

**VILLAGE OF NEWBERRY  
WATER AND LIGHT BOARD MEETING  
REGULAR MEETING  
Tuesday, November 9, 2021  
Meeting Location: 307 E. McMillan Avenue  
Meeting Time: 6:00 p.m.**

**1. CALL TO ORDER**

**2. PLEDGE OF ALLEGIANCE**

**3. ROLL CALL**

**4. APPROVAL OF AGENDA** - Agendas are not final until approved by a majority vote of the Water & Light Board members.

**5. APPROVAL OF MINUTES**

1. Water and Light Board Meeting - Regular Session September 14, 2021

**6. WATER AND LIGHT CHAIRPERSON ANNOUNCEMENTS**

1. None Prescheduled

**7. PUBLIC COMMENTS** – Prior to consideration of official business, citizens may speak on any matter citizens may wish to bring to the attention of the Water and Light Board. Please limit comments to 3 minutes.

**8. SPECIAL TOPIC:**

1. Water Rate Study Review and Update – Great Lakes Community Action RCAP
  - i. Leo Dion and Jason Laney (via ZOOM)
    1. 2021 GLCA RCAP Rate Analysis Report

**9. SUBMISSION OF BILLS AND FINANCIAL UPDATES**

1. Water & Light – Monthly Payables –October 9 to November 5

|                                     |                                     |                     |
|-------------------------------------|-------------------------------------|---------------------|
| 582                                 | <b>ELECTRIC FUND TOTAL EXPENSE:</b> | <b>\$82,296.21</b>  |
| 591                                 | <b>WATER FUND TOTAL EXPENSE:</b>    | <b>\$180,160.08</b> |
| <b>Total amount for both funds:</b> |                                     | <b>\$262,456.29</b> |

2. Save the Bells Bank Account – For Review

|     |  |                    |
|-----|--|--------------------|
| 582 | Save the Bells Bank Balance Summary – as of 10/31/2021 | <b>\$20,090.31</b> |
|-----|--|--------------------|

**10. PETITIONS AND COMMUNICATIONS** – Communications addressed to the Water and Light Board are distributed to all members and are acknowledged for information or are referred to a committee or staff for follow-up.

**11. REPORTS OF VILLAGE MANAGEMENT** – The Village Manager and Superintendent of Water and Light may submit reports or information to the Water and Light Board as updates and consideration.

**1. Working Water and Light Superintendent**

- |  |                               |
|--|-------------------------------|
| a. Monthly Report                      | d. Billed Electric kWh Report |
| b. Electric Consumption/Billing Report | e. Water Pumpage Report       |
| c. Electric Demand Large Power Report  |                               |

**2. Village Manager - verbal**

**12. UNFINISHED BUSINESS**

1. Water & Light Board Seats
2. Pole Study
3. AT&T Pole Rental Update
4. Backup generators for Wells & W&L Building
5. Public Comment Follow-Up from Previous Meeting – none prescheduled

**13. NEW BUSINESS**

1. Water Rate Increase -3% effective December 1 (ACTION ITEM)
  - a) To recommend approval of a 3% increase to the current \$75.00 per REU Water Flat Rate, raising the Water Flat Rate to \$77.25 per REU, effective December 1, 2021.
  - b) Supporting Documents for Review
    - i. 2021 GLCA RCAP Rate Analysis Report (see Section 8, Special Topic)
    - ii. Water and Electric Revenue & Expense Report for 2018 – 2021
    - iii. June 2021 EGLE Lead Service Line Replacement Presentation
    - iv. DWAM Grant Application listing DSMI cost
    - v. Newberry Water Systems Update Letter listing lead line replacement costs
    - vi. 2017 Existing Watermain Map

**14. PUBLIC COMMENT** – see section 7 of this agenda for guidance on process for public comment.

**15. ASSIGNMENT OF PUBLIC COMMENT RESPONSE**

**16. COMMENTS BY BOARD MEMBERS**

**17. ADJOURNMENT - REGULAR MEETING SESSION**

NEWBERRY WATER & LIGHT BOARD  
REGULAR MEETING MINUTES  
Location of meeting: 307 E, McMillan Ave. Newberry, MI  
October 12, 2021

**Present:** Board members: Olson, Hendrickson, Stokes, Vincent.

**Absent:** None.

**Also Present:** Village Manager – Watkins, Clerk –Schummer.

**Call to Order:** The meeting was called to order at 6:00 p.m. by Chairman Stokes, followed by the Pledge of Allegiance.

**Approval of Agenda:** Motion by Vincent, support by Hendrickson, **CARRIED**, to approve agenda as presented.  
Ayes: All.

**Approval of Minutes:** Motion by Vincent, support by Olson, **CARRIED**, to approve the minutes for the September 14, 2021, W&L meeting as presented. Ayes: All.

**Water and Light Chairperson Announcements:** None.

**Public Comments on Agenda Items:** None.

**Submission of Bills and Financial Updates:**

- A.) **Water & Light – Monthly Bills – September 11 to October 8, 2021:** - Motion by Vincent, support by Olson, **CARRIED**, recommend Village Council pay the September 11 to October 8, 2021, Electric Fund bill in the amount of \$239,657.51. Discussion followed. Ayes: Stokes, Hendrickson, Olson, Vincent.  
Motion by Vincent, support by Olson, **CARRIED**, to recommend Village Council pay the September 11 to October 8, 2021, Water Fund bill in the amount of \$8,791.10. Discussion followed. Ayes: Stokes, Hendrickson, Olson, Vincent.
- B.) **Christmas Light Fund** – as of 09/31/2021 - \$19,975.53.

**Petitions and Communications:** None.

**Introduction and Adoption of Ordinances and Resolutions:** None.

**Reports of Village Management:**

- 1.) **Superintendent of Water and Light:** W&L Superintendent Dan Kucinkas submitted a written report and charts.
- 2.) **Village Manager:** Watkins gave a verbal report.

**Unfinished Business:**

- 1.) **Water & Light Board Seats:** There have been no letters of interest submitted for the current open seat. Larry Vincent will not seek being reappointed to the Board as a result there will be two open seats.
- 2.) **2021 Water Rate Changes:** Watkins gave an update on the Water Rate Study. Discussion followed.
- 3.) **Pole Study Proposal:** Watkins gave an update. Discussion followed.
- 4.) **Public Comment Follow-up from Previous Meeting:** None.

**New Business:**

- 1.) **Water & Light Board Chair:** Motion by Hendrickson, support by Olson, **CARRIED**, to have Lori Stokes continue as Water & Light Chairperson. Ayes: Hendrickson, Olson, Vincent. Stokes recused herself from the vote.

**Public Comment:** None.

**Comments by Board Members:** None.

**Adjourn Meeting:** Motion by Vincent, support by Hendrickson, **CARRIED**, to adjourn meeting at 6:45 p.m.  
Ayes: Stokes, Hendrickson, Olson, Vincent.

These minutes are unapproved until voted on at the next meeting.

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Terese Schummer, Clerk

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Lori A. Stokes, Chairperson

## Newberry Water Rate Analysis

### Customer Count Average Number Meters Billed

|                        | 2018       | 2019       | 2020       | Typical Year |
|------------------------|------------|------------|------------|--------------|
| 5/8 inch               | 755        | 755        | 755        | 755          |
| 1 inch                 | 22         | 22         | 22         | 22           |
| 1 1/2 inch             | 2          | 2          | 2          | 2            |
| 2 inch                 | 9          | 9          | 9          | 9            |
| 3 inch                 | 8          | 8          | 8          | 8            |
| 4 inch                 | 1          | 1          | 1          | 1            |
| Unkown                 | 1          | 1          | 1          | 1            |
| <b>Total Customers</b> | <b>798</b> | <b>798</b> | <b>798</b> | <b>798</b>   |

Assume Zero Growth

|                           |                   |                   |                   |                   |
|---------------------------|-------------------|-------------------|-------------------|-------------------|
| Gallons Water Sold        | 31,690,000        | 34,937,000        | 28,454,000        | 31,693,667        |
| <b>Total Gallons Sold</b> | <b>31,690,000</b> | <b>34,937,000</b> | <b>28,454,000</b> | <b>31,693,667</b> |

Average

|                        | 2021       | 2022       | 2023       | 2024       |
|------------------------|------------|------------|------------|------------|
| 5/8 inch               | 755        | 755        | 755        | 755        |
| 1 inch                 | 22         | 22         | 22         | 22         |
| 1 1/2 inch             | 2          | 2          | 2          | 2          |
| 2 inch                 | 9          | 9          | 9          | 9          |
| 3 inch                 | 8          | 8          | 8          | 8          |
| 4 inch                 | 1          | 1          | 1          | 1          |
| Unkown                 | 1          | 1          | 1          | 1          |
| <b>Total Customers</b> | <b>798</b> | <b>798</b> | <b>798</b> | <b>798</b> |

|                           |                   |                   |                   |                   |
|---------------------------|-------------------|-------------------|-------------------|-------------------|
| Gallons Water Sold        | 28,000,000        | 28,000,000        | 28,000,000        | 28,000,000        |
| <b>Total Gallons Sold</b> | <b>28,000,000</b> | <b>28,000,000</b> | <b>28,000,000</b> | <b>28,000,000</b> |

### Water Rates Residential

#### Ready to Serve Charge/Effective Date

|                      |          |          |          |          |
|----------------------|----------|----------|----------|----------|
| Residential          | \$ 75.00 | \$ 75.00 | \$ 75.00 | \$ 75.00 |
| Residential Seasonal | \$ 34.11 | \$ 34.11 | \$ 34.11 | \$ 34.11 |
| Commercial (PER REU) | \$ 75.00 | \$ 75.00 | \$ 75.00 | \$ 75.00 |
| 5/8 inch             | \$ -     | \$ -     | \$ -     | \$ -     |
| 1 inch               | \$ -     | \$ -     | \$ -     | \$ -     |
| 1 1/2 inch           | \$ -     | \$ -     | \$ -     | \$ -     |
| 2 inch               | \$ -     | \$ -     | \$ -     | \$ -     |
| 3 inch               | \$ -     | \$ -     | \$ -     | \$ -     |
| 4 inch               | \$ -     | \$ -     | \$ -     | \$ -     |

The addition of a Ready-to-Serve charge base on meter size and capacity (see Water EDU Rates tab)

|                 |        |        |        |        |
|-----------------|--------|--------|--------|--------|
| \$/1000 gallons | \$0.00 | \$0.00 | \$0.00 | \$0.00 |
|-----------------|--------|--------|--------|--------|

Annual 2% Increase  
1.02

|          |          |          |          |
|----------|----------|----------|----------|
| \$ 75.00 | \$ 77.25 | \$ 78.80 | \$ 80.37 |
| \$ 34.11 | \$ 35.13 | \$ 35.84 | \$ 36.55 |
| \$ 75.00 | \$ 77.25 | \$ 78.80 | \$ 80.37 |
| \$ -     |          |          |          |
| \$ -     |          |          |          |
| \$ -     |          |          |          |
| \$ -     |          |          |          |
| \$ -     |          |          |          |
| \$ -     |          |          |          |

|        |        |        |        |
|--------|--------|--------|--------|
| \$0.00 | \$0.00 | \$0.00 | \$0.00 |
|--------|--------|--------|--------|

### Revenue

|                              |                   |                   |                   |                   |
|------------------------------|-------------------|-------------------|-------------------|-------------------|
| Water Sales                  | \$ 937,606        | \$ 925,295        | \$ 907,891        | \$ 907,891        |
| Water RTS                    |                   |                   |                   |                   |
| Commodity Sales              |                   |                   |                   |                   |
| Water- Penalties & Late Fees | \$ 12,429         | \$ 10,639         | \$ 4,462          | \$ 11,534         |
| Service Fees                 | \$ 450            | \$ -              | \$ 26             | \$ -              |
| State Grant- MDARD           | \$ -              | \$ 9,905          | \$ -              | \$ -              |
| Interest Earned              | \$ 1,309          | \$ 2,289          | \$ 2,056          | \$ 1,799          |
| <b>Total Revenue</b>         | <b>\$ 951,793</b> | <b>\$ 948,128</b> | <b>\$ 914,435</b> | <b>\$ 921,224</b> |

|                   |                   |                   |                   |
|-------------------|-------------------|-------------------|-------------------|
| \$ 907,891        | \$ 935,128        | \$ 953,830        | \$ 972,907        |
| \$ -              | \$ -              | \$ -              | \$ -              |
| \$ -              | \$ -              | \$ -              | \$ -              |
| \$ 6,000          | \$ 6,000          | \$ 6,000          | \$ 6,000          |
| \$ 200            | \$ 200            | \$ 200            | \$ 200            |
| \$ -              | \$ -              | \$ -              | \$ -              |
| \$ 2,000          | \$ 2,000          | \$ 2,000          | \$ 2,000          |
| <b>\$ 916,091</b> | <b>\$ 943,328</b> | <b>\$ 962,030</b> | <b>\$ 981,107</b> |

| Inflation                          | 2.00% |        |    |         |    |        | 2.00% |         | 2.00% | 2.00% | 2.00%  | 2.00% |        |    |        |    |        |
|------------------------------------|-------|--------|----|---------|----|--------|-------|---------|-------|-------|--------|-------|--------|----|--------|----|--------|
| Expenses                           |       |        |    |         |    |        |       |         |       |       |        |       |        |    |        |    |        |
| Wages                              | \$    | 81,676 | \$ | 120,563 | \$ | 64,733 | \$    | 120,563 | 1.02  | \$    | 80,747 | \$    | 82,362 | \$ | 84,009 | \$ | 85,689 |
| Salaries                           | \$    | 13,486 | \$ | 44,252  | \$ | 48,451 | \$    | 28,869  | 1.02  | \$    | 49,400 | \$    | 50,388 | \$ | 51,396 | \$ | 52,424 |
| Compensation-Elected               | \$    | 425    | \$ | 2,074   | \$ | 2,074  | \$    | 2,074   | 1.02  | \$    | 2,500  | \$    | 2,550  | \$ | 2,601  | \$ | 2,653  |
| Vacation Pay                       | \$    | 5,466  | \$ | 33,275  | \$ | 12,010 | \$    | 19,370  | 1.02  | \$    | 7,000  | \$    | 7,140  | \$ | 7,283  | \$ | 7,428  |
| Holiday Pay                        | \$    | 4,033  | \$ | 8,897   | \$ | 6,044  | \$    | 6,465   | 1.02  | \$    | 7,500  | \$    | 7,650  | \$ | 7,803  | \$ | 7,959  |
| Employer's FICA                    | \$    | 10,244 | \$ | 16,591  | \$ | 10,599 | \$    | 13,417  | 1.02  | \$    | 10,300 | \$    | 10,506 | \$ | 10,716 | \$ | 10,930 |
| Unemployment                       | \$    | 8,541  | \$ | 1,155   | \$ | -      | \$    | 4,848   | 1.02  | \$    | -      | \$    | -      | \$ | -      | \$ | -      |
| Health Ins. Buyout                 | \$    | 5,470  | \$ | -       | \$ | -      | \$    | 2,735   | 1.02  | \$    | -      | \$    | -      | \$ | -      | \$ | -      |
| Overtime                           | \$    | 2,723  | \$ | 6,096   | \$ | 4,272  | \$    | 4,410   | 1.02  | \$    | 2,400  | \$    | 2,448  | \$ | 2,497  | \$ | 2,547  |
| Funeral Leave                      | \$    | -      | \$ | 833     | \$ | 72     | \$    | 417     | 1.02  | \$    | -      | \$    | -      | \$ | -      | \$ | -      |
| Retirement- MERS- Employer P       | \$    | 28,532 | \$ | 47,707  | \$ | 37,094 | \$    | 47,707  | 1.02  | \$    | 32,000 | \$    | 32,640 | \$ | 33,293 | \$ | 33,959 |
| Medical Screening pre-employment   | \$    | -      | \$ | -       | \$ | 281    | \$    | -       | 1.02  | \$    | -      | \$    | -      | \$ | -      | \$ | -      |
| Hospitalization                    | \$    | 43,572 | \$ | 72,698  | \$ | 34,523 | \$    | 72,698  | 1.02  | \$    | 38,000 | \$    | 38,760 | \$ | 39,535 | \$ | 40,326 |
| H S A                              | \$    | 7,833  | \$ | 11,681  | \$ | 6,781  | \$    | 9,757   | 1.02  | \$    | 7,400  | \$    | 7,548  | \$ | 7,699  | \$ | 7,853  |
| Sick Pay                           | \$    | 17     | \$ | 17,989  | \$ | 3,784  | \$    | 9,003   | 1.02  | \$    | 6,000  | \$    | 6,120  | \$ | 6,242  | \$ | 6,367  |
| Worker Comp.                       | \$    | 1,463  | \$ | 4,082   | \$ | 1,846  | \$    | 2,773   | 1.02  | \$    | 3,000  | \$    | 3,060  | \$ | 3,121  | \$ | 3,184  |
| Life Insurance                     | \$    | 299    | \$ | 1,175   | \$ | 1,140  | \$    | 737     | 1.02  | \$    | 500    | \$    | 510    | \$ | 520    | \$ | 531    |
| Final Payout                       | \$    | 12,485 | \$ | -       | \$ | -      | \$    | 6,242   | 1.02  | \$    | -      | \$    | -      | \$ | -      | \$ | -      |
| Settlement                         | \$    | -      | \$ | 4,000   | \$ | 2,000  | \$    | 2,000   | 1.02  | \$    | -      | \$    | -      | \$ | -      | \$ | -      |
| License Fees                       | \$    | -      | \$ | 3,334   | \$ | -      | \$    | 1,667   | 1.02  | \$    | -      | \$    | -      | \$ | -      | \$ | -      |
| Office Supplies                    | \$    | 1,198  | \$ | 956     | \$ | 220    | \$    | 1,077   | 1.02  | \$    | 1,000  | \$    | 1,020  | \$ | 1,040  | \$ | 1,061  |
| Operating Supplies                 | \$    | 7,622  | \$ | 10,995  | \$ | 9,002  | \$    | 10,995  | 1.02  | \$    | 8,000  | \$    | 8,160  | \$ | 8,323  | \$ | 8,490  |
| IT Software                        | \$    | 19,591 | \$ | 3,632   | \$ | 3,507  | \$    | 11,611  | 1.02  | \$    | 5,000  | \$    | 5,100  | \$ | 5,202  | \$ | 5,306  |
| Tools & Equip. Under Cap Threshold | \$    | 2,226  | \$ | 3,745   | \$ | 6      | \$    | 2,986   | 1.02  | \$    | 1,000  | \$    | 1,020  | \$ | 1,040  | \$ | 1,061  |
| Gas, Oil & Grease                  | \$    | 3,061  | \$ | 2,885   | \$ | 1,736  | \$    | 2,973   | 1.02  | \$    | 3,000  | \$    | 3,060  | \$ | 3,121  | \$ | 3,184  |
| Uniforms                           | \$    | 860    | \$ | 1,509   | \$ | 317    | \$    | 1,184   | 1.02  | \$    | 1,000  | \$    | 1,020  | \$ | 1,040  | \$ | 1,061  |
| CDL License                        | \$    | -      | \$ | -       | \$ | 3      | \$    | -       | 1.02  | \$    | 10     | \$    | 10     | \$ | 10     | \$ | 11     |
| Building Maintenance               | \$    | 986    | \$ | 126     | \$ | 33     | \$    | 556     | 1.02  | \$    | 8,000  | \$    | 8,160  | \$ | 8,323  | \$ | 8,490  |
| Professional & Contractual         | \$    | 23,260 | \$ | 21,869  | \$ | 18,060 | \$    | 21,869  | 1.02  | \$    | 30,000 | \$    | 30,600 | \$ | 31,212 | \$ | 31,836 |
| Legal                              | \$    | 6,622  | \$ | 7,637   | \$ | 26     | \$    | 7,637   | 1.02  | \$    | 4,000  | \$    | 4,080  | \$ | 4,162  | \$ | 4,245  |
| Collection Expense                 | \$    | 52     | \$ | 63      | \$ | -      | \$    | 57      | 1.02  | \$    | 500    | \$    | 510    | \$ | 520    | \$ | 531    |
| Lease Expense                      | \$    | -      | \$ | 1,232   | \$ | 202    | \$    | -       | 1.02  | \$    | -      | \$    | -      | \$ | -      | \$ | -      |
| Telephone                          | \$    | 162    | \$ | 2,952   | \$ | 2,562  | \$    | 2,952   | 1.02  | \$    | 3,000  | \$    | 3,060  | \$ | 3,121  | \$ | 3,184  |
| Postage                            | \$    | 1,498  | \$ | 2,151   | \$ | 2,026  | \$    | 2,151   | 1.02  | \$    | 2,000  | \$    | 2,040  | \$ | 2,081  | \$ | 2,122  |
| Admin. Allocation                  | \$    | 88,958 | \$ | -       | \$ | -      | \$    | -       | 1.02  | \$    | -      | \$    | -      | \$ | -      | \$ | -      |
| Publishing & Printing              | \$    | 3,204  | \$ | 2,168   | \$ | 1,932  | \$    | 2,168   | 1.02  | \$    | 3,000  | \$    | 3,060  | \$ | 3,121  | \$ | 3,184  |
| Professional Development           | \$    | 1,632  | \$ | 2,056   | \$ | 1,770  | \$    | 1,844   | 1.02  | \$    | 1,500  | \$    | 1,530  | \$ | 1,561  | \$ | 1,592  |
| Water Meter Replacement            | \$    | -      | \$ | -       | \$ | -      | \$    | -       | 1.02  | \$    | -      | \$    | -      | \$ | -      | \$ | -      |
| Travel                             | \$    | 105    | \$ | 580     | \$ | 848    | \$    | 580     | 1.02  | \$    | 500    | \$    | 510    | \$ | 520    | \$ | 531    |
| Memberships & Subscriptions        | \$    | 993    | \$ | 1,717   | \$ | 1,748  | \$    | 1,717   | 1.02  | \$    | 2,000  | \$    | 2,040  | \$ | 2,081  | \$ | 2,122  |
| Heat                               | \$    | 371    | \$ | 1,465   | \$ | 1,324  | \$    | 918     | 1.02  | \$    | 1,700  | \$    | 1,734  | \$ | 1,769  | \$ | 1,804  |
| Repairs & Maintenance              | \$    | 5,353  | \$ | 2,629   | \$ | 9,267  | \$    | 3,991   | 1.02  | \$    | 3,000  | \$    | 3,060  | \$ | 3,121  | \$ | 3,184  |

|   |                   |                   |                   |                   |
|---|-------------------|-------------------|-------------------|-------------------|
| Vehicles Repairs & Maintenance                  | \$ 1,476          | \$ 895            | \$ 1,232          | \$ 1,186          |
| Property Liability Insurance                    | \$ 6,905          | \$ 6,913          | \$ 10,356         | \$ 6,909          |
| Equipment Rental                                | \$ 703            | \$ 5,075          | \$ 640            | \$ 2,889          |
| Miscellaneous                                   | \$ -              | \$ 250            | \$ -              | \$ 250            |
| <b>Total Water Operations &amp; Maintenance</b> | <b>\$ 403,102</b> | <b>\$ 479,897</b> | <b>\$ 302,520</b> | <b>\$ 444,250</b> |

**Depreciation** \$ 5,993 \$ 282,166 \$ 281,418 \$ 281,418

|   |            |            |            |            |
|---|------------|------------|------------|------------|
| Capital Outlay Building                     | \$ -       | \$ 4,430   | \$ -       | \$ 2,215   |
| Capital Outlay                              | \$ -       | \$ 1,568   | \$ -       | \$ 784     |
| Principal Notes & Payable 2005              | \$ -       | \$ -       | \$ -       | \$ -       |
| Principal 2009 Jr Water Bond                | \$ -       | \$ -       | \$ -       | \$ -       |
| Principal 2014 Water Bond                   | \$ -       | \$ -       | \$ -       | \$ -       |
| Interest 2005                               | \$ 81,364  | \$ 80,396  | \$ 78,870  | \$ 80,880  |
| Interest 2009 Jr Water Bond                 | \$ 10,991  | \$ 10,890  | \$ 10,684  | \$ 10,941  |
| Interest 2014 Water Bond                    | \$ 126,094 | \$ 124,249 | \$ 121,911 | \$ 125,172 |
| Interfund Transfer Out- Major               | \$ -       | \$ 3,256   | \$ -       | \$ 1,628   |
| CIP Fund                                    | \$ -       | \$ -       | \$ -       | \$ -       |
| Lead line Replacement                       | \$ -       | \$ -       | \$ -       | \$ -       |
| Bond Reserve Fund 2005                      | \$ -       | \$ -       | \$ -       | \$ -       |
| Bond Reserve Fund 2014                      | \$ -       | \$ 14,745  | \$ 14,745  | \$ -       |
| Bond Interest and Payments                  | \$ -       | \$ 367,553 | \$ 367,465 | \$ -       |
| Emergency Fund                              | \$ -       | \$ -       | \$ -       | \$ -       |
| Repair, Replacement & Improvement Fund 2005 | \$ -       | \$ 14,600  | \$ 14,600  | \$ -       |
| Repair, Replacement & Improvement Fund 2014 | \$ -       | \$ -       | \$ -       | \$ -       |

Capital Expenses \$ 218,449 \$ 621,687 \$ 608,275 \$ 221,619

Total Expenses \$ 621,551 \$ 1,101,584 \$ 910,795 \$ 665,869

Cash Surplus / Loss \$ 330,243 \$ 128,710 \$ 285,058 \$ 255,355  
Margin 34.70% 13.58% 31.17% 27.72%

#### Fund Balances

|  |             |             |             |             |
|--|-------------|-------------|-------------|-------------|
| Water Fund                             |             |             |             |             |
| Debt Service Reserve Fund              |             |             |             |             |
| Emergency Fund                         |             |             |             |             |
| Repair, Replacement & Improvement Fund |             |             |             |             |
| <b>Total Cash Available</b>            | <b>\$ -</b> | <b>\$ -</b> | <b>\$ -</b> | <b>\$ -</b> |

|      |                   |                   |                   |                   |
|------|-------------------|-------------------|-------------------|-------------------|
| 1.02 | \$ 2,500          | \$ 2,550          | \$ 2,601          | \$ 2,653          |
| 1.02 | \$ 12,000         | \$ 12,240         | \$ 12,485         | \$ 12,734         |
| 1.02 | \$ 3,000          | \$ 3,060          | \$ 3,121          | \$ 3,184          |
| 1.02 | \$ 1,500          | \$ 1,530          | \$ 1,561          | \$ 1,592          |
|      | <b>\$ 343,957</b> | <b>\$ 350,836</b> | <b>\$ 357,853</b> | <b>\$ 365,010</b> |

\$ 281,418 \$ 281,418 \$ 281,418 \$ 281,418

|            |            |            |            |
|------------|------------|------------|------------|
| \$ -       | \$ -       | \$ -       | \$ -       |
| \$ -       | \$ -       | \$ -       | \$ -       |
| \$ -       | \$ -       | \$ -       | \$ -       |
| \$ -       | \$ -       | \$ -       | \$ -       |
| \$ -       | \$ -       | \$ -       | \$ -       |
| \$ -       | \$ -       | \$ -       | \$ -       |
| \$ -       | \$ -       | \$ -       | \$ -       |
| \$ -       | \$ -       | \$ -       | \$ -       |
| \$ 60,000  | \$ 60,000  | \$ 60,000  | \$ 60,000  |
| \$ 84,000  | \$ 84,000  | \$ 84,000  | \$ 84,000  |
| \$ -       | \$ -       | \$ -       | \$ -       |
| \$ 23,000  | \$ 23,000  | \$ 23,000  | \$ 23,000  |
| \$ 367,269 | \$ 366,951 | \$ 366,525 | \$ 368,975 |
| \$ -       | \$ -       | \$ -       | \$ -       |

\$ 27,745 \$ 27,745 \$ 27,745 \$ 27,745

\$ 22,948 \$ 22,948 \$ 22,948 \$ 22,948

\$ 584,962 \$ 584,644 \$ 584,218 \$ 586,668

\$ 928,919 \$ 935,480 \$ 942,071 \$ 951,678

\$ (12,828) \$ 7,848 \$ 19,960 \$ 29,429  
-1.40% 0.83% 2.07% 3.00%

|      |      |      |      |
|------|------|------|------|
| \$ - | \$ - | \$ - | \$ - |
|------|------|------|------|

**2021- Water and Light Payables**  
**October 8 to November 5**

Page 1 of 4

| GL Number                             | Inv. Line Desc                | Vendor                    | Invoice Desc.                            | Due Date | Amount   |
|---------------------------------------|-------------------------------|---------------------------|--|----------|----------|
| <b>Fund 582 Electric Fund</b>         |                               |                           |  |          |          |
| <b>Dept 000</b>                       |                               |                           |  |          |          |
| 582-000-042.000                       | UNAPPLIED CREDIT              | CAMERON CLARENCE          | UB refund for account: 5-04460-02        | 10/20/21 | 149.01   |
| 582-000-042.000                       | UNAPPLIED CREDIT              | GOHEEN TERI               | UB refund for account: 1-00550-06        | 10/20/21 | 24.06    |
|                                       |                               |                           | Total For Dept 000                       |          | 173.07   |
| <b>Dept 582 ELECTRIC DISTRIBUTION</b> |                               |                           |  |          |          |
| 582-582-726.000                       | LIFE INSURANCE                | STANDARD, THE             | LIFE INS                                 | 11/01/21 | 14.68    |
| 582-582-850.000                       | UVERSE- LARGE CAPACITY METE   | ATT U.VERSE               | LARGE CAPACITY METER UVERSE              | 10/23/21 | 30.14    |
|                                       |                               |                           | Total For Dept 582 ELECTRIC DISTRIBUTION |          | 44.82    |
| <b>Dept 583 GENERAL EXPENSES</b>      |                               |                           |  |          |          |
| 582-583-719.000                       | HOSPITALIZATION               | 44 NORTH                  | COBRA RETIREES                           | 11/21/21 | 3.22     |
| 582-583-725.000                       | WORKERS' COMPENSATION         | MML WORKERS' COMP FUND    | WORKER COMP FUND                         | 03/15/22 | 367.33   |
| 582-583-726.000                       | LIFE INSURANCE                | STANDARD, THE             | LIFE INS                                 | 11/01/21 | 52.41    |
| 582-583-751.000                       | LICENSE FEES                  | HELEN NEWBERRY JOY HOSP   | LABS                                     | 11/10/21 | 21.25    |
| 582-583-752.000                       | OFFICE SUPPLIES               | AMAZON CAPITAL SERVICES   | BATTERIES                                | 11/08/21 | 3.83     |
| 582-583-752.000                       | OFFICE SUPPLIES               | NATIONAL OFFICE           | PAPER                                    | 11/10/21 | 10.94    |
| 582-583-752.100                       | OPERATING SUPPLIES            | RAHILLY IGA               | WATER                                    | 11/10/21 | 5.00     |
| 582-583-752.100                       | OPERATING SUPPLIES            | DOLLAR GENERAL            | SHIPPING SUPPLIES                        | 11/12/21 | 7.25     |
| 582-583-752.100                       | OPERATING SUPPLIES            | RAHILLY IGA               | WATER & TRASH BAGS                       | 12/10/21 | 5.74     |
| 582-583-752.100                       | OPERATING SUPPLIES            | AMAZON CAPITAL SERVICES   | TIME CARDS                               | 12/01/21 | 11.75    |
| 582-583-752.100                       | OPERATING SUPPLIES            | AMAZON CAPITAL SERVICES   | DISINFECTING WIPES                       | 12/01/21 | 12.65    |
| 582-583-752.100                       | OPERATING SUPPLIES            | AMAZON CAPITAL SERVICES   | LOCKOUT TAGS                             | 12/01/21 | 94.93    |
| 582-583-752.200                       | IT SOFTWARE                   | BS&A SOFTWARE             | BS&A SOFTWARE ANNUAL SERVICE/SUPPORT     | 11/30/21 | 1,076.00 |
| 582-583-752.200                       | IT SOFTWARE                   | I.T. RIGHT                | QUARTER EMAIL SUBSCRIPTIONS              | 12/01/21 | 120.00   |
| 582-583-752.200                       | IT SOFTWARE                   | ZOOM                      | MEETINGS                                 | 11/02/21 | 48.02    |
| 582-583-753.000                       | TOOLS & EQUIP (UND CAP THRES) | J HARLEN CO.              | TOOL HOLDER                              | 10/18/21 | 177.95   |
| 582-583-759.000                       | GAS & OIL - ELECTRIC          | WEX BANK - SPEEDWAY UNIV  | GAS/FUEL                                 | 11/22/21 | 206.04   |
| 582-583-767.000                       | CLOTHING - UNIFORMS           | TYNDALE USA               | FR PANTS                                 | 10/11/21 | 434.90   |
| 582-583-767.000                       | CLOTHING - UNIFORMS           | AMAZON CAPITAL SERVICES   | METER READER UNIFORMS                    | 11/10/21 | 119.99   |
| 582-583-767.000                       | CLOTHING - UNIFORMS           | AMAZON CAPITAL SERVICES   | ICE CLEATS/ WINTER HATS                  | 11/10/21 | 55.71    |
| 582-583-767.000                       | CLOTHING - UNIFORMS           | TYNDALE USA               | SHORTAGE ON PAYMENT                      | 10/13/21 | 0.10     |
| 582-583-767.000                       | CLOTHING - UNIFORMS           | AMAZON CAPITAL SERVICES   | METER READER BOOTS                       | 12/01/21 | 71.74    |
| 582-583-801.000                       | PROFESSIONAL & CONTRACTUAL    | MUNETRIX LLC              | LEVEL 3 MUNICIPAL LICENSE                | 12/01/21 | 939.25   |
| 582-583-801.000                       | PROFESSIONAL AND CONTRACTU    | RANGE TELECOMMUNICATIO    | MISSDIGS                                 | 11/02/21 | 15.64    |
| 582-583-801.200                       | LEGAL                         | SONDEE, RACINE & DOREN PI | LEGAL COUNCIL                            | 10/30/21 | 75.00    |
| 582-583-850.000                       | 906-291-0055 HR               | VERIZON                   | ACCOUNT NUMBER 942077532-00002 - CELL    | 11/06/21 | 11.66    |
| 582-583-850.000                       | 906-291-0608 LINEMAN          | VERIZON                   | ACCOUNT NUMBER 942077532-00002 - CELL    | 11/06/21 | 23.33    |
| 582-583-850.000                       | 906-450-0919 LINEMAN          | VERIZON                   | ACCOUNT NUMBER 942077532-00002 - CELL    | 11/06/21 | 20.83    |
| 582-583-850.000                       | 906-291-0136 MECHANIC         | VERIZON                   | ACCOUNT NUMBER 942077532-00002 - CELL    | 11/06/21 | 20.83    |
| 582-583-850.000                       | 906-293-5681 W/L CLERK 40%    | VERIZON                   | ACCOUNT NUMBER 942077532-00003 DESK      | 11/06/21 | 10.74    |

**2021- Water and Light Payables**  
**October 8 to November 5**

Page 2 of 4

| GL Number                           | Inv. Line Desc                 | Vendor                          | Invoice Desc.                               | Due Date | Amount           |
|-------------------------------------|--------------------------------|---------------------------------|---|----------|------------------|
| 582-583-850.000                     | 906-293-8531                   | VERIZON                         | ACCOUNT NUMBER 942077532-00003 DESK         | 11/06/21 | 13.45            |
| 582-583-850.000                     | 906-291-1625 FINANCE           | VERIZON                         | ACCOUNT NUMBER 942077532-00003 DESK         | 11/06/21 | 7.01             |
| 582-583-850.000                     | 906-293-3433 GENRAL            | VERIZON                         | ACCOUNT NUMBER 942077532-00003 DESK         | 11/06/21 | 7.01             |
| 582-583-850.000                     | 906-291-1223                   | VERIZON                         | ACCOUNT NUMBER 942077532-00003 DESK         | 11/06/21 | 7.01             |
| 582-583-850.000                     | 906-291-1621                   | VERIZON                         | ACCOUNT NUMBER 942077532-00003 DESK         | 11/06/21 | 7.01             |
| 582-583-850.000                     | 906-291-1622 H.R.              | VERIZON                         | ACCOUNT NUMBER 942077532-00003 DESK         | 11/06/21 | 7.01             |
| 582-583-850.000                     | 906-291-1627 W/L               | VERIZON                         | ACCOUNT NUMBER 942077532-00003 DESK         | 11/06/21 | 14.02            |
| 582-583-850.000                     | TELEPHONE                      | AT&T                            | WATER/LIGHT PHONE                           | 11/08/21 | 48.40            |
| 582-583-850.000                     | JAMADOTS - FIBER-OPTICS        | HTC-HIAWATHA TELEPHONE          | ACCT 00042364-7                             | 11/24/21 | 17.50            |
| 582-583-850.000                     | JAMADOTS INTERNET              | HTC-HIAWATHA TELEPHONE          | ACCT 00042108-7                             | 11/24/21 | 25.93            |
| 582-583-851.000                     | POSTAGE                        | ARISTA INFORMATION SYSTEMS      | UB POSTAGE                                  | 10/30/21 | 241.33           |
| 582-583-851.000                     | POSTAGE                        | UPS                             | PICK UP -- SHIP OF RELAY TO CTC ENGINEERING | 10/14/21 | 7.56             |
| 582-583-900.000                     | PRINTING AND PUBLISHING        | ARISTA INFORMATION SYSTEMS      | UB BILLIG                                   | 10/30/21 | 206.70           |
| 582-583-900.000                     | PUBLISHING & PRINTING          | NEWBERRY NEWS INC               | FALL BRUSH/ELECTRONIC RECYCLING/ MEETING    | 11/30/21 | 36.00            |
| 582-583-921.000                     | HEAT                           | SEMCOENERGY GAS COMPANY         | WATER LIGHT BUILDING NATURAL GAS 238.500    | 11/23/21 | 20.15            |
| 582-583-921.000                     | HEAT                           | SEMCOENERGY GAS COMPANY         | GENERATION BUILDING NATURAL GAS 237.500     | 11/23/21 | 48.21            |
| 582-583-932.000                     | VEHICLES REPAIRS & MAINTENANCE | BURBACH SALES & SERVICE         | TIRES FOR TRUCK #15                         | 11/08/21 | 608.00           |
| 582-583-932.000                     | VEHICLES REPAIRS & MAINTENANCE | LYNN AUTO PARTS INC.            | BATTERY                                     | 11/10/21 | 283.98           |
| 582-583-932.000                     | VEHICLES REPAIRS & MAINTENANCE | LYNN AUTO PARTS INC.            | RAGS IN BOX & EXT LIFE GAL                  | 11/10/21 | 42.57            |
|                                     |                                |                                 | Total For Dept 583 GENERAL EXPENSES         |          | 5,672.88         |
|                                     |                                |                                 |   |          |                  |
| <b>Dept 586 PURCHASED POWER</b>     |                                |                                 |   |          |                  |
| 582-586-801.000                     | PROFESSIONAL AND CONTRACTUAL   | MICHIGAN PUBLIC POWER AUTHORITY | VOLUNTARY GREEN PRICING/RENEWABLE PORTFOLIO | 10/25/21 | 18.22            |
| 582-586-926.000                     | PURCHASED POWER                | CMS ENERGY RESOURCE MGMT        | PURCHASED POWER                             | 11/22/21 | 56,530.26        |
| 582-586-926.000                     | PURCHASED POWER                | CLOVERLAND ELECTRIC CO-OP       | MONTHLY POWER BILL                          | 11/24/21 | 4,484.73         |
| 582-586-926.100                     | ATC TRANSMISSION MONTHLY IN    | AMERICAN TRANSMISSION CO        | PURCHASED POWER - CAPACITY                  | 11/08/21 | 12,311.39        |
|                                     |                                |                                 | Total For Dept 586 PURCHASED POWER          |          | 73,344.60        |
|                                     |                                |                                 |   |          |                  |
| <b>Dept 587 ENERGY OPTIMIZATION</b> |                                |                                 |   |          |                  |
| 582-587-801.000                     | PROFESSIONAL & CONTRACTUAL     | MECA                            | MONTHLY INCENTIVES                          | 11/04/21 | 3,060.84         |
|                                     |                                |                                 | Total For Dept 587 ENERGY OPTIMIZATION      |          | 3,060.84         |
|                                     |                                |                                 |   |          |                  |
|                                     |                                |                                 | <b>Total For Fund 582 Electric Fund</b>     |          | <b>82,296.21</b> |



**2021- Water and Light Payables**  
**October 8 to November 5**

Page 3 of 4

| GL Number                    | Inv. Line Desc             | Vendor                    | Invoice Desc.                         | Due Date | Amount   |
|------------------------------|----------------------------|---------------------------|---------------------------------------|----------|----------|
| <b>Fund 591 Water Fund</b>   |                            |                           |                                       |          |          |
| <b>Dept 536 WATER SYSTEM</b> |                            |                           |                                       |          |          |
| 591-536-719.000              | HOSPITALIZATION            | 44 NORTH                  | COBRA RETIREES                        | 11/21/21 | 2.70     |
| 591-536-725.000              | WORKERS' COMPENSATION      | MML WORKERS' COMP FUND    | WORKER COMP FUND                      | 03/15/22 | 450.88   |
| 591-536-726.000              | LIFE INSURANCE             | STANDARD, THE             | LIFE INS                              | 11/01/21 | 170.20   |
| 591-536-752.000              | OFFICE SUPPLIES            | AMAZON CAPITAL SERVICES   | BATTERIES                             | 11/08/21 | 3.82     |
| 591-536-752.000              | OFFICE SUPPLIES            | NATIONAL OFFICE           | PAPER                                 | 11/10/21 | 10.93    |
| 591-536-752.000              | OFFICE SUPPLIES            | AMAZON CAPITAL SERVICES   | DESK CALENDARS                        | 12/01/21 | 10.29    |
| 591-536-752.100              | OPERATING SUPPLIES         | RAHILLY IGA               | WATER                                 | 11/10/21 | 5.00     |
| 591-536-752.100              | OPERATING SUPPLIES         | HAWKINS INC               | AZONE 15                              | 11/20/21 | 386.64   |
| 591-536-752.100              | OPERATING SUPPLIES         | HAWKINS INC               | 1000 GALLON TANK                      | 11/20/21 | 426.37   |
| 591-536-752.100              | OPERATING SUPPLIES         | RAHILLY IGA               | WATER & TRASH BAGS                    | 12/10/21 | 5.74     |
| 591-536-752.100              | OPERATING SUPPLIES         | AMAZON CAPITAL SERVICES   | TIME CARDS                            | 12/01/21 | 11.75    |
| 591-536-752.100              | OPERATING SUPPLIES         | AMAZON CAPITAL SERVICES   | DISINFECTING WIPES                    | 12/01/21 | 12.65    |
| 591-536-752.200              | IT SOFTWARE                | BS&A SOFTWARE             | BS&A SOFTWARE ANNUAL SERVICE/SUPPORT  | 11/30/21 | 1,076.00 |
| 591-536-752.200              | IT SOFTWARE                | I.T. RIGHT                | QUARTER EMAIL SUBSCRIPTIONS           | 12/01/21 | 120.00   |
| 591-536-752.200              | IT SOFTWARE                | ZOOM                      | MEETINGS                              | 11/02/21 | 21.08    |
| 591-536-759.000              | GAS, OIL & GREASE - WATER  | WEX BANK - SPEEDWAY UNIV  | GAS/FUEL                              | 11/22/21 | 206.04   |
| 591-536-767.000              | UNIFORMS                   | AMAZON CAPITAL SERVICES   | METER READER UNIFORMS                 | 11/10/21 | 119.99   |
| 591-536-767.000              | UNIFORMS                   | AMAZON CAPITAL SERVICES   | ICE CLEATS/ WINTER HATS               | 11/10/21 | 55.72    |
| 591-536-767.000              | UNIFORMS                   | AMAZON CAPITAL SERVICES   | METER READER BOOTS                    | 12/01/21 | 71.73    |
| 591-536-776.000              | BUILDING MAINTENANCE       | FOSTER HARDWARE           | PIPE PVC                              | 11/10/21 | 8.57     |
| 591-536-801.000              | PROFESSIONAL & CONTRACTUAL | GINNEVER ELECTRIC         | CHANGED MAIN BREAKER AT PUMP HOUSE    | 11/10/21 | 300.00   |
| 591-536-801.000              | PROFESSIONAL & CONTRACTUAL | MUNETRIX LLC              | LEVEL 3 MUNICIPAL LICENSE             | 12/01/21 | 939.25   |
| 591-536-801.000              | PROFESSIONAL & CONTRACTUAL | SAULT STE MARIE CITY HALL | MONTHLY WATER SAMPLES                 | 11/06/21 | 60.00    |
| 591-536-801.000              | PROFESSIONAL & CONTRACTUAL | STATE OF MICHIGAN         | WSSN: 04720: NEWBERRY WATER & LIGHT   | 11/30/21 | 1,340.28 |
| 591-536-801.000              | PROFESSIONAL & CONTRACTUAL | RANGE TELECOMMUNICATIONS  | MISSDIGS                              | 11/02/21 | 15.64    |
| 591-536-801.200              | LEGAL                      | SONDEE, RACINE & DOREN PI | LEGAL COUNCIL                         | 10/30/21 | 75.00    |
| 591-536-850.000              | 906-450-0919 LINEMAN       | VERIZON                   | ACCOUNT NUMBER 942077532-00002 - CELL | 11/06/21 | 20.83    |
| 591-536-850.000              | 906-291-0608 LINEMAN       | VERIZON                   | ACCOUNT NUMBER 942077532-00002 - CELL | 11/06/21 | 23.33    |
| 591-536-850.000              | 906-291-0055 HR            | VERIZON                   | ACCOUNT NUMBER 942077532-00002 - CELL | 11/06/21 | 11.66    |
| 591-536-850.000              | 906-293-5681 W/L CLERK 40% | VERIZON                   | ACCOUNT NUMBER 942077532-00003 DESK   | 11/06/21 | 10.74    |
| 591-536-850.000              | 906-293-3433 GENERAL       | VERIZON                   | ACCOUNT NUMBER 942077532-00003 DESK   | 11/06/21 | 7.01     |
| 591-536-850.000              | 906-291-1625 FINANCE       | VERIZON                   | ACCOUNT NUMBER 942077532-00003 DESK   | 11/06/21 | 7.01     |
| 591-536-850.000              | 906-291-1627 W/L           | VERIZON                   | ACCOUNT NUMBER 942077532-00003 DESK   | 11/06/21 | 14.02    |
| 591-536-850.000              | 906-291-1622 H.R.          | VERIZON                   | ACCOUNT NUMBER 942077532-00003 DESK   | 11/06/21 | 7.01     |
| 591-536-850.000              | 906-291-1621               | VERIZON                   | ACCOUNT NUMBER 942077532-00003 DESK   | 11/06/21 | 7.01     |
| 591-536-850.000              | 906-291-1223               | VERIZON                   | ACCOUNT NUMBER 942077532-00003 DESK   | 11/06/21 | 7.01     |
| 591-536-850.000              | TELEPHONE                  | AT&T                      | WATER/LIGHT PHONE                     | 11/08/21 | 48.41    |

**2021- Water and Light Payables**  
**October 8 to November 5**

Page 4 of 4

| GL Number       | Inv. Line Desc            | Vendor                     | Invoice Desc.                            | Due Date | Amount            |
|-----------------|---------------------------|----------------------------|--|----------|-------------------|
| 591-536-850.000 | JAMADOT'S FIBER- OPTICS   | HTC-HIAWATHA TELEPHONE     | ACCT 00042364-7                          | 11/24/21 | 17.50             |
| 591-536-850.000 | TELEPHONE                 | HTC-HIAWATHA TELEPHONE     | ACCT 00042108-7                          | 11/24/21 | 25.92             |
| 591-536-851.000 | POSTAGE                   | ARISTA INFORMATION SYSTEMS | UB POSTAGE                               | 10/30/21 | 136.14            |
| 591-536-900.000 | PUBLISHING & PRINTING     | ARISTA INFORMATION SYSTEMS | UB BILLIG                                | 10/30/21 | 116.60            |
| 591-536-921.000 | HEAT                      | SEMCOENERGY GAS COMPANY    | WATER LIGHT BUILDING NATURAL GAS 238.500 | 11/23/21 | 20.15             |
| 591-536-929.000 | REPAIRS & MAINTENANCE     | FOSTER HARDWARE            | CPVC ADPTER/CPVC90 ELBOWS                | 12/10/21 | 7.94              |
| 591-536-991.400 | PRINCIPAL 2014 WATER BOND | UNITED STATES OF AMERICA   | WATER BOND                               | 11/01/21 | 114,000.00        |
| 591-536-992.400 | INTEREST 2014 WATER BOND  | UNITED STATES OF AMERICA   | WATER BOND                               | 11/01/21 | 59,765.52         |
|                 |                           |                            | Total For Dept 536 WATER SYSTEM          |          | 180,160.08        |
|                 |                           |                            | <b>Total For Fund 591 Water Fund</b>     |          | <b>180,160.08</b> |
|                 |                           |                            |  |          |                   |
|                 |                           |                            |  |          |                   |
|                 |                           | Fund Totals:               |  |          |                   |
|                 |                           |                            | <b>Fund 582 Electric Fund</b>            |          | <b>82,296.21</b>  |
|                 |                           |                            | <b>Fund 591 Water Fund</b>               |          | <b>180,160.08</b> |
|                 |                           |                            |  |          |                   |
|                 |                           |                            | <b>Total For All Funds:</b>              |          | <b>262,456.29</b> |



# VILLAGE OF NEWBERRY



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302 East McMillan Avenue, Newberry, MI 49868 Phone: 906-293-3433 Fax: 906-293-8890

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## **Newberry Water and Light Dept Dan Kucinkas Water & Light Supt. October 2021**

- Read all meters
- Red tags
- Disconnects/Reconnects
- Multiple Miss Digs
- Daily Well Inspection
- Monthly Water Samples
- Inspect and Repair Street Lights On Main Street
- Working On Christmas Bows (Stars Are All Rewired)
- Building New Line Behind Wastewater Treatment Plant
- Draining Fire Hydrants (All Drained)
- Multi-Seasonal Disconnects
- Pulled More Poles
- Installed New Chlorine Tank At Wells (6&7)

# 2021 - ELECTRIC CONSUMPTION / BILLING

| 2021  | RESIDENTIAL |          |              |             |               | COMMERCIAL |         |              |               | LARGE POWER |        |               |              | DEMAND    |        |                   |
|-------|-------------|----------|--------------|-------------|---------------|------------|---------|--------------|---------------|-------------|--------|---------------|--------------|-----------|--------|-------------------|
|       | ER KW       | METERS   | ER FUEL ADJ  | EO BASE     | ER AMT BILLED | EC KW      | METERS  | EC FUEL ADJ  | EC AMT BILLED | LG KW       | METERS | LG AMT BILLED | FUEL ADJ     | DEMAND KW | METERS | DEMAND AMT BILLED |
| JAN   | 624623.00   | 1175     | \$ 7,082.82  | \$ 896.71   | \$ 65,409.54  | 238552.00  | 211     | \$ 2,644.34  | \$ 27,834.38  | 505861.00   | 15     | \$ 26,657.52  | \$ 5,759.59  | 1257.00   | 13     | \$ 12,218.20      |
| FEB   | 810495.00   | 1176     | \$ 9,132.17  | \$ 1,167.64 | \$ 84,886.04  | 240110.00  | 211     | \$ 2,652.86  | \$ 27,889.02  | 489417.00   | 15     | \$ 25,771.35  | \$ 5,585.60  | 1254.00   | 13     | \$ 12,159.16      |
| MAR   | 619596.00   | 1171     | \$ 7,027.20  | \$ 890.19   | \$ 64,880.81  | 285227.00  | 211     | \$ 3,174.67  | \$ 33,412.00  | 484895.00   | 15     | \$ 25,583.38  | \$ 5,631.26  | 1439.00   | 13     | \$ 13,229.82      |
| APR   | 740875.00   | 1173     | \$ 8,378.75  | \$ 1,067.54 | \$ 77,591.91  | 215209.00  | 210     | \$ 2,391.38  | \$ 25,143.86  | 535153.00   | 15     | \$ 28,176.38  | \$ 6,044.18  | 1443.00   | 13     | \$ 13,191.44      |
| MAY   | 652162.00   | 1177     | \$ 7,343.29  | \$ 936.34   | \$ 68,293.72  | 237290.00  | 210     | \$ 2,641.70  | \$ 27,791.28  | 417126.00   | 15     | \$ 22,075.08  | \$ 4,758.23  | 1431.00   | 13     | \$ 13,154.38      |
| JUN   | 420968.00   | 1173     | \$ 4,741.22  | \$ 603.67   | \$ 44,081.42  | 172426.00  | 211     | \$ 1,919.28  | \$ 20,193.35  | 399861.00   | 15     | \$ 21,072.64  | \$ 4,480.52  | 1442.00   | 13     | \$ 13,252.78      |
| JUL   | 644925.00   | 1197     | \$ 7,198.66  | \$ 916.30   | \$ 67,534.51  | 271668.00  | 212     | \$ 3,023.96  | \$ 31,842.21  | 634659.00   | 15     | \$ 33,436.39  | \$ 7,091.42  | 1514.00   | 13     | \$ 13,784.40      |
| AUG   | 525981.00   | 1191     | \$ 6,109.56  | \$ 747.48   | \$ 55,074.95  | 294167.00  | 211     | \$ 3,419.75  | \$ 34,662.06  | 561910.00   | 16     | \$ 29,626.63  | \$ 6,552.28  | 1553.00   | 14     | \$ 14,105.65      |
| SEPT  | 677145.00   | 1187     | \$ 8,007.29  | \$ 965.37   | \$ 70,898.27  | 289053.00  | 209     | \$ 3,395.78  | \$ 33,920.01  | 677680.00   | 15     | \$ 35,720.34  | \$ 8,012.02  | 1560.00   | 13     | \$ 14,145.20      |
| OCT   | 534947.00   | 1197     | \$ 6,325.28  | \$ 762.99   | \$ 56,010.59  | 235631.00  | 209     | \$ 2,768.13  | \$ 27,651.04  | 527463.00   | 15     | \$ 27,795.55  | \$ 6,222.69  | 1566.00   | 13     | \$ 14,194.40      |
| NOV   |             |          |              |             |               |            |         |              |               |             |        |               |              |           |        |                   |
| DEC   |             |          |              |             |               |            |         |              |               |             |        |               |              |           |        |                   |
| TOTAL |             | 11817.00 | \$ 71,346.24 | \$ 8954.23  | \$ 654,661.76 | 2479333.00 | 2105.00 | \$ 28,031.85 | \$ 290,339.21 | 5234025.00  | 151.00 | \$ 275,915.26 | \$ 60,137.79 | 14459.00  | 131.00 | \$ 133,435.43     |
| AVG   | 625171.7    | 1181.7   | 7134.624     | 895.423     | 65466.176     | 247933.3   | 210.5   | 2803.185     | 29033.921     | 523402.5    | 15.1   | 27591.526     | 6013.779     | 1445.9    | 13.1   | 13343.543         |

TOTAL Kwh 7727.82  
AVERAGE MET 1420.4

## Water & Light

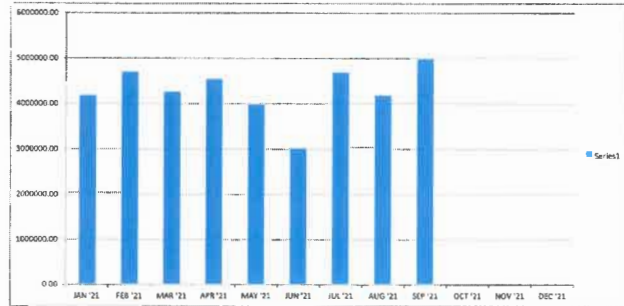
### Electric Demand Report Large Power/Industrial 2021

| MONTH: | LG POWER/INDUSTRIAL | BILLED AMOUNT |
|--------|---------------------|---------------|
| DEC'20 | 1248.00             | \$ 12,159.16  |
| JAN    | 1257.00             | \$ 12,218.20  |
| FEB    | 1254.00             | \$ 12,159.16  |
| MAR    | 1439.00             | \$ 13,229.82  |
| APR    | 1443.00             | \$ 13,191.44  |
| MAY    | 1431.00             | \$ 13,154.38  |
| JUN    | 1442.00             | \$ 13,252.78  |
| JUL    | 1514.00             | \$ 13,784.40  |
| AUG    | 1553.00             | \$ 14,105.65  |
| SEP    | 1560.00             | \$ 14,145.20  |
| OCT    | 1566.00             | \$ 14,194.40  |
| NOV    |                     |               |
| DEC    |                     |               |



Water & Light  
Billed Electric kWh Report - 2021

| MONTH:  | RES/COM kWh | DEM. BILLED   | RES/COM BILL    | CONSUMER'S    | MPPA      | MISO         | ATC           | CEC-HYDRO    | 2021 PAID     | 2020 PAID     | 2019 PAID     | 2018 PAID       | 2017 PAID       | 2016 PAID       | 2015 PD:        | SAVED: [2021 vs 2020] |
|---------|-------------|---------------|-----------------|---------------|-----------|--------------|---------------|--------------|---------------|---------------|---------------|-----------------|-----------------|-----------------|-----------------|-----------------------|
| JAN '21 | 4194033.00  | \$ 12,218.20  | \$ 169,228.30   | \$ 69,784.77  | \$ 138.93 | \$ 2,113.91  | \$ 12,311.39  | \$ 4,969.27  | \$ 89,318.27  | \$ 96,004.09  | \$ 109,949.71 | \$ 129,527.53   | \$ 120,334.74   | \$ 103,229.84   | \$ 146,688.48   | \$ 16,485.82          |
| FEB '21 | 4719170.00  | \$ 12,159.16  | \$ 190,183.21   | \$ 69,202.26  | \$ 52.80  | \$ 3,377.59  | \$ 12,311.39  | \$ 5,044.92  | \$ 89,988.96  | \$ 88,999.51  | \$ 101,672.04 | \$ 119,847.55   | \$ 111,398.64   | \$ 102,655.98   | \$ 168,324.53   | \$ 1,589.45           |
| MAR '21 | 4282045.00  | \$ 13,229.82  | \$ 175,673.55   | \$ 65,991.46  | \$ 23.01  | \$ 3,153.85  | \$ 12,311.39  | \$ 5,015.36  | \$ 86,495.07  | \$ 87,456.14  | \$ 99,435.07  | \$ 62,464.90    | \$ 114,411.84   | \$ 130,780.97   | \$ 135,195.29   | \$ 1,861.07           |
| APR '21 | 4554004.00  | \$ 13,191.44  | \$ 182,641.36   | \$ 59,697.52  | \$ 30.52  | \$ 3,372.90  | \$ 12,311.39  | \$ 5,194.68  | \$ 80,607.01  | \$ 78,936.48  | \$ 95,210.19  | \$ 106,956.15   | \$ 106,494.00   | \$ 98,265.91    | \$ 114,707.13   | \$ 1,670.53           |
| MAY '21 | 3992762.00  | \$ 13,154.38  | \$ 166,978.49   | \$ 53,298.00  | \$ 18.64  | \$ 2,638.28  | \$ 11,717.39  | \$ 5,352.86  | \$ 73,025.17  | \$ 74,634.28  | \$ 84,813.79  | \$ 99,338.04    | \$ 98,979.16    | \$ 121,856.40   | \$ 145,099.13   | \$ 11,609.11          |
| JUN '21 | 3028358.00  | \$ 13,252.78  | \$ 129,594.98   | \$ 60,345.74  | \$ 102.09 | \$ 2,553.37  | \$ 12,311.39  | \$ 5,280.83  | \$ 80,593.42  | \$ 75,428.75  | \$ 75,983.75  | \$ 82,250.55    | \$ 103,696.18   | \$ 106,919.67   | \$ 121,802.87   | \$ 5,164.67           |
| JUL '21 | 4713446.00  | \$ 13,784.40  | \$ 185,372.65   | \$ 62,222.43  | \$ 70.09  | \$ 2,553.06  | \$ 12,311.39  | \$ 5,377.80  | \$ 82,534.77  | \$ 87,721.08  | \$ 85,289.65  | \$ 90,756.59    | \$ 102,915.90   | \$ 60,546.96    | \$ 74,453.89    | \$ 15,185.31          |
| AUG '21 | 4203445.00  | \$ 14,105.65  | \$ 170,622.63   | \$ 68,193.68  | \$ 26.40  | \$ 3,135.71  | \$ 10,740.39  | \$ 5,094.10  | \$ 86,690.28  | \$ 80,026.04  | \$ 80,431.43  | \$ 115,480.83   | \$ 102,013.56   | \$ 118,956.76   | \$ 55,814.19    | \$ 6,864.24           |
| SEP '21 | 5005400.00  | \$ 14,145.20  | \$ 196,185.24   | \$ 52,871.13  | \$ 18.22  | \$ 3,259.09  | \$ 10,703.39  | \$ 5,307.35  | \$ 72,159.18  | \$ 74,884.12  | \$ 79,439.06  | \$ 85,710.61    | \$ 98,627.29    | \$ 115,892.05   | \$ 93,525.67    | \$ 12,724.94          |
| OCT '21 |             |               |                 |               |           |              |               |              | \$ -          | \$ 82,221.63  | \$ 75,035.13  | \$ 84,092.82    | \$ 97,767.67    | \$ 107,256.72   | \$ 122,946.54   |                       |
| NOV '21 |             |               |                 |               |           |              |               |              | \$ -          | \$ 79,294.58  | \$ 94,303.42  | \$ 95,811.47    | \$ 114,041.05   | \$ 103,927.00   | \$ 64,483.12    |                       |
| DEC '21 |             |               |                 |               |           |              |               |              | \$ -          | \$ 89,927.82  | \$ 94,672.40  | \$ 102,589.66   | \$ 123,757.90   | \$ 118,349.60   | \$ 157,862.67   |                       |
|         | 38702663.00 | \$ 119,241.03 | \$ 1,566,480.41 | \$ 561,606.99 | \$ 480.70 | \$ 26,157.76 | \$ 106,529.51 | \$ 46,637.17 | \$ 741,412.13 | \$ 905,006.70 | \$ 981,563.24 | \$ 1,072,237.04 | \$ 1,294,437.93 | \$ 1,288,637.86 | \$ 1,400,903.51 | \$ 2,078.36           |



17169.48

| MONTH    | Recorded Gallons Pumped<br>1st -30th/31st month | Amounts<br>(16th to 15th of the month prior)  | Actual Revenue Received                       | Billed Reu's<br>(16th to 15th of the month prior) | Gallons Billed<br>(16th to 15th of the month prior) | Difference between gallons pumped and | Monthly Revenue Goal                  | % OF GOAL                | Difference between Revenue Collected and Monthly Revenue Goal |
|----------|---|---|---|---|---|---------------------------------------|---------------------------------------|--------------------------|---|
| JAN'21   | 5,103,200.00                                    | \$ 73,984.00                                  | \$ 75,966.72                                  | 986.45  | 2,959,350.00  | 2,143,850.00                          | \$ 76,850.00                          | 98.9%                    | -\$883.28   |
| FEB'21   | 5,695,000.00                                    | \$ 73,750.14                                  | \$ 76,430.25                                  | 983.34  | 2,950,020.00  | 2,744,980.00                          | \$ 76,850.00                          | 99.5%                    | -\$419.75   |
| MAR '21  | 5,292,000.00                                    | \$ 73,962.50                                  | \$ 75,624.00                                  | 986.17  | 2,958,510.00  | 2,333,490.00                          | \$ 76,850.00                          | 98.4%                    | -\$1,226.00   |
| APR '21  | 6,519,600.00                                    | \$ 74,252.57                                  | \$ 76,154.78                                  | 990.03  | 2,970,090.00  | 3,549,510.00                          | \$ 76,850.00                          | 99.1%                    | -\$695.22   |
| MAY '21  | 6,870,200.00                                    | \$ 74,762.50                                  | \$ 75,024.11                                  | 996.83  | 2,990,490.00  | 3,879,710.00                          | \$ 76,850.00                          | 97.6%                    | -\$1,825.89   |
| JUNE'21  | 8,245,400.00                                    | \$ 75,399.26                                  | \$ 77,245.09                                  | 1,005.32  | 3,015,960.00  | 5,229,440.00                          | \$ 76,850.00                          | 100.5%                   | \$395.09  |
| JULY '21 | 9,767,500.00                                    | \$ 76,088.17                                  | \$ 76,881.92                                  | 1,014.51  | 3,043,530.00  | 6,723,970.00                          | \$ 76,850.00                          | 100.0%                   | \$31.92   |
| AUG '21  | 9,490,100.00                                    | \$ 76,349.79                                  | \$ 76,738.16                                  | 1,017.99  | 3,053,970.00  | 6,436,130.00                          | \$ 76,850.00                          | 99.9%                    | -\$111.84   |
| SEPT '21 | 10,384,900.00                                   | \$ 77,587.09                                  | \$ 76,455.95                                  | 1,034.49  | 3,103,470.00  | 7,281,430.00                          | \$ 76,850.00                          | 99.5%                    | -\$394.05   |
| OCT '21  | 9,040,500.00                                    | \$ 77,671.04                                  | \$ 76,749.50                                  | 1,023.33  | 3,069,990.00  | 5,970,510.00                          | \$ 76,850.00                          | 99.9%                    | -\$100.50   |
| NOV '21  |   |   |   |   | -   | -                                     | \$ -                                  | #DIV/0!                  | \$0.00  |
| DEC '21  |   |   |   |   | -   | -                                     | \$ -                                  | #DIV/0!                  | \$0.00  |
|          | <b>Total Gallons Pumped<br/>76,408,400.00</b>   | <b>Total Billed Amounts<br/>\$ 753,807.06</b> | <b>Total Actual Revenue<br/>\$ 763,270.48</b> | <b>Billed REU's<br/>\$ 10,038.46</b>              | <b>Gallons Billed<br/>\$ 30,115,380.00</b>          | <b>46,293,020.00</b>                  | <b>Revenue Goal<br/>\$ 768,500.00</b> | <b>% OF GOAL<br/>99%</b> | <b>Total<br/>-\$4,655.05</b>                                  |



Month Ended: December

| GL NUMBER               | DESCRIPTION                    | BALANCE<br>AS OF<br>12/31/2018 | BALANCE<br>AS OF<br>12/31/2019 | BALANCE<br>AS OF<br>12/31/2020 | BALANCE<br>AS OF<br>12/31/2021 |
|-------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|
| Fund 591 - Water Fund   |                                |                                |                                |                                |                                |
| Revenues                |                                |                                |                                |                                |                                |
| Dept 000                |                                |                                |                                |                                |                                |
| 591-000-551.000         | STATE GRANT - MDARD            | 0.00                           | 0.00                           | 0.00                           | 0.00                           |
| 591-000-645.000         | WATER SALES                    | 937,605.72                     | 925,295.33                     | 869,187.48                     | 687,590.61                     |
| 591-000-645.200         | SERVICE FEES - WATER           | 450.00                         | 0.00                           | 25.63                          | 0.00                           |
| 591-000-645.500         | WATER- PENALTIES & LATE FEES   | 12,429.26                      | 10,550.08                      | 4,461.78                       | 5,545.19                       |
| 591-000-645.600         | BOND REVENUE                   | 0.00                           | 0.00                           | 0.00                           | 0.00                           |
| 591-000-665.000         | INTEREST EARNED                | 1,308.51                       | 2,288.87                       | 2,056.25                       | 1,072.91                       |
| 591-000-681.000         | REIMBURSE - INS CLAIM          | 0.00                           | 0.00                           | 0.00                           | 0.00                           |
| 591-000-686.000         | REIMBURSEMENT                  | 0.00                           | 0.00                           | 0.00                           | 0.00                           |
| 591-000-699.202         | INTERFUND TRANSFERS IN - MAJOR | 0.00                           | 0.00                           | 0.00                           | 0.00                           |
| Total Dept 000          |                                | 951,793.49                     | 938,134.28                     | 875,731.14                     | 694,208.71                     |
| TOTAL REVENUES          |                                | 951,793.49                     | 938,134.28                     | 875,731.14                     | 694,208.71                     |
| Expenditures            |                                |                                |                                |                                |                                |
| Dept 536 - WATER SYSTEM |                                |                                |                                |                                |                                |
| 591-536-702.000         | WAGES                          | 81,676.45                      | 120,563.41                     | 64,733.00                      | 73,977.24                      |
| 591-536-702.100         | WAGE REIMBURSEMENT             | 0.00                           | 0.00                           | 0.00                           | 0.00                           |
| 591-536-703.000         | SALARIES                       | 13,485.79                      | 44,251.68                      | 48,451.39                      | 36,872.76                      |
| 591-536-704.100         | COMPENSATION-ELECTED           | 424.81                         | 2,074.24                       | 2,074.00                       | 1,374.28                       |
| 591-536-705.000         | VACATION PAY                   | 5,465.76                       | 7,463.09                       | 7,067.40                       | 5,386.30                       |
| 591-536-706.000         | HOLIDAY PAY                    | 4,032.81                       | 8,896.67                       | 6,044.20                       | 3,591.63                       |
| 591-536-709.000         | EMPLOYER'S FICA                | 10,244.06                      | 16,590.50                      | 10,599.03                      | 9,842.44                       |
| 591-536-710.000         | UNEMPLOYMENT                   | 8,541.14                       | 1,155.46                       | 0.00                           | 0.00                           |
| 591-536-712.000         | HEALTH INSURANCE BUYOUT        | 5,469.74                       | 0.00                           | 0.00                           | 0.00                           |
| 591-536-713.000         | OVERTIME                       | 2,722.96                       | 6,186.47                       | 4,272.27                       | 3,959.73                       |
| 591-536-714.000         | LONGEVITY                      | 0.00                           | 0.00                           | 0.00                           | 0.00                           |
| 591-536-716.000         | FUNERAL LEAVE                  | 0.00                           | 833.16                         | 72.17                          | 367.28                         |
| 591-536-717.000         | RETIREMENT - MERS - EMPLOYER P | 28,531.54                      | 47,707.01                      | 37,094.13                      | 33,713.47                      |
| 591-536-718.000         | MEDICAL SCREENING - PRE EMPLOY | 0.00                           | 0.00                           | 280.67                         | 265.00                         |
| 591-536-719.000         | HOSPITALIZATION                | 43,571.95                      | 72,697.75                      | 34,522.56                      | 31,896.90                      |
| 591-536-720.000         | VISION                         | 0.00                           | 0.00                           | 0.00                           | 0.00                           |
| 591-536-721.000         | H S A                          | 7,833.32                       | 11,680.51                      | 6,781.15                       | 4,680.00                       |
| 591-536-722.000         | DENTAL                         | 0.00                           | 0.00                           | 0.00                           | 0.00                           |
| 591-536-724.000         | SICK PAY                       | (17.21)                        | 17,988.53                      | 5,594.57                       | 2,419.77                       |
| 591-536-725.000         | WORKERS' COMPENSATION          | 1,462.94                       | 4,082.13                       | 1,845.77                       | 1,194.29                       |
| 591-536-726.000         | LIFE INSURANCE                 | 298.61                         | 1,174.61                       | 1,139.80                       | 822.15                         |
| 591-536-728.000         | OVERHEAD REIMBURSEMENT         | 0.00                           | 0.00                           | 0.00                           | 0.00                           |
| 591-536-729.000         | FINAL PAYOUT                   | 12,484.70                      | 0.00                           | 0.00                           | 0.00                           |
| 591-536-730.000         | SETTLEMENT                     | 0.00                           | 4,000.00                       | 1,999.99                       | 0.00                           |
| 591-536-751.000         | LICENSE FEES                   | 0.00                           | 0.00                           | 0.00                           | 0.00                           |
| 591-536-752.000         | OFFICE SUPPLIES                | 1,198.07                       | 955.62                         | 219.53                         | 341.81                         |
| 591-536-752.100         | OPERATING SUPPLIES             | 7,622.48                       | 10,995.25                      | 9,002.31                       | 4,717.87                       |
| 591-536-752.200         | IT SOFTWARE                    | 19,590.85                      | 3,631.55                       | 3,506.56                       | 1,946.28                       |
| 591-536-753.000         | TOOLS & EQUIP UND CAP THRESH   | 2,226.33                       | 3,745.19                       | 5.99                           | 2,370.93                       |
| 591-536-759.000         | GAS, OIL & GREASE              | 3,061.17                       | 2,884.69                       | 1,735.97                       | 1,845.84                       |
| 591-536-767.000         | UNIFORMS                       | 859.88                         | 1,508.60                       | 316.63                         | 410.95                         |
| 591-536-768.000         | CDL LICENSE                    | 0.00                           | 0.00                           | 2.50                           | 20.00                          |
| 591-536-769.000         | DRUG TESTING                   | 0.00                           | 0.00                           | 0.00                           | 62.50                          |
| 591-536-776.000         | BUILDING MAINTENANCE           | 985.54                         | 126.32                         | 33.23                          | 8.99                           |
| 591-536-801.000         | PROFESSIONAL & CONTRACTUAL     | 23,260.34                      | 21,869.14                      | 18,060.15                      | 13,620.00                      |
| 591-536-801.200         | LEGAL                          | 6,621.87                       | 7,637.37                       | 26.25                          | 277.50                         |
| 591-536-802.000         | COLLECTION EXPENSE             | 52.24                          | 62.56                          | 0.00                           | 0.00                           |
| 591-536-803.000         | BAD DEBT EXPENSE               | 0.00                           | 0.00                           | 0.00                           | 0.00                           |
| 591-536-804.000         | LEASE EXPENSE                  | 0.00                           | 1,231.62                       | 201.81                         | 0.00                           |
| 591-536-811.000         | WATER CONSTRUCTION             | 0.00                           | 0.00                           | 0.00                           | 0.00                           |
| 591-536-850.000         | TELEPHONE                      | 161.79                         | 2,951.76                       | 2,561.91                       | 1,932.27                       |
| 591-536-851.000         | POSTAGE                        | 1,497.52                       | 2,150.67                       | 2,025.84                       | 2,696.64                       |
| 591-536-888.000         | ADMINISTRATIVE ALLOCATION      | 88,958.00                      | 0.00                           | 0.00                           | 0.00                           |
| 591-536-900.000         | PUBLISHING & PRINTING          | 3,204.48                       | 2,168.19                       | 1,931.88                       | 1,698.21                       |
| 591-536-910.000         | PROFESSIONAL DEVELOPMENT       | 1,631.70                       | 2,055.59                       | 1,770.00                       | 620.00                         |
| 591-536-913.000         | TRAVEL                         | 104.94                         | 579.82                         | 847.94                         | 231.15                         |
| 591-536-915.000         | MEMBERSHIPS & SUBSCRIPTIONS    | 992.75                         | 1,716.50                       | 1,748.11                       | 1,432.80                       |
| 591-536-921.000         | HEAT                           | 370.77                         | 1,464.68                       | 1,324.43                       | 982.71                         |
| 591-536-929.000         | REPAIRS & MAINTENANCE          | 5,352.97                       | 2,628.80                       | 9,266.67                       | 2,569.11                       |
| 591-536-932.000         | VEHICLES REPAIRS & MAINTENANCE | 1,475.90                       | 895.10                         | 1,231.60                       | 514.50                         |
| 591-536-935.000         | PROPERTY LIABILITY INSURANCE   | 6,904.85                       | 6,912.50                       | 4,732.32                       | 14,268.19                      |
| 591-536-940.000         | EQUIPMENT RENTAL               | 703.45                         | 5,074.54                       | 640.29                         | 500.08                         |
| 591-536-956.000         | MISCELLANEOUS                  | 0.00                           | 250.00                         | 0.00                           | 0.00                           |
| 591-536-968.000         | DEPRECIATION EXPENSE           | 5,992.75                       | 277,558.79                     | 281,280.63                     | 0.00                           |
| 591-536-968.100         | BOND RESERVE 2014              | 297,260.06                     | 0.00                           | 0.00                           | 0.00                           |
| 591-536-971.000         | CAPITAL OUTLAY BUILDING        | 0.00                           | 0.00                           | 0.00                           | 295.80                         |
| 591-536-973.000         | CAPITAL OUTLAY                 | 0.00                           | 0.00                           | 0.00                           | 0.00                           |
| 591-536-980.000         | CAPT OUTLAY-OFFICE EQUIP & FUR | 0.00                           | 0.00                           | 0.00                           | 0.00                           |

Month Ended: December

| GL NUMBER                      | DESCRIPTION                    | BALANCE<br>AS OF<br>12/31/2018 | BALANCE<br>AS OF<br>12/31/2019 | BALANCE<br>AS OF<br>12/31/2020 | BALANCE<br>AS OF<br>12/31/2021 |
|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|
| Fund 591 - Water Fund          |                                |                                |                                |                                |                                |
| Expenditures                   |                                |                                |                                |                                |                                |
| 591-536-991.000                | RRI 2014                       | 0.00                           | 0.00                           | 0.00                           | 0.00                           |
| 591-536-991.100                | PRINCIPAL NOTES PAYABLE 2005   | 0.00                           | 0.00                           | 0.00                           | 41,000.00                      |
| 591-536-991.200                | RRI 2005                       | 0.00                           | 0.00                           | 0.00                           | 0.00                           |
| 591-536-991.300                | PRINCIPAL 2009 JR WATER BOND   | 0.00                           | 0.00                           | 0.00                           | 5,000.00                       |
| 591-536-991.400                | PRINCIPAL 2014 WATER BOND      | 0.00                           | 0.00                           | 0.00                           | 0.00                           |
| 591-536-992.100                | INTEREST 2005                  | 81,364.09                      | 79,632.51                      | 78,870.00                      | 77,260.94                      |
| 591-536-992.300                | INTEREST 2009 JR WATER BOND    | 10,990.94                      | 10,787.20                      | 10,683.74                      | 10,477.80                      |
| 591-536-992.400                | INTEREST 2014 WATER BOND       | 126,094.28                     | 123,646.54                     | 121,911.24                     | 59,765.62                      |
| 591-536-995.202                | INTERFUND TRANSFER OUT - MAJOR | 0.00                           | 0.00                           | 0.00                           | 0.00                           |
| Total Dept 536 - WATER SYSTEM  |                                | 924,769.38                     | 942,466.32                     | 786,509.63                     | 457,231.73                     |
| Dept 537 - SEWER SYSTEM        |                                |                                |                                |                                |                                |
| 591-537-752.200                | IT SOFTWARE                    | 0.00                           | 0.00                           | 0.00                           | 21.08                          |
| Total Dept 537 - SEWER SYSTEM  |                                | 0.00                           | 0.00                           | 0.00                           | 21.08                          |
| TOTAL EXPENDITURES             |                                | 924,769.38                     | 942,466.32                     | 786,509.63                     | 457,252.81                     |
| Fund 591 - Water Fund:         |                                |                                |                                |                                |                                |
| TOTAL REVENUES                 |                                | 951,793.49                     | 938,134.28                     | 875,731.14                     | 694,208.71                     |
| TOTAL EXPENDITURES             |                                | 924,769.38                     | 942,466.32                     | 786,509.63                     | 457,252.81                     |
| NET OF REVENUES & EXPENDITURES |                                | 27,024.11                      | (4,332.04)                     | 89,221.51                      | 236,955.90                     |

# Service Line Replacement



MICHIGAN DEPARTMENT OF  
ENVIRONMENT, GREAT LAKES, AND ENERGY

# Service Line Replacement Mandate

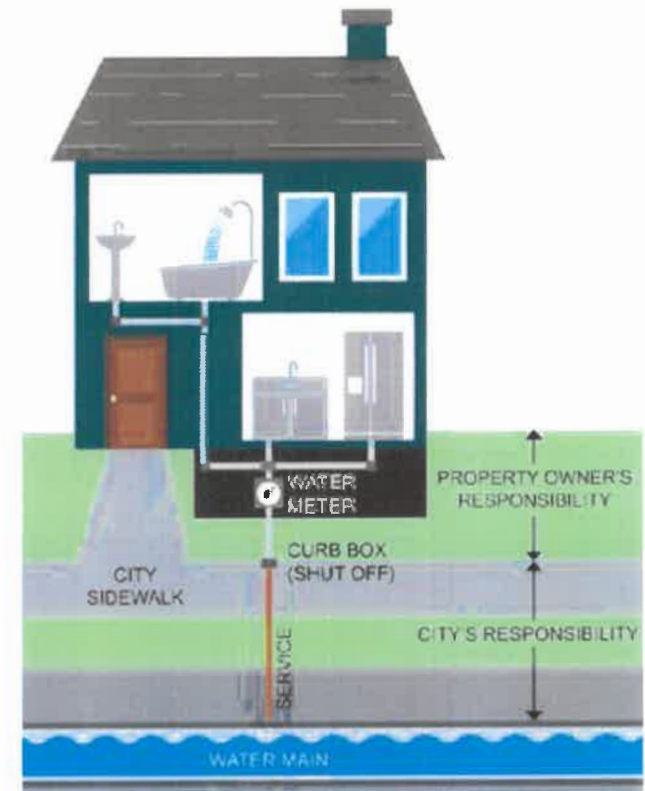
- Beginning 1/1/2021, water supplies with LSLs, or galvanized that is or was connected to a lead service line, must replace them at an average of 5% per year, not to exceed 20 years
  - Or in accordance with alternate schedules incorporated into an asset management plan approved by EGLE
  - Systems with CCT and an ALE, must replace 7% per year
- The full LSL must be replaced at the water supply expense, regardless of ownership (public AND private side)
  - Partial lead service line replacements are banned, except for emergency repairs



Source: Detroit Water and Sewerage Department

# Why Ban Partial LSLR?

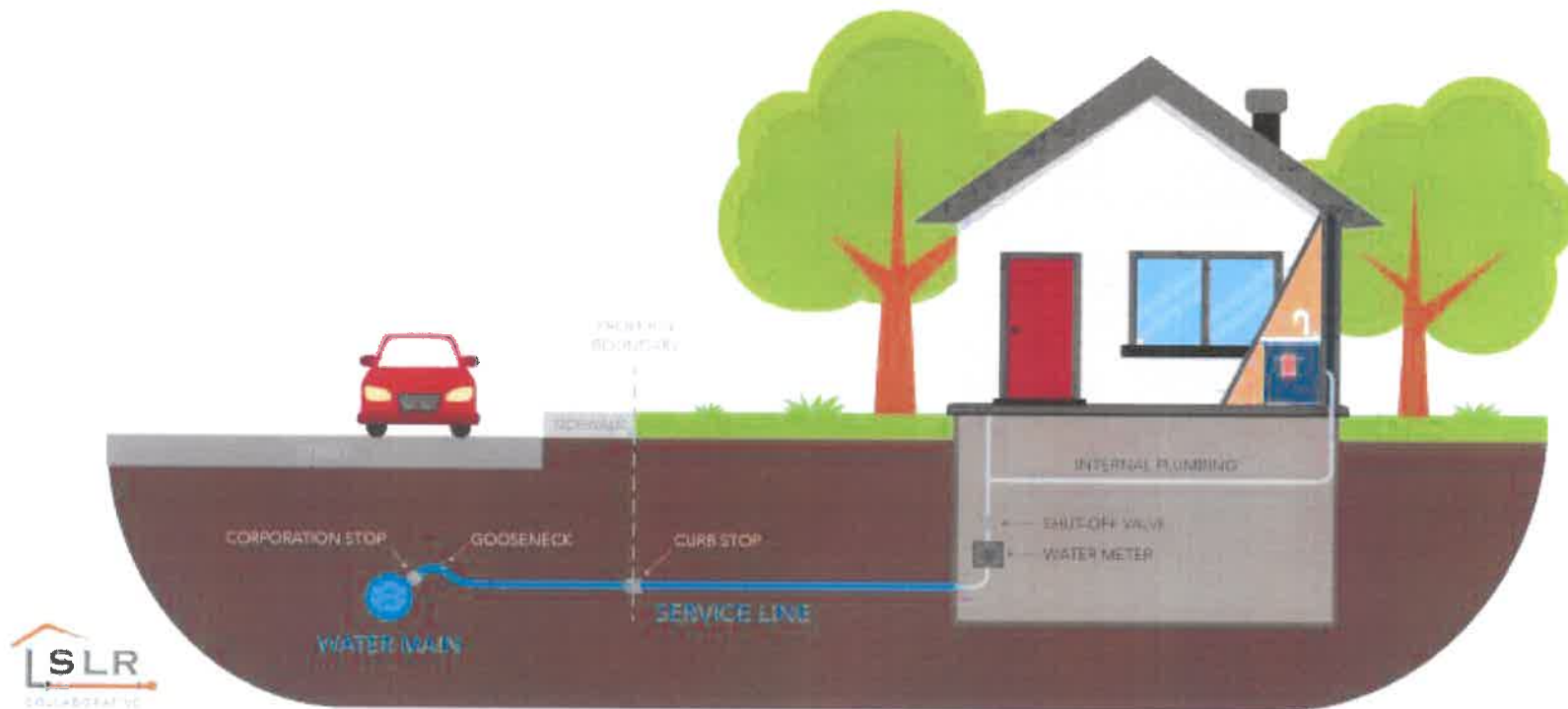
- Partial replacements increase exposure risk:
  - Cutting lead pipes releases lead particles
  - Construction and excavation can loosen corrosion control coating
  - New connection can create galvanic corrosion
  - High risk of acute exposure following partial LSLR
- Large mass of lead still in contact with drinking water
- Costs more to finish replacing at a later date
- AWWA states “every effort shall be made to avoid partial replacements”



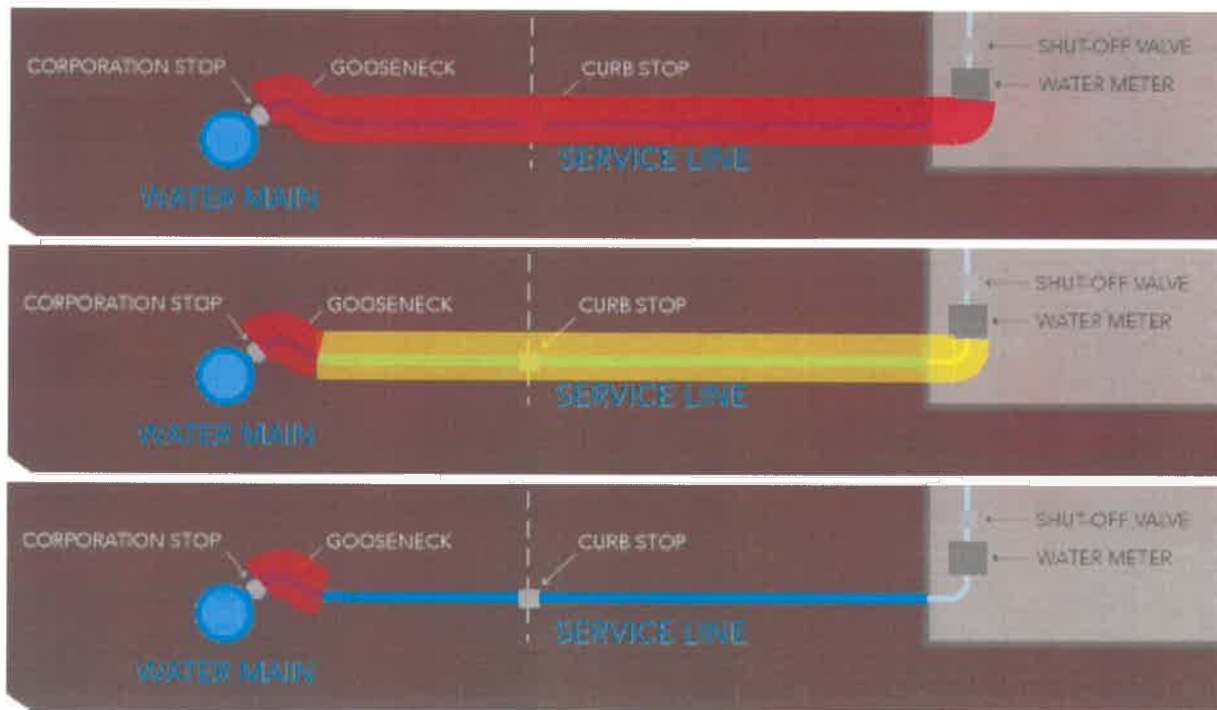
Source: Detroit Water and Sewerage Department



# LSL – Examples



# LSL – Example LSLs



To achieve LSLR requirements, you must replace both public and private portions.

To achieve LSLR requirements, you must replace the lead gooseneck and all galvanized downstream.

To achieve LSLR requirements, you must replace the lead gooseneck.

# LSL – Example LSLs

## Galvanized service lines

Lead

Galvanized

Lead gooseneck connected to a galvanized service line.



To achieve LSLR requirements, you must replace the lead gooseneck and all galvanized downstream.

Lead gooseneck has been removed. Galvanized service line remains.



To achieve LSLR requirements, you must replace all galvanized service lines that **is or was** downstream of lead piping.

Galvanized portion must still remain on DSMI and removed as part of 5% LSLR activities.





# LSL Scenarios

Many other service line replacement scenarios exist.

We are currently developing a Frequently Asked Questions document regarding LSLR.

# Emergency Partial LSLR

- Notification requirements
  - Timeline: As soon as practicable
  - Content: Explain that they may experience a temporary increase in lead levels; provide guidance on minimizing lead exposure
- Sampling requirements
  - Timeline: Within **72 hours** after LSLR is completed
  - Method: 1st and 5th sampling methodology
  - Results: Delivered or mailed to owner/resident within **3 business days**

# SLR Methods

- Open trench
- Directional drilling
  - [www.YouTube.com/watch?v=sMTQJjqF3Ig](http://www.YouTube.com/watch?v=sMTQJjqF3Ig)
- Pneumatic missile
  - [www.YouTube.com/watch?v=sctNCphZbF0](http://www.YouTube.com/watch?v=sctNCphZbF0)
  - [youtu.be/Jp2bKaDfZQQ](http://youtu.be/Jp2bKaDfZQQ)
- Line splitting
  - [youtu.be/2ZBe6XhpH6s](http://youtu.be/2ZBe6XhpH6s)
  - [www.YouTube.com/watch?v=FJZicUzqJD4](http://www.YouTube.com/watch?v=FJZicUzqJD4)
- Service line pull and replace
  - [www.YouTube.com/watch?v=CtqhioDmt54](http://www.YouTube.com/watch?v=CtqhioDmt54)

# SLR Musts

- You must:
  - Communicate to the home or business owners and any occupants of your intent to disturb their service line 45 days in advance.
  - Complete a **FULL** replacement before restoring service to the home.
    - Meaning all lead and any galvanized downstream of lead must be replaced.
  - 30 days after becoming aware of any LSL, or when there is a new account opened up at with a LSL, you must inform the owner and all occupants that the building has a lead service line.



# Partial LSLR Ban Challenges

- Construction work already contracted
- Supply must now coordinate with homeowners during construction activities
- Supplies with union contracts or ordinances that state they cannot work on private side
- Service cannot be restored until all service line work is complete
- Finding lead when you didn't expect it



# SLR Funding - DWRF

- Drinking Water Revolving Fund
  - Can pay for SLR on public and private property
  - Asset Management efforts
  - Low interest loans with disadvantaged community subsidies
  - Project Plans are due by May 1<sup>st</sup>
  - Extensive application process
- For more information
  - Karol Patton, [PattonK@Michigan.gov](mailto:PattonK@Michigan.gov), 517-284-5415



## DRINKING WATER ASSET MANAGEMENT (DWAM) GRANT APPLICATION

Sec. 1001, 2019 PA 57

Public Act 57 of 2019 was made effective on September 29, 2019. Section 1001 denotes language to provide grants for asset management plan creation and distribution system materials inventory.

Grants may be awarded for Asset Management Plan (AMP) development or updates, and/or distribution system materials inventory (DSMI) related activities. The maximum grant amount allowable per applicant is \$1 million. There are no local match requirements. Applications will be accepted continuously until funding is exhausted. Applications will be awarded on a quarterly funding cycle. The Michigan Department of Environment, Great Lakes, and Energy (EGLE) may reevaluate program and system needs after one year. Grant applications must be received by close of business on these dates to be funded in the applicable quarterly funding cycle:

|  | Quarter 1       | Quarter 2     | Quarter 3          | Quarter 4         |
|--|-----------------|---------------|--------------------|-------------------|
| <b>Application Deadline</b>                        | January 1, 2021 | April 1, 2021 | July 1, 2021       | October 1, 2021   |
| <b>Anticipated Grant Award Date</b> (on or before) | March 15, 2021  | June 15, 2021 | September 15, 2021 | December 15, 2021 |

Type I Community Water Supplies and Type II Nontransient Noncommunity Water Supplies are eligible to apply. Applicants must not appear on the federal Debarment and Suspension List and must be in good standing with EGLE programs (i.e., no EGLE grant revoked or terminated and no demonstrated inability to manage a grant or meet obligations in a project contract with EGLE).

### Application for DWAM Grant

|   |  |
|---|--|
| Applicant Name:   | Project Name:                                      |
| Village of Newberry   | Village of Newberry - Water DSMI & AMP             |
| Project Location (City or Village or Township, and County): | Population Served by System:                       |
| Village of Newberry Marquette County                        | 1426   |
| Estimated Project Start Date (month/year):                  | Estimated Project End Date (month/date/year):      |
| April/2021  | 03/31/2023   |
| Project Contact #1 (Authorized Signatory):                  | Project Contact #2 (Consulting Engineer or other): |
| Name: Allison Watkins                                       | Name: Matthew Treado, PE                           |
| Title: Village Manager                                      | Title: Project Manager                             |
| Telephone: (906) 293-3433                                   | Telephone:   |
| Address: 302 E McMillan Ave                                 | Address: 424 S Pine Street                         |
| Newberry MI 49868   | Ishpeming MI 49855                                 |
| E-mail address: awatkins@newberry.mi.gov                    | E-mail address:                                    |

**Project Summary:** Attach project workplan or summary pages; should include project need, what will be addressed and how, and map(s) illustrating project work areas.

**Project Cost Information:** Attach documentation of estimated project costs in project workplan/summary (may include vendor estimates/quotes, contracts, etc.). Grant eligible costs are those that are associated with AMP creation/update and/or DSMI. This may include asset inventory and condition assessment, level of service, criticality assessment, revenue structure review/development, and Capital Improvement Planning as part of AMP creation/update; equipment purchase if needed and used as a direct interface for asset management or materials assessment; and verification of materials for Final DSMI, including potholing/hydrovacating/trenching for inventory/planning purposes. Additional eligibility items as related to equipment purchases is discussed on the [DWAM Grant Overview Guidance Document](#).

Eligibility is project specific and determined on a case-by-case basis by EGLE. Costs not eligible for grant inclusion include, but are not limited to, tangible permanent construction.

**Provide Estimated Project Costs:**

|                             |            |
|-----------------------------|------------|
| 1. AMP Costs                | 152,271.59 |
| 2. DSMI Costs               | 160,500.00 |
| 3. Equipment Purchase Costs | 18,728.41  |
| 4. Project Cost Subtotal    | 331,500.00 |
| 5. Requested Grant Amount*  | 331,500.00 |

\*Total grant amount cannot exceed \$1,000,000.

**Ranking/Scoring:** Projects will be batched and scored in each quarterly funding cycle. Scores will be based on the criteria established in the [DWAM Grant Overview Guidance Document](#).

Fill in the appropriate response below:

- Has the water supply had a lead or copper Action Level Exceedance (ALE) in the past three years?  
☐ Yes ☒ No
- Did the water supply submit its Preliminary DSMI to EGLE? ☒ Yes ☐ No If yes:

Number of service lines that are 'unknown-likely contains lead' that need to be verified for Final DSMI:

560

Number of service lines that are 'unknown-likely does not contain lead' that need to be verified for Final DSMI: 54



Number of service lines that are 'material unknown' that need to be verified for Final DSMI:

Total number of service lines in the water supply:

3. Has the water supply implemented an EGLE-approved AMP? ☒ Yes ☐ No
4. Has the water supply entered into an Administrative Consent Order with EGLE related to AMP deficiencies that will be addressed as part of the awarded grant? ☐ Yes ☒ No
5. Was the water supply's most recent Sanitary Survey completed with no deficiencies? ☒ Yes ☐ No
6. Did the water supply complete the Michigan Infrastructure Council's Asset Maturity Assessment? ☒ Yes ☐ No

**I certify that the information provided in this application is complete, true, and accurate to the best of my knowledge.**

| Printed Name and Title: |                      | Signature:           | Date:                |
|-------------------------|----------------------|----------------------|----------------------|
| <input type="text"/>    | <input type="text"/> | <input type="text"/> | <input type="text"/> |

**Submit completed form and applicable attachments to [EGLE-DWGrants@michigan.gov](mailto:EGLE-DWGrants@michigan.gov).**

**Or via U.S. mail to:** Michigan Department of Environment, Great Lakes, and Energy  
Finance Division – Water Infrastructure Financing Section  
525 West Allegan Street  
P.O. Box 30457  
Lansing, Michigan 48909-7957

For information or assistance on this publication, please contact the program, through EGLE Environmental Assistance Center at 800-662-9278. This publication is available in alternative formats upon request.

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This form and its contents are subject to the Freedom of Information Act and may be released to the public.



424 South Pine Street Ely, MI 49849

906-485-1011 • 877-834-3827 • Fax: 906-485-1013

November 4, 2021

Village of Newberry  
302 E McMillan Ave  
Newberry, MI 49868

**RE: Newberry Water System Update**

Dear Village of Newberry,

This letter has been generated to provide an update on the current regulatory environment and how that relates to the Village of Newberry Water System. UP Engineers & Architects, Inc. (UPEA) has been working with the Village of Newberry to pursue grant funds for the completion of various regulatory and capital improvement plan requirements for the Newberry Water System.

The Drinking Water Asset Management (DWAM) Grant was submitted to EGLE in December 2020, to complete the Drinking Water Systems Materials Inventory (DSMI) Final Report, which is due in January 2025. The report would include a projected lead/galvanized water service removal and replacement requirements and schedule for the following 20 years. EGLE is working through the 303 applications worth \$140.2 million. The available funding for the program is currently \$36.5 million. UPEA has been coordinating with UP Representatives to highlight the importance of funding the remaining applications, to give communities the money they need to project the cost associated with the new lead service line replacement requirements. The DWAM grant for the Village of Newberry was \$331,500.

It is anticipated that 50% or more of the 812 water service lines in Newberry are galvanized. At an estimated cost of \$10,000 per service line replacement, we are projecting an approximate \$4 million cost over the span of 20 years or \$200,000 per year. These projections will be evaluated and confirmed during the DSMI Final Report process, which we hope to fund with the DWAM Grant.

UPEA is also working to submit a USDA RD Water Funding Application to remove and replace the remaining cast iron water distribution main in Newberry. The removal and replacement of the remaining cast iron water main will greatly reduce the presence of iron bacteria in the system and allow for the Village of Newberry to replace significant portions of galvanized water lines encountered during the project. It is anticipated that funding for this project will be received in 2022/23.

UPEA has been closely monitoring the status of the \$1.75 trillion federal infrastructure bill. A significant portion of that proposed bill includes funding for water distributions systems and lead service line removal and replacement. The State of Michigan is also planning on using a significant portion of their remaining \$5.8 billion ARP funds towards water distribution systems. We are hopefully that both bills will pass within and become available in 2022.

Offices also in:  
Houghton  
Iron Mountain  
Marinette  
Sault Ste Marie

***U.P. Engineers & Architects, Inc.***

[www.UPEA.com](http://www.UPEA.com)

Village of Newberry – Water System Update  
November 5, 2021  
Page 2

By remaining vigilant regarding grant funding and strategic planning, we will be able to put the Village of Newberry in the best possible position to provide cost effective reliable service to its water customers.

Respectfully submitted,

**U.P. ENGINEERS & ARCHITECTS, INC.**

*Matthew Treado*

Matthew Treado, P.E.  
Project Manager