analysis period would need to be hauled.

General Site and Service Building Rehabilitation

The existing service building at the WWTF houses various process equipment, workspaces, vehicles, materials, personnel spaces and locker rooms and has had several additions since 1932. The building requires extensive rehabilitation for code compliancy and safety. The proposed upgrade includes roofing, windows, caulking and brick work, flooring repair, water damage rehabilitation, water service relocation, demolition of existing showers and lunch room due to space use, new boilers (2) and digital control upgrades, dehumidifiers, new MAUs and exhaust fans for code compliant ventilation, and miscellaneous building code and safety items. This upgrade is required as part of the process equipment upgrades discussed above.

Electrical Upgrades

Given the age of the electrical equipment at the WWTF and the proposed upgrades above, electrical upgrades including new MCCs and panels, generator, service switch gear, LED lighting, SCADA system and integration, and various conduit and wiring are required.

New Administration Building

The existing administration building does not meet the needs of WWTF staff and the public. The existing building lacks sufficient workspace, shower and locker room facilities, independent water service and hot water system, and ADA compliant access. While the existing building can undergo rehabilitation (which will not fully address these issues) for \$850,000, a new 10,000 SF building with garage, laboratory, office space, locker room and shower, workspace, and break rooms is requested by WWTF staff and required for efficient operation of the plant. See layout attached.

III. What is the difference in cost between the alternatives?

The capital, annual operating and maintenance (O&M), and 20-year present worth costs of the alternatives have been estimated and are shown in the following table. The 20-year present worth represents the amount of money that would be needed now in order to pay all capital costs of the upgrades as well as all additional O&M costs for the next 20 years. It is the primary economic selection criteria. Capital costs include design, construction, and engineering services but are based on current prices and may be updated during final design. Due to the preliminary nature of the cost estimates developed during this planning phase, it is a reasonable expectation that the actual construction costs may vary $\pm 30\%$ from the planning estimates presented herein. Unknown factors, inflation, changes to the global economy, fuel prices, and other unforeseen conditions may occur between the completion of this abbreviated facility plan and the time that upgrades are designed and constructed.

Table 1 Summary of Alternatives and Costs

| Item | Options | Total Capital Cost | Additional O&M Costs | Present Worth | % Difference |
|--|---|---------------------------|---------------------------------|----------------------|---------------------|
| Fine Screening | New Mechanical Fine Screen & Wash Press | \$1,005,000 | \$8,000 | \$1,090,000 | LCO |
| RWW Pumping | RWW Pump Upgrades | \$1,487,000 | \$9,300 | \$1,570,000 | LCO |
| Grit Removal | Replace/Refurbish Aerated Grit Equipment | \$662,000 | \$4,100 | \$684,000 | LCO |
| Aeration Tanks, Blowers, and Eliminate Secondary Screening | Fine Bubble Diffusion, New Blowers in Service Building | \$2,845,000 | \$65,200 | \$3,726,000 | 81% |
| | Fine Bubble Diffusion - With Bio-P, New Blowers in Service Building | \$2,755,000 | (\$36,900) | \$2,062,000 | LCO |
| Final Clarifiers and RAS/WAS/Scum Pumping | Storm Mode Controls | \$407,000 | \$1,900 | \$385,000 | LCO |
| | Construct Additional Clarifiers (2) | \$7,814,000 | \$60,300 | \$8,269,000 | 1978% |
| Scum Pumping | New Scum Pumping Station | \$251,000 | \$6,300 | \$328,000 | LCO |
| UV Disinfection and Final Effluent Pumping Controls | Replace UV Control Panel | \$210,000 | \$0 | \$167,000 | LCO |
| | Replace Entire UV System | \$705,000 | \$4,400 | \$715,000 | 328% |

| Item | Options | Total Capital Cost | Additional O&M Costs | Present Worth | % Difference |
|--|--|--------------------|----------------------|---------------|--------------|
| Chemical Building | Do Nothing | \$0 | \$0 | \$0 | LCO |
| Sludge Processing & Storage (see breakdown below) | Digester Upgrade, Contract Haul, 2% Decanted Liquid | \$2,422,000 | \$(6,400) | \$2,244,000 | LCO |
| | Digester Upgrade, Storage Tank, 2% Decanted Liquid (Class B) | \$4,172,000 | \$(81,600) | \$2,691,000 | 20% |
| | Thickened 5% Liquid (Class B) | \$5,967,000 | \$(89,000) | \$4,267,000 | 90% |
| | Dewatered Cake 15-25% (Class B) | \$5,834,000 | \$(88,100) | \$4,177,000 | 86% |
| | Dried 90+% (Class A) Shinneci Dehumidifier | \$8,938,000 | \$(32,300) | \$7,933,000 | 254% |
| | Dried 90+% (Class A) Huber Solar Dryer | \$10,485,000 | \$(18,700) | \$9,769,000 | 335% |
| Electrical & Controls | Upgrade Electrical System and SCADA | \$6,036,500 | \$0 | \$3,678,000 | LCO |
| Administrative Building | Rehabilitate Existing | \$850,000 | \$0 | \$850,000 | LCO |
| | New Building | \$5,100,000 | \$0 | \$5,100,000 | 500% |
| Site & Service Building | Rehabilitation & Upgrades | \$3,457,000 | \$0 | \$3,457,000 | LCO |

Table 2 Solids Hauling Cost

| 20-Year Average | Existing | Decant and Haul | Decant and Store | Thicken | Dewater | Dry |
|------------------------------|------------------|------------------|------------------|-----------------|----------------|----------------|
| Sludge Volume (GPD) | 7,050 | 5,288 | 3,756 | 1,502 | 469 | 83 |
| Sludge %TS | 1.5% | 2% | 2% | 5% | 16% | 90% |
| Cost per Gallon | \$0.0745 | \$0.0745 | \$0.05 | \$0.05 | \$0.05 | \$0.05 |
| Daily Hauling Cost | \$525.25 | \$393.94 | \$187.80 | \$75.12 | \$23.47 | \$4.17 |
| Hauling Cost per Year | \$191,700 | \$143,800 | \$68,600 | \$27,400 | \$8,600 | \$1,500 |
| Cost Savings per Year | - | \$47,900 | \$123,200 | \$164,300 | \$183,100 | \$190,200 |

*Note that these costs only represent the average hauling costs over the 20-year analysis period. Electrical, chemical, and maintenance costs are not shown here, but are included on Table 1 above.

IV. **Which alternatives are you recommending?**

The recommended alternative for each process are summarized below:

- **Fine Screening**
This is required based on flows.
- **Raw Wastewater Pumping**
This is required based on flows.
- **Aerated Grit Removal Rehabilitation**
This is optional at this time but recommended to be completed as part of the proposed project.
- **Aeration Basins Option 2: Fine Bubble Diffusion with Enhanced Biological Nutrient Removal**
This is required based on age and condition of existing equipment.
- **Secondary Clarifiers Option 1: Storm Mode Upgrade**
This is required based on flows.
- **UV Disinfection Option 1: UV Controls Upgrade**
This is required based on age and condition of existing equipment.
- **Solids Handling Option 2: Decanting and New Storage Tank**
While this is not the lowest cost option as shown in Table 1, the cost of sludge hauling can (and has) increased, resulting in greater annual costs. If the sludge hauling rate were to increase from \$0.0745 per gallon to \$0.081 per gallon, then Option 2 would be considered equivalent to Option 1 on a present worth basis. In addition, the new storage tank would provide flexibility for WWTF operation and is preferred by WWTF staff.
- **General Site and Service Building Rehabilitation**
This is required based on age and condition of the building as well as building code and safety concerns.

- **Electrical Upgrades**
This is required based on age and condition of the electrical infrastructure, installation of new and upgraded equipment, as well as electrical code and safety concerns.
- **New Administration Building**
This is a need identified by WWTF staff and highly recommended based on the deficiencies of the existing building.

V. What is the cost of the recommended alternative?

Table 3: Recommended Upgrades Package

| Upgrade | Total Cost | Additional O&M Costs |
|--|----------------------|---------------------------------|
| General Site and Bldg. Rehab. | \$ 3,457,000 | \$ - |
| Electrical Service and Spaces | \$ 6,036,500 | \$ - |
| New Admin. Bldg. | \$ 5,100,000 | \$ - |
| Fine Screen Upgrade | \$ 1,005,000 | \$ 8,000 |
| RWW Pumps: Upgrade Pumps | \$ 1,487,000 | \$ 9,300 |
| Grit Removal: Replace Aerated Grit Equipment | \$ 662,000 | \$ 4,100 |
| Aeration Tanks: Fine Bubble Diffusion with Bio-P | \$ 2,755,000 | \$ (36,900) |
| Secondary Clarifiers: Storm Mode | \$ 407,000 | \$ 1,900 |
| Scum Pumping Station | \$ 251,000 | \$ 6,300 |
| UV Disinfection & Effluent Pumping: Upgrade Controls | \$ 210,000 | \$ - |
| Solids Processing: Decanting and Contract Haul | \$ 4,172,000 | \$ (81,600) |
| TOTAL | \$ 25,543,000 | \$ (88,900) |

VI. Where are we going to get the money to pay for this?

The WDNR Clean Water Fund Program (CWFP) offers low interest loans over a period of 20 years. Based on the current market interest rate for CWFP of 3.9% and economic factors, the City is eligible for a subsidized interest rate of 2.178% and 20% general principal forgiveness (PF) on the loan capped at \$2,000,000. Given the nature of the phosphorus compliance upgrades, the City is also eligible to receive phosphorus PF at 50% of project costs for a maximum of \$1,000,000. In total, the City is eligible to receive the maximum PF \$3,000,000 of PF for the recommended upgrades.

Note that WDNR released updated affordability and funding criteria in the Intended Use Plan for funding. This plan includes an increase in several varieties of PF, including general and phosphorus related PF. However, WDNR recently announced that the data from which eligibility shall be determined will change from the historic parameters used to determine a municipality or sanitary district's PF amount and interest eligibility. Based on these recent changes, MSA Professional Services has provided the most recent data available to be used for this determination, however, this may change as new data is released and eligibility is recalculated for the City.

VII. How much am I going to be required to pay for sewer service?

The average residential sewer rates are *currently* \$29/month per REU on average. Below are sewer rate calculations for the facility plan cost estimate for the recommended upgrades. A typical parameter for evaluating sewer rates is taking the annual sewer rate as a percentage of the City's Median Household Income (MHI). Rates at or above 2% of a municipality's MHI are considered an economic burden on residents. Current sewer rates of \$29/month are 0.58% of the City's MHI. Projected sewer estimates are between 1.04-1.14% of City's MHI.

Note that Principal Forgiveness is not guaranteed and is dependent on CWF's ranking and prioritization of projects. Therefore, sewer rate increase range is based upon maximum eligible principal forgiveness (low estimate) and a worst-case, unlikely scenario of \$0 Principal Forgiveness (high estimate). Sewer rate calculations assume that current sewer revenues are sufficient to cover current operating costs and are presented below as the existing sewer rate in addition to the sewer rate increase required for debt and additional O&M expenses by the proposed project.

| City of Mayville Sewer Rate Estimate Wastewater Treatment Facility Recommended Upgrades | | |
|--|--------------|--------------|
| Estimated Capital Cost | \$25,543,000 | \$25,543,000 |
| Parallel Cost Ratio | 0.98 | 0.80 |
| Estimated Principal Forgiveness | \$3,000,000 | \$0 |
| Principal Loan Amount | \$22,543,000 | \$25,543,000 |
| | | |
| Market Interest Rate | 3.900% | 3.900% |
| Subsidized Interest Rate | 2.178% | 2.50% |
| Loan Term | 20 Years | 20 Years |
| | | |
| Additional Debt Service | \$1,536,109 | \$1,793,143 |
| Additional Annual O&M | (\$88,900) | (\$88,900) |
| Current Monthly Sewer User Rate | \$29 | \$29 |
| Proposed Monthly Sewer User Rate Increase (estimated) | \$23 | \$27 |
| Total Proposed Monthly Sewer User Rate | \$52 | \$56 |
| MHI Per Criteria | \$59,445 | \$59,445 |
| Proposed Sewer Rate % of MHI | 1.04% | 1.14% |

*Rates assume that existing sewer rates are sufficient to cover utility's current expenses.

**Rates are estimated using today's market and available rates. These may change in the future.

***MSA Professional Services, Inc. is not recommending a course of action with respect to any municipal financial information contained in this communication.

****Sewer rate increase range is based upon maximum eligible principal forgiveness (low) and a worst-case, unlikely scenario of \$0 Principal Forgiveness.

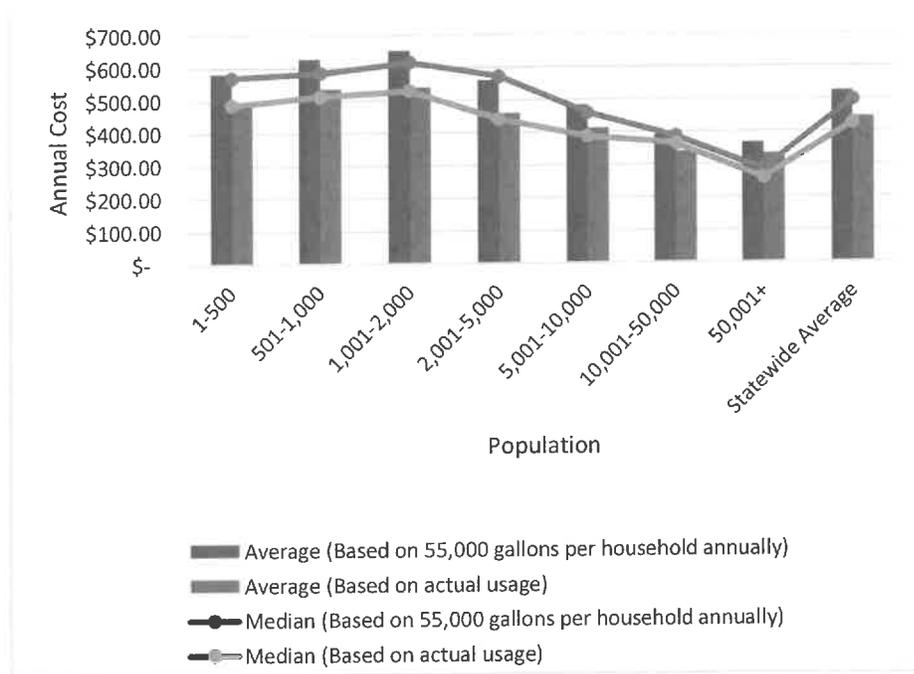
*****Construction of additional Final Clarifiers and an updated UV System may be necessary in the future but can be postponed at this time.

*****rate calculation assumes each gallon treated is equal (i.e. industrial waste = residential waste)

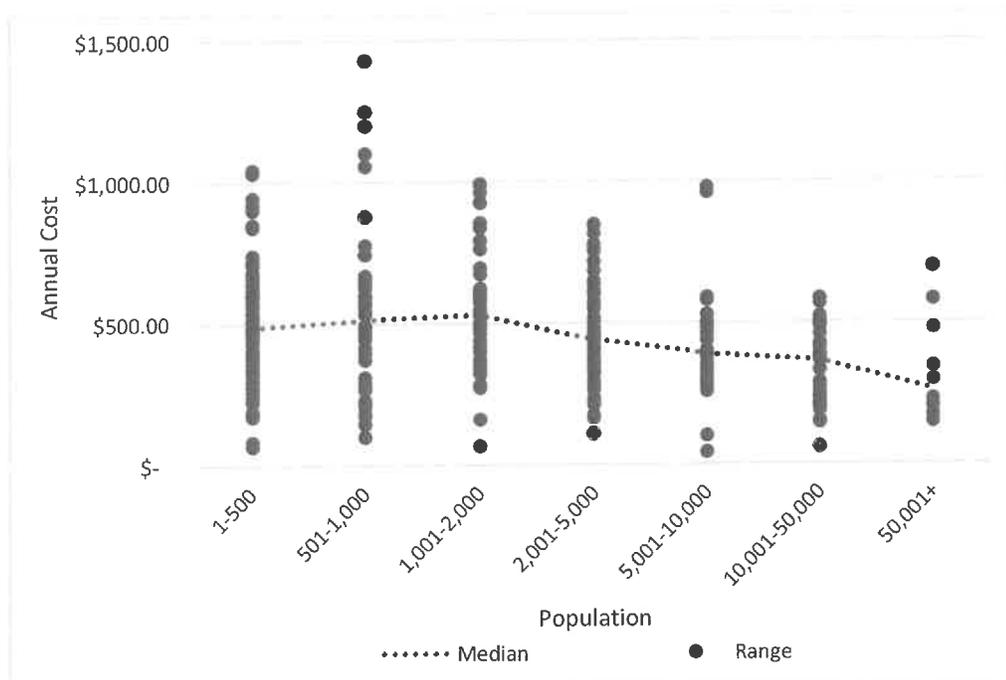
*****includes LeRoy-Kekoskee JSD in rate calculation

VIII. How does this compare to other communities?

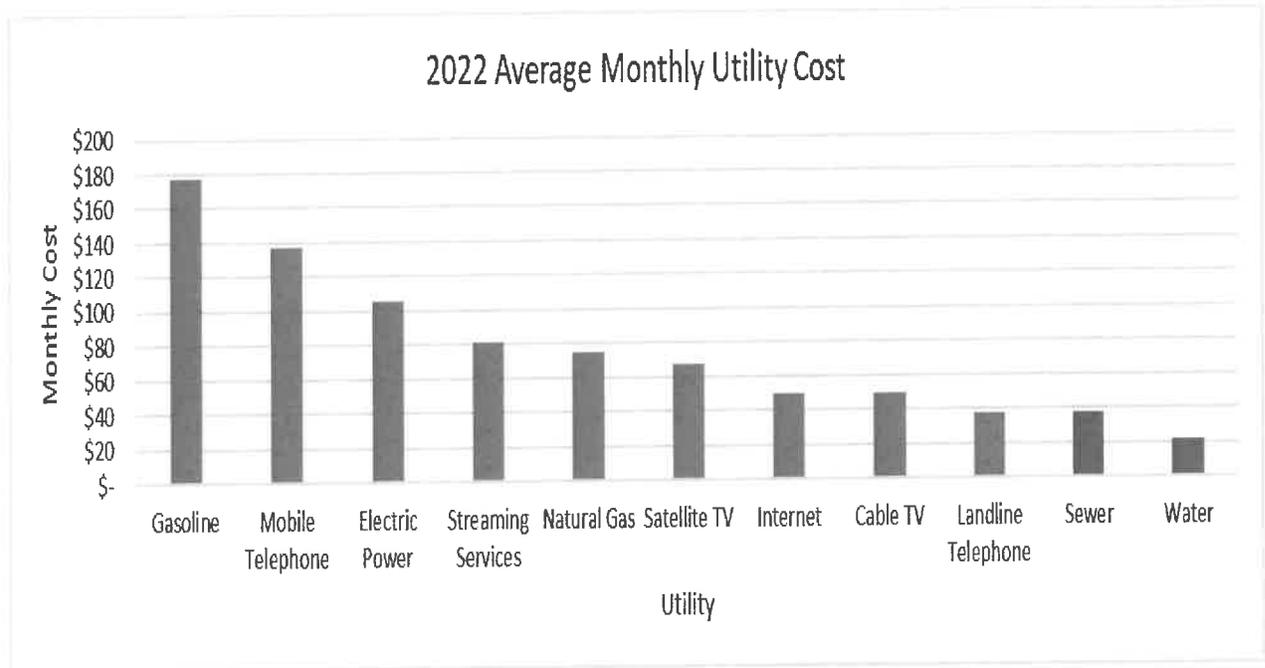
In general, residents of smaller communities or sanitary districts pay significantly more than those living in larger communities. MSA's 2022 Sewer User Charge Survey illustrates this trend.



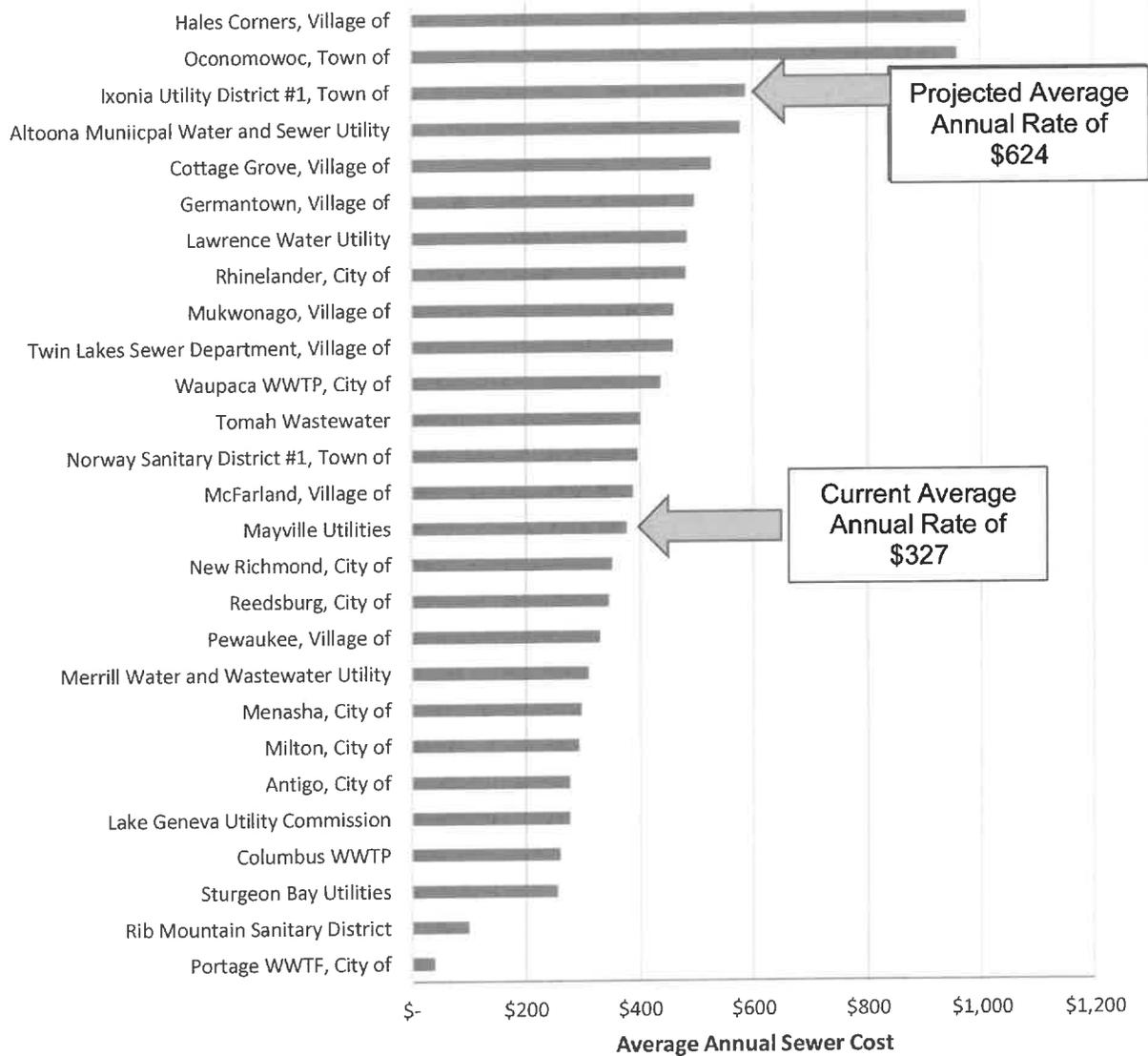
At an average annual cost of about \$347 per household and an estimated population of 5,144, the City's current sewer rates are slightly below the average of \$413 and median value of \$388 per year for similarly sized communities. However, as with any average value, a significant spread in the data exists. Annual sewer rates of individual similarly sized communities ranged from \$40 - \$975. This is shown in the figure that follows, which is also taken from MSA's 2022 Wisconsin Sewer User Charge Survey.



After the final funding package is established and the new sewer rates are set, the City's projected sewer rates would be above the average of \$413, likely in the range of \$624/year if funding is awarded through the WDNR CWFP and the aforementioned PF is granted. It should be pointed out that municipal utility service is still a relative bargain. A comparison of sewer rates to other necessary and optional services shows that clean and safe water is still a bargain.



Annual Sewer Rate for Communities of Similar Size (5,001 - 10,000)



IX. What is the schedule for the proposed project?

| Item | Approximate Date |
|---|-------------------------|
| Submitted Facilities Plan to WDNR | March 31, 2022 |
| Public Hearing for Facility Plan & Submit comments to DNR | April 2023 |
| WDNR Review Comments / WDNR Approval of Plan | July 2023 |
| Commission Review/Approval of MSA Design Contract | July 2023 |
| Submit Plans and Specs for Upgrades to WDNR | July 2024 |
| Submit Funding Application to DNR Clean Water Fund | September 2024 |
| WDNR Approval of Plans and Specs & Bid Project | October 2024 |
| Commence Construction | January 2025 |
| Complete Construction | December 2027 |

- Recommended Upgrades**
- Refurbished/Upgraded Equipment & Structures
 - Mechanical Fine Screen & Wash Press
 - Influent Pumps
 - Refurbished Grit Removal
 - Aeration Blowers
 - EBNR Upgrade
 - Scum Pump Station
 - Digestion Equipment (Blowers, Diffusers, Pumps, Covers)
 - Digested Sludge Storage, Mixing & Pumping
 - Boiler
 - Service Building Upgrades
 - SCADA & Electrical Upgrades
 - Major Demolition
 - Blower Building
 - Aeration Building
 - Administration Building
 - Secondary Screening Structure



MSA

City of Mayville
 2025/2026
 2025/2026
 2025/2026
 2025/2026

Mayville WWTF
MSA Professional Services

Legend

- Liquid
- Solids
- Chemical
- Electrical
- Non-Process (Maintenance, Storage, Admin, etc.)

Map Features

- City
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February 28, 2023

City of Mayville
15 South School Street
Mayville, WI 53050

Attention: Ms. Courtney Steger, Utilities Director

Subject: Analysis of Bids and Recommendation for Award of Contract;
Well No. 4 Water Treatment Plant

Bid Deadline: February 23, 2023 at 1:00 p.m. local time

Dear Courtney:

The purpose of this letter is to analyze the bids received for the Well No. 4 Water Treatment Plant project and to recommend award of a contract. This project involves work to be completed at the City of Mayville's Well #4, as well as ancillary work at the City's 3 other wells and 2 water tower locations. Work includes modifications to existing processes and structures, construction of a new water treatment facility, equipment installation, pipe work, and site improvements.

The pre-bid estimate for the base bid portion of this project was \$2,800,000. Thirty-one general contractors, subcontractors, and material suppliers requested sets of the plans, specifications and bidding documents. Three contractors submitted bids.

A summary of the bids is as follows:

| Contractor | Base Bid Price | Allowance Items | Supplemental Bid Items | Total Bid Cost |
|-------------------------|----------------|-----------------|------------------------|----------------|
| C.D. Smith Construction | \$2,914,117 | \$72,000 | \$72,025 | \$3,058,142 |
| J.H. Hassinger, Inc. | \$2,962,769 | \$72,000 | \$101,500 | \$3,136,269 |
| Mid City Corporation | \$3,558,330 | \$72,000 | \$69,000 | \$3,699,330 |

All of the bids were properly submitted and read aloud. The low bidder, using the base bid and allowances only, or the base bid and supplemental bid items is C.D. Smith Construction of Fond du Lac, Wisconsin, an experienced general contractor that has completed similar work at water and wastewater treatment facilities around Wisconsin. We recommend that C.D. Smith be awarded a contract for the base bid and supplemental bid total of \$3,058,142.

The bid proposal also included an equipment base bid schedule, which provides adds and deducts for various equipment. It is recommended that we evaluate this schedule and any potential additions or subtractions and handle any equipment selections as a change order after award, although no changes are anticipated at this time.

We recommend that this award be made contingent upon the DNR's Safe Drinking Water Loan Program (SDWLP) approval. The City will be able to waive this contingency at any time.

Town & Country Engineering, Inc. is prepared to proceed with the additional submittals to the Safe Drinking Water Loan Program and development of construction contracts upon receiving direction from the City of Mayville. If you have any questions regarding this recommendation, I am available at your convenience to discuss them with you.

Very truly yours,
TOWN & COUNTRY ENGINEERING, INC.

A handwritten signature in black ink, appearing to read 'Gregory J. Droessler', written in a cursive style.

Gregory J. Droessler, P.E.
Vice-President

This is Task Order No. 2,
consisting of 3 pages.
(MV 04)

Task Order – Standard Hourly Rates Basis

In accordance with Paragraph 1.01 of the Agreement Between the City of Mayville, Wisconsin (Owner) and Town & Country Engineering, Inc. (Engineer) for Professional Services – Task Order Edition, dated October 26, 2021 ("Agreement"), Owner and Engineer agree as follows:

1. Background Data

- a. Effective Date of Task Order: February 28, 2023
- b. Specific Project (title): Well #4 Water Treatment Plant Construction
- c. Specific Project (description): See Attachment A.

2. Services of Engineer

- A. The specific services to be provided or furnished by Engineer under this Task Order are described in Attachment A and the services (and related terms and conditions) set forth in the following sections of Exhibit A, as attached to the Agreement referred to above, such sections being hereby incorporated by reference:
 - Construction Phase Services (Exhibit A, Paragraph A1.05)
 - including Resident Project Representative (RPR) services (A1.05.A.2)
- B. All of the services included above comprise Basic Services for purposes of Engineer's compensation under this Task Order.

3. Additional Services

Those services (and related terms and conditions) set forth in Paragraph A2.01 of Exhibit A, as attached to the Agreement referred to above, such paragraph being hereby incorporated by reference.

4. Owner's Responsibilities

Owner shall have those responsibilities set forth in Article 2 of the Agreement and in Exhibit B, as attached to the Agreement referred to above, such Article and Exhibit being hereby incorporated by reference, subject to the following: N/A

5. Task Order Schedule

In addition to any schedule provisions provided in Exhibit A, as attached to the Agreement referred to above, or elsewhere, the parties shall meet the schedule set forth in Attachment A.

6. Payments to Engineer

- A. Owner shall pay Engineer for Basic Services set forth above, except for services of Engineer's Resident Project Representative, if any, as follows:
 - 1. An amount equal to the cumulative hours charged to the Project by each class of Engineer's personnel times Standard Hourly Rates for each applicable billing class for all services performed on the Project, plus Reimbursable Expenses and Engineer's Consultants' charges, if any.
 - 2. Engineer's Standard Hourly Rates Schedule is shown below.
 - 3. The total compensation for services under this Task Order is estimated to be \$207,000.00.

- B. Compensation for Reimbursable Expenses
 - 1. Owner shall pay Engineer for all Reimbursable Expenses at the rates set forth below.

Standard Hourly Rates and Reimbursable Expense Rates Schedule

Standard Hourly Rates and Reimbursable Expense Rates are set forth below. Standard Hourly Rates include salaries and wages paid to personnel in each billing class plus the cost of customary and statutory benefits, general and administrative overhead, non-project operating costs, and operating margin or profit.

Schedule:

| | |
|--|--------------------------------|
| Principal | \$170.00 |
| Senior Project Manager | \$165.00 |
| Senior Project Engineer | \$160.00 |
| Project Engineer IV | \$150.00 |
| Project Engineer III..... | \$145.00 |
| Project Engineer II..... | \$140.00 |
| Project Engineer I | \$135.00 |
| Staff Engineer II..... | \$120.00 |
| Staff Engineer I | \$110.00 |
| Senior Engineering Technician..... | \$110.00 |
| Engineering Technician III..... | \$105.00 |
| Engineering Technician II..... | \$100.00 |
| Engineering Technician I | \$90.00 |
| GIS Analyst..... | \$110.00 |
| GIS Technician..... | \$100.00 |
| Survey Crew Chief..... | \$110.00 |
| Construction Technician II | \$100.00 |
| Construction Technician I | \$85.00 |
| Administrative II..... | \$80.00 |
| Administrative I | \$75.00 |
| Grant Writer..... | \$95.00 |
| Mileage | \$0.65 per mile |
| Total Station/GPS Survey Equipment | \$20.00 per hour of actual use |
| Computer used for CADD | \$15.00 per hour of actual use |

7. Terms and Conditions

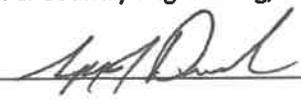
Execution of this Task Order by Owner and Engineer shall make it subject to the terms and conditions of the Agreement (as modified above), which Agreement is incorporated by this reference. Engineer is authorized to begin performance upon its receipt of a copy of this Task Order signed by Owner.

The Effective Date of this Task Order is February 28, 2023.

OWNER: City of Mayville, Wisconsin

ENGINEER: Town & Country Engineering, Inc.

By: _____

By:  _____

Print Name: Courtney Steger

Print Name: Greg Droessler, P.E.

Title: Director of Utilities

Title: Vice-President

Date Signed: _____

Date Signed: 2/28/2023

Engineer License or Firm's Certificate No. (if required): 37471-006

State of : Wisconsin

Address for Owner's receipt of notices:

Address for Engineer's receipt of notices:

15 South School Street
Mayville, WI 53050

10505 Corporate Drive, Suite 105A
Pleasant Prairie, WI 53158

DESIGNATED REPRESENTATIVE
(Paragraph 8.04):

DESIGNATED REPRESENTATIVE
(Paragraph 8.04):

Courtney Steger

Greg Droessler, P.E.

Title: Director of Utilities

Title: Vice-President

Phone Number: 920-387-7906 ext 1223

Phone Number: (262) 925-3210

E-Mail Address: csteger@mayvillecity.com

E-Mail Address: gdroessler@tcengineers.net

ATTACHMENT A

MEMORANDUM

Date: February 27, 2023

To: Ms. Courtney Steger – Utility Director

From: Greg Droessler, P.E.

Subject: Scope of Services - Construction Engineering Services and Inspection Service for Well #4 Water Treatment Plant

The City of Mayville is replacing the existing well house and treatment facility at Well #4 with a new building and iron treatment system. Work includes demolition of the existing facility, and construction of an approximate 2,000 sq. ft. building in its place to house the existing well and the new process equipment. Work also includes the replacement of the existing SCADA equipment at the 3 other City wells and 2 water towers. This Contract is for construction administration and part-time resident engineering for this project.

The project schedule anticipates the project to be awarded in March, with a Notice to Proceed to be issued in April 2023. Per the contract, all work is to be substantially complete in 550 days, or approximately by September 2024. Final completion of the project is anticipated to be late 2024.

The scope of services for the project includes the following major tasks:

A. Scope of Services – Construction Administration Service

1. The Engineer will perform such tasks as construction staking, construction administration, review of construction schedules, project management, construction coordination, change order requests, pay requests, record drawings, periodic site visits, and construction project meetings.
2. Water & Sewer Commission and City Council meetings will also be attended upon request throughout the project.
3. Project work tasks also included are shop drawing review for all equipment and materials, preparation of operation and maintenance manuals, equipment start-up, SCADA configuration assistance, Hach WIMS report configuration, loan services, and reimbursement requests.
4. Construction Administration also includes construction engineering services, for the civil, process, structural, architectural, heating/ventilating, and electrical construction for the facility. Sub-consultants utilized on the construction phase of the project are the same as those used in the design phase.
5. The project scope includes equipment startup services and operator training for the SCADA system upgrades.
6. It is anticipated that this project will be funded by the Wisconsin DNR's Safe Drinking Water Loan Program (SDWLP).

B. Scope of Services –Resident Project Representative

TOWN & COUNTRY ENGINEERING, INC.

Madison ♦ Rhinelander ♦ Kenosha
6264 Nesbitt Road • Madison, WI 53719 • (608) 273-3350 • tce@tcengineers.net

1. Part time inspection services are anticipated for 12 months of the project at an estimated 12 hours per week. This assumes the onsite work will begin approximately 4–6 months after the Notice of Award is issued by the City. Full-time resident inspection is anticipated for the underground work onsite and this is anticipated to be a 2-week period at 40 hours per week.
2. The final cost will greatly depend on the Contractor, his subcontractors, construction schedule, and difficulty of the work undertaken.

The estimated construction cost for the Well #4 Water Treatment Plant project is \$3.1 million. The estimated construction administration services cost for the above scope is \$124,000, and resident project representative services will also be provided for \$83,000; thus the total of these phases is \$207,000.

We at Town & Country Engineering, Inc. wish to thank you for allowing us to serve the City on this project. If you have any questions regarding the above material, please feel free to call.

TOWN & COUNTRY ENGINEERING, INC.

Madison ♦ Rhinelander ♦ Kenosha
6264 Nesblitt Road • Madison, WI 53719 • (608) 273-3350 • tca@tcengineers.net



Northern Lake Service Inc.
ENVIRONMENTAL ANALYTICAL LABORATORY

| Date | Invoice No. |
|----------|-------------|
| 2/7/2023 | 2301022 |

Bill to Name and Address

Nichole DeBaker
Mayville Water/Wastewater Utilities
400 Kekoskee Street
P O Box 273
Mayville, WI 53050

Important Message

Thank you for your Business!

Bill to E-mail: ndebaker@mayvillecity.com

Project Name: 2023 Wastewater Testing

Our Work Order(s): CB00256

Received Via: Speedee (C)

Your PO Number:

Project Desc: 2023 Wastewater Testing

Work Order Date: 1/11/2023

| Description | Matrix | Quantity | Price | Amount |
|---|--------|----------|--------|--------|
| Mercury, Ultra Low Level | WW | 2 | 124.74 | 249.48 |
| Mercury, Low Level by EPA 245.7 | WW | 1 | 80.85 | 80.85 |
| Nitrogen, tot. as N (unfiltered) | WW | 1 | 0.00 | 0.00 |
| Sample Transport | | 1 | 25.00 | 25.00 |
| Nitrogen, NO2 + NO3 as N (filtered) | WW | 1 | 21.37 | 21.37 |
| Nitrogen, Kjeldahl as N (unfiltered) | WW | 1 | 29.80 | 29.80 |
| <p>61-53612-69-317-827 Hg/N Lab Stegs NO 2/15</p> | | | | |

Please Remit to:

Accounts Receivable
Northern Lake Service Inc
400 North Lake Ave
Crandon, WI 54520

accountsreceivable@nslab.com
715-478-2777

| | |
|--------------|----------|
| Total | \$406.50 |
|--------------|----------|

Terms: 30 days net. 1.5% per month on overdue accounts
For Terms and Conditions, or to pay your bill online, please visit www.nslab.com