



**SEWER UTILITY  
DISTRICT NO.1**

8811 Campus Drive  
Mount Pleasant, WI  
53406

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March 8, 2023

Racine Water and Wastewater Utility  
800 Center Street, Room 227  
Racine, WI 53403

Attn: Mr. Nate Tillis  
Wastewater Utility Director

Re: Mt. Pleasant Interceptor Sewer  
Transmission Rate Computations for 2023 City Flows

Dear Mr. Tillis,

Enclosed for your review and presentation to the Wastewater Commission is the rate computation for wastewater generated by City residents and businesses and transported through the Mt. Pleasant interceptor sewer system.

As indicated on the "Transmission Rate Computation" exhibit, the rate per million gallons is based on 2021 costs.

The new rate for 2023 is \$243.39 per million gallons.

Also enclosed for your review are the following supporting documents:

- 2021 O&M Expenses
- Depreciation Schedule
- Contributions in Aid of Construction

If you have any questions regarding the enclosed information, please contact me at (262) 664-7849.

Sincerely,  
Mt. Pleasant Sewer Utility District #1

A handwritten signature in black ink, appearing to read "Anthony J. Beyer".

Anthony J. Beyer, P.E.  
Director of Public Works/Village Engineer

Encl. as Noted

Cc: Mt. Pleasant Utilities Commission

**MT. PLEASANT INTERCEPTORS  
TRANSMISSION RATE COMPUTATIONS**

2022 Year End:

|                        |                    |
|------------------------|--------------------|
| Bryn Mawr Flow         | <u>2,150.15 MG</u> |
| Total Interceptor Flow | 2,150.15 MG        |

Annual Costs:

|                    |           |
|--------------------|-----------|
| Pro-Rated O&M      | \$302,180 |
| Pro-Rated Interest | 0         |
| Depreciation       | \$213,927 |
| Return at 8%       | \$ 7,215  |
| Total Costs        | \$523,322 |

$$\text{Rate} = \$523,322 / 2,150.15 \text{ MG} = \$243.39/\text{MG}$$

**MT. PLEASANT INTERCEPTOR  
2022 COSTS**

O & M Expenses

2021 Audited Expenses \$7,747,832

|                                |   |             |
|--------------------------------|---|-------------|
| Less Office Supplies & Postage | = | \$27,051    |
| Racine Treatment Charges       | = | \$2,517,715 |
| Depreciation                   | = | \$2,052,069 |
| Lateral Rehab. Expense         | = | \$0         |

O&M to be Pro-Rated \$3,150,997

|                            |   |                                         |
|----------------------------|---|-----------------------------------------|
| *Total Length Interceptors | = | 86,930 feet                             |
| Total Length System        | = | 906,371 feet                            |
| Interceptor / System       | = | 9.59%                                   |
| Pro-Rated O&M              | = | $9.59\% \times \$3,150,997 = \$302,180$ |

**MT. PLEASANT INTERCEPTORS - DEPRECIATION**

| INTERCEPTOR<br>(YEAR CONSTRUCTED)               | ORIGINAL<br>COST | 12/31/2022 |           |                  | CURRENT<br>DEPR.<br>1-3/4% | 12/31/2021    |                 | 12/31/2022      |       | 12/31/2022<br>NET<br>VALUE |
|-------------------------------------------------|------------------|------------|-----------|------------------|----------------------------|---------------|-----------------|-----------------|-------|----------------------------|
|                                                 |                  | ADDITIONS  | DELETIONS | COST             |                            | DEPR.         | ACCU.           | DEPR.           | ACCU. |                            |
| Kearney Avenue 1992                             | \$ 31,107.00     | \$ -       | \$ -      | \$ 31,107.00     | \$ -                       | \$ 544.00     | \$ 15,776.00    | \$ 16,320.00    | \$ -  | \$ 14,787.00               |
| Chicory / Meachem 1992                          | \$ 274,744.00    | \$ -       | \$ -      | \$ 274,744.00    | \$ -                       |               | \$ 274,744.00   | \$ 274,744.00   | \$ -  | -                          |
| North Pike River 1970<br>(Washington / Susanne) | \$ 273,518.00    | \$ -       | \$ -      | \$ 273,518.00    | \$ -                       | \$ 4,787.00   | \$ 244,129.00   | \$ 248,916.00   | \$ -  | \$ 24,602.00               |
| 16th Street 1980                                | \$ 54,286.00     | \$ -       | \$ -      | \$ 54,286.00     | \$ -                       | \$ 950.00     | \$ 38,950.00    | \$ 39,900.00    | \$ -  | \$ 14,386.00               |
| Meadowlane Interceptor 1981                     | \$ 211,684.00    | \$ -       | \$ -      | \$ 211,684.00    | \$ -                       | \$ 3,704.00   | \$ 148,164.00   | \$ 151,868.00   | \$ -  | \$ 59,816.00               |
| Pike River / Case Co. / Oakes Road<br>1962      | \$ 18,275.00     | \$ -       | \$ -      | \$ 18,275.00     | \$ -                       |               | \$ 18,275.00    | \$ 18,275.00    | \$ -  | -                          |
| 1966                                            | \$ 112,565.00    | \$ -       | \$ -      | \$ 112,565.00    | \$ -                       | \$ 1,970.00   | \$ 86,417.00    | \$ 88,387.00    | \$ -  | \$ 24,178.00               |
| 1969                                            | \$ 106,899.00    | \$ -       | \$ -      | \$ 106,899.00    | \$ -                       | \$ 1,871.00   | \$ 97,287.00    | \$ 99,158.00    | \$ -  | \$ 7,741.00                |
| 1972                                            | \$ 49,519.00     | \$ -       | \$ -      | \$ 49,519.00     | \$ -                       | \$ 867.00     | \$ 42,476.00    | \$ 43,343.00    | \$ -  | \$ 6,176.00                |
| Mt. Pleasant / Sturtevant 1980                  | \$ 11,114,653.00 | \$ -       | \$ -      | \$ 11,114,653.00 | \$ -                       | \$ 194,506.00 | \$ 7,974,750.00 | \$ 8,169,256.00 | \$ -  | \$ 2,945,397.00            |
| North Pike Ext. 1982                            | \$ 270,144.00    | \$ -       | \$ -      | \$ 270,144.00    | \$ -                       | \$ 4,728.00   | \$ 184,389.00   | \$ 189,117.00   | \$ -  | \$ 81,027.00               |
|                                                 | \$ 12,517,394.00 | \$ -       | \$ -      | \$ 12,517,394.00 | \$ -                       | \$ 213,927.00 | \$ 9,125,357.00 | \$ 9,339,284.00 | \$ -  | \$ 3,178,110.00            |

**MT. PLEASANT INTERCEPTORS - CONTRIBUTIONS - IN-AID OF CONSTRUCTION**

| INTERCEPTOR<br>(YEAR CONSTRUCTED)               | ORIGINAL<br>COST              | STATE / FED<br>GRANTS       | SPECIAL                          |                    | OTHER<br>CONTRIB.             | ACCUM.          |                     | NET<br>INVEST. |
|-------------------------------------------------|-------------------------------|-----------------------------|----------------------------------|--------------------|-------------------------------|-----------------|---------------------|----------------|
|                                                 |                               |                             | SPECIAL<br>ASSESS.<br>RATE / FT. | SPECIAL<br>ASSESS. |                               | 12/31/2022      | DEPR.<br>12/31/2022 |                |
| Kearney Avenue 1992                             | \$ 31,107.00 <sup>(8)</sup>   | \$ -                        | \$ 2.50                          | \$ 30,460.00       | \$ 1,047.00 <sup>(1)(9)</sup> | \$ 16,320.00    | \$ 14,787.00        |                |
| Chicory / Meachem 1992                          | \$ 274,744.00                 | \$ -                        | \$ 2.50                          | \$ -               |                               | \$ 274,744.00   | \$ -                |                |
| North Pike River 1970<br>(Washington / Susanne) | \$ 273,518.00                 | \$ 68,380.00 <sup>(2)</sup> | \$ 6.00                          | \$ 8,520.00        | \$ 5,000.00 <sup>(6)</sup>    | \$ 248,916.00   | \$ -                |                |
| 16th Street 1980                                | \$ 54,286.00                  | \$ -                        | \$ -                             | \$ -               | \$ 54,286.00 <sup>(3)</sup>   | \$ 39,900.00    | \$ -                |                |
| Meadowlane Interceptor 1981                     | \$ 211,684.00                 | \$ -                        | \$ -                             | \$ -               |                               | \$ 151,868.00   | \$ 59,816.00        |                |
| Pike River / Case Co. / Oakes Road<br>1962      | \$ 18,275.00                  | \$ -                        | \$ -                             | \$ -               |                               | \$ 18,275.00    | \$ -                |                |
| 1966                                            | \$ 112,565.00 <sup>(10)</sup> | \$ -                        | \$ 6.00                          | \$ 8,100.00        | \$ 6,669.00 <sup>(7)</sup>    | \$ 88,387.00    | \$ 9,409.00         |                |
| 1969                                            | \$ 106,899.00                 | \$ 26,725.00 <sup>(4)</sup> | \$ 6.00                          | \$ 6,960.00        |                               | \$ 99,158.00    | \$ -                |                |
| 1972                                            | \$ 49,519.00                  | \$ -                        | \$ -                             | \$ -               |                               | \$ 43,343.00    | \$ 6,176.00         |                |
| Mt. Pleasant / Sturtevant 1980                  | \$ 11,114,653.00              | \$ 8,305,773.00             | \$ -                             | \$ -               |                               | \$ 8,169,256.00 | \$ -                |                |
| North Pike Ext. 1982                            | \$ 270,144.00                 | \$ -                        | \$ -                             | \$ -               | \$ 100,000.00 <sup>(5)</sup>  | \$ 189,117.00   | \$ -                |                |
|                                                 | \$ 12,517,394.00              | \$ 8,400,878.00             | \$ -                             | \$ 54,040.00       | \$ 167,002.00                 | \$ 9,339,284.00 | \$ 90,188.00        |                |

<sup>(1)</sup> 1985 and 1988 City purchases were \$9,969.

<sup>(2)</sup> 25% State ORAP Grant.

<sup>(3)</sup> 1988 City purchase of 1/2 interest.

<sup>(4)</sup> 25% State ORAP Grant.

<sup>(5)</sup> S.C. Johnson contribution.

<sup>(6)</sup> Madsen (Knight's Inn) contribution.

<sup>(7)</sup> J.I. Case H.S. contribution.

<sup>(8)</sup> Repurchased from City 1/1/93 - Bryn Mawr to Chicory for \$31,107.

<sup>(9)</sup> Repurchased 1/2 interest in Chicory Road west of Kearney on 1/1/93 for \$8,922.

<sup>(10)</sup> Repurchased Oakes Road south of 16th Street on 1/1/93 for \$448,195.

January 2023

## Mount Pleasant Interceptor Transmission Rates Historical Summary

| Year | Rate (per MG) | Year | Rate (per MG) |
|------|---------------|------|---------------|
| 2001 | \$141.90      | 2015 | \$259.59      |
| 2002 | \$161.60      | 2016 | \$271.51      |
| 2003 | \$210.21      | 2017 | \$235.02      |
| 2004 | \$217.73      | 2018 | \$232.32      |
| 2005 | \$217.73      | 2019 | \$205.70      |
| 2006 | \$331.19      | 2020 | \$192.62      |
| 2007 | \$303.22      | 2021 | \$212.25      |
| 2008 | \$294.24      | 2022 | \$275.75      |
| 2009 | \$263.00      | 2023 | \$243.39      |
| 2010 | \$277.75      |      |               |
| 2011 | \$344.02      |      |               |
| 2012 | \$298.17      |      |               |
| 2013 | \$302.89      |      |               |
| 2014 | \$249.89      |      |               |