

**VILLAGE OF NEWBERRY
WATER AND LIGHT BOARD MEETING
ELECTRONIC MEETING
Tuesday, JANUARY 12, 2021
Meeting Location: ZOOM MEETING
Meeting Time: 6:00 p.m.**

1. VIRTUAL WAITING ROOM OPENED

Join Zoom Meeting

<https://us02web.zoom.us/j/82955557041>

By Phone: 888 475 4499 US Toll-free or 877 853 5257 US Toll-free
Meeting ID: 829 5555 7041#

2. PARTICIPANTS BRIEFED ON PROCESS FOR PUBLIC PARTICIPATION

- i. Calls will be listen-only mode during business portions of the meeting
2. Callers will be unmuted individually during each public comment section
 - i. Callers will be identified by the last four digits of their phone number or by their computer login information
 - ii. Each caller will be asked if they would like to comment – comment is not required
 - iii. Caller must identify themselves by name and address before speaking or will not be able to proceed with comments
 - iv. Callers will be held to a 3min time limit

3. CALL TO ORDER

4. ROLL CALL – New Law requires the public body participants to state the City & State where they are located

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

6. APPROVAL OF MINUTES

1. Water and Light Board Meeting – Electronic Regular Session – December 8, 2020

7. WATER AND LIGHT CHAIRPERSON ANNOUNCEMENTS

1. None Prescheduled

8. 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.

1. Callers will be given an opportunity to speak for 3 min. Callers must identify themselves by name and address in order to give comment.
2. Written comments not included in the packet and received before 5:30PM the day of the meeting, will be read aloud.
 - a. Lengthy written statements will be summarized on the call and provided in full to board members after the meeting.
 - b. Statements that do not include the name and home address of the person submitting them will not be shared with the board. Comments that contain language that would be considered vulgar or be interpreted as hate speech or fighting words will not be included.

9. SUBMISSION OF BILLS AND FINANCIAL UPDATES

1. Water & Light – Monthly Bills & Statements –December 5 to January 8

582	ELECTRIC FUND TOTAL EXPENSE:	\$198,629.06
591	WATER FUND TOTAL EXPENSE:	\$31,250.37
Total amount for both funds:		\$229,879.43

2. Save the Bells Fund – for review only - DECEMBER

582	Save the Bells Fund Balance Summary – as of 12/31/2020	\$15,387.94
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- 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.

1. None Prescheduled

11. INTRODUCTION AND ADOPTION OF ORDINANCES AND RESOLUTIONS

1. None

- 12. 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- WILL BE IN ATTENDANCE

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

2. Village Manager - verbal

13. UNFINISHED BUSINESS

1. MI Clean Water Grant Update
2. Fairbanks Generator Update
3. Schedule W&L Fee Committee Meeting
4. Discontinuation of past due utility fees amount carry over set for March 1

14. NEW BUSINESS

1. New Water Operator In Charge – Landon Burton
2. Amendment to Ordinance A – non-elector as chairperson
3. Payment Due Date enforcement – 15th of the month
4. Clarification on payments taken at the VON office
5. Bond Amortization Schedules
 - a. 20005 Water, 2009 Water, 2014 Water
 - b. 2002 Electric, 2003 Electric
6. Request for re-establishment of W&L Policy Committee

- 15. PUBLIC COMMENT** – see section 9 of this agenda for guidance on process for public comment.

16. COMMENTS BY BOARD MEMBERS

17. ADJOURNMENT - REGULAR ELECTRONIC MEETING SESSION

NEWBERRY WATER & LIGHT BOARD
REGULAR MEETING MINUTES
December 8, 2020
Electronic Public Meeting – Due to COVID-19 Virus
***NOTE – All votes were done by Roll Call Vote**

Present: Board members: Hendrickson, Schnorr, Stokes, Vincent, Wendt. All members called in from Newberry, MI.

Absent: None.

Also Present: Village Manager – Watkins, Clerk –Schummer and Joey Vincent - via Zoom – All called in from Newberry, MI.

Call to Order: Due to no Chairperson being seated at this time, Clerk Schummer called the meeting to order at 6:00 p.m., using Zoom audio teleconferencing, permitted by Executive Order 2020-15, which temporarily authorizes remote participation in public meetings and hearings. Moved by Schnorr, support by Vincent, **CARRIED**, to appoint Kirby Wendt as Chairperson for the Water & Light Board. Ayes: Hendrickson, Schnorr, Stokes, Vincent. Abstain: Wendt.

Approval of Agenda: Moved by Vincent, support by Schnorr, **CARRIED**, to approve agenda as presented. Ayes: Hendrickson, Schnorr, Stokes, Vincent, Wendt.

Approval of Minutes: Moved by Schnorr, support by Vincent, **CARRIED**, to approve the minutes for the November 10, 2020 W&L meeting as presented. Ayes: Hendrickson, Schnorr, Stokes, Vincent, Wendt.

Water and Light Chairperson Announcements: None.

Public Comments on Agenda Items: None.

Submission of Bills and Financial Updates:

A.) Water & Light – Monthly Bills – November 7 to December 4: - Motion by Stokes, support by Schnorr, **CARRIED**, recommend Village Council pay the November 7 to December 4, Electric Fund bill in the amount of \$69,135.50. Discussion followed. Ayes: Hendrickson, Schnorr, Stokes, Vincent, Wendt. Motion by Stokes, support by Schnorr, **CARRIED**, to recommend Village Council pay the November 7 to December 4, 2020 Water Fund bill in the amount of \$25,055.45. Ayes: Hendrickson, Schnorr, Stokes, Vincent, Wendt.

B.) Christmas Light Fund – Fund balance as of 10/31/2020 - \$14,673.33

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. Discussion followed.

2.) Village Manager: Watkins gave a verbal report. Discussion followed

Unfinished Business:

1.) Code of Conduct and Ethics for Water & Light Board: Catherine Freese is working on this. Discussion followed.

New Business:

1.) 2021 Proposed Operating Budget – Water Fund: Moved by Vincent, support by Hendrickson, **CARRIED**, to recommend Village Council approve the proposed 2021 Water Fund operating budget. Discussion followed. Ayes: Hendrickson, Stokes, Vincent, Wendt. Nays: Schnorr.

2.) 2021 Proposed Operating Budget – Electric Fund: Moved by Vincent, Support by Hendrickson, **CARRIED**, to recommend Village Council approve the proposed 2021 Electric Fund operating budget. Discussion followed. Ayes: Hendrickson, Stokes, Vincent, Wendt. Nays: Schnorr.

Public Comment: None.

Comments By Board Members: Comments heard from Schnorr, Vincent, Stokes and Wendt.

Adjourn Meeting: Motion by Stokes, support by Schnorr, **CARRIED**, to adjourn meeting at 6:59 p.m. Ayes: Hendrickson, Schnorr, Stokes, Vincent, Wendt.

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

Terese Schummer, Clerk

Kirby Wendt, Chairperson

GL Number	Inv. Line Desc	Vendor	Fund 582 Electric Fund	Invoice Desc.	Due Date	Amount	Check #
Dept 582 ELECTRIC DISTRIBUTION							
582-582-726.000	LIFE INSURANCE	STANDARD. THE		LIFE INS	01/01/21	12.19	44877
582-582-801.000	PROFESSIONAL & CONTRACTUAL	US BANK OPERATIONS CENTER		ELECTRIC UTILITY SYSTEM REVENUE BDS DTD	12/09/20	250.00	44830
582-582-801.000	PROFESSIONAL & CONTRACTUAL	RANGE TELECOMMUNICATIONS		MISS DIGS JAN 2021	01/01/21	11.36	
582-582-850.000	TELEPHONE	ATT U VERSE		LARGE CAPACITY METER UVERSE	12/23/20	41.10	44798
582-582-900.000	PUBLISHING AND PRINTING	WBNY RADIO		WBNY TREE TRIMMING ANNOUNCEMENT	01/07/21	150.00	
				Total For Dept 582 ELECTRIC DISTRIBUTION		464.65	
Dept 583 GENERAL EXPENSES							
582-583-719.000	HOSPITALIZATION	44 NORTH		COBRA/NOTIFICATION PACKETS	01/10/21	102.22	44863
582-583-726.000	LIFE INSURANCE	STANDARD. THE		LIFE INS	01/01/21	43.53	44877
582-583-752.000	OFFICE SUPPLIES	NATIONAL OFFICE		PAPER	01/08/21	9.87	44815
582-583-752.000	OFFICE SUPPLIES	NATIONAL OFFICE		PAPER	12/10/20	9.87	44815
582-583-752.000	OFFICE SUPPLIES	AMAZON CAPITAL SERVICES		CALENDARS	01/09/21	30.98	44793
582-583-752.099	BANK FEES	US BANK OPERATIONS CENTER		TAX GENERAL OBLIGATION CAPITAL IMPROVEN	12/08/20	250.00	44830
582-583-752.100	OPERATING SUPPLIES	OK INDUSTRIAL SUPPLY		DRIVER GLOVES	01/07/21	23.19	44820
582-583-752.100	OPERATING SUPPLIES	AMAZON CAPITAL SERVICES		TIME CARDS	01/02/20	8.75	44793
582-583-752.100	OPERATING SUPPLIES	AMAZON CAPITAL SERVICES		TAX FORMS	01/03/20	15.81	44852
582-583-752.100	OPERATING SUPPLIES	DANNY'S AUTO VALUE		UTILITY BLADE	01/10/21	1.89	44860
582-583-752.100	OPERATING SUPPLIES	RAHILLY IGA		WATER	01/10/21	3.99	44875
582-583-752.100	OPERATING SUPPLIES	AMAZON CAPITAL SERVICES		HAND SANITIZATION STATIONS / HAND SANITIZ	12/16/20	155.18	44879
582-583-752.100	OPERATING SUPPLIES	AMAZON CAPITAL SERVICES		BATTERIES	01/28/21	3.47	
582-583-752.200	IT SOFTWARE	ZOOM		IT SOFTWARE - JAN 2021	01/06/21	48.02	
582-583-759.000	GAS & OIL - ELECTRIC	WEX BANK - SPEEDWAY UNIVERSAL		GAS/FUEL	01/22/21	116.74	
582-583-767.000	CLOTHING - UNIFORMS	RITZ SAFETY		LINEMAN COAT	01/05/21	190.02	44840
582-583-767.000	CLOTHING - UNIFORMS	RITZ SAFETY		LINEMAN SHIRTS	01/08/21	327.05	44840
582-583-801.000	PROFESSIONAL & CONTRACTUAL	FEDEX		SHIPPING OF GLOVES	11/04/20	250.52	44827
582-583-801.000	PROFESSIONAL & CONTRACTUAL	GREAT LAKE FIRE & SAFETY		FIRE EXTG. ANNUAL INSPECTION	01/10/21	373.25	44864
582-583-801.000	PROFESSIONAL & CONTRACTUAL	MANISTIQUE COMPUTERS LLC		SERVER WIRING/OFFICE WIRING	12/29/20	187.11	44871
582-583-801.000	PROFESSIONAL & CONTRACTUAL	PAIR, ALMA		DECEMBER 2020 CLEANING	01/15/21	100.00	
582-583-850.000	JAMADOTS - FIBER-OPTICS	HTC-HIAWATHA TELEPHONE CO		ACCT 00042364-7	12/28/20	17.50	44809
582-583-850.000	JAMADOTS INTERNET	HTC-HIAWATHA TELEPHONE CO		ACCT 00042108-7	12/28/20	19.99	44809
582-583-850.000	TELEPHONE	VERIZON		ACCOUNT NUMBER 942077532-00001 FAX	01/07/21	5.82	44881
582-583-850.000	906-291-1223	VERIZON		ACCOUNT NUMBER 942077532-00003 DESK	01/07/21	6.99	44881
582-583-850.000	906-291-1621	VERIZON		ACCOUNT NUMBER 942077532-00003 DESK	01/07/21	6.99	44881
582-583-850.000	906-291-1622 H.R.	VERIZON		ACCOUNT NUMBER 942077532-00003 DESK	01/07/21	6.99	44881
582-583-850.000	906-291-1627 W/L	VERIZON		ACCOUNT NUMBER 942077532-00003 DESK	01/07/21	13.98	44881
582-583-850.000	906-293-8531	VERIZON		ACCOUNT NUMBER 942077532-00003 DESK	01/07/21	13.41	44881
582-583-850.000	906-291-1625 FINANCE	VERIZON		ACCOUNT NUMBER 942077532-00003 DESK	01/07/21	6.99	44881
582-583-850.000	906-293-3433 GENRAL	VERIZON		ACCOUNT NUMBER 942077532-00003 DESK	01/07/21	6.99	44881
582-583-850.000	906-293-5681 W/L CLERK 40%	VERIZON		ACCOUNT NUMBER 942077532-00003 DESK	01/07/21	10.73	44881

GL Number	Inv. Line Desc	Vendor	Invoice Desc.	Due Date	Amount	Check #
582-583-850.000	906-450-0919 LINEMAN	VERIZON	ACCOUNT NUMBER 942077532-00002 - CELL	01/10/21	20.84	44881
582-583-850.000	906-291-0136 MECHANIC	VERIZON	ACCOUNT NUMBER 942077532-00002 - CELL	01/10/21	20.84	44881
582-583-850.000	906-291-0055 HR	VERIZON	ACCOUNT NUMBER 942077532-00002 - CELL	01/10/21	10.42	44881
582-583-850.000	906-291-0608 LINEMAN	VERIZON	ACCOUNT NUMBER 942077532-00002 - CELL	01/10/21	20.84	44881
582-583-850.000	TELEPHONE	AT&T	WATER/LIGHT PHONE	01/07/21	48.94	44856
582-583-850.000	TELEPHONE	HTC-HIAWATHA TELEPHONE CO	00042108-7	01/26/21	19.99	
582-583-850.000	TELEPHONE	HTC-HIAWATHA TELEPHONE CO	00042364-7	01/26/21	17.50	
582-583-851.000	POSTAGE	UNITED STATES POST OFFICE	POSTAGE	12/03/20	44.40	44827
582-583-900.000	PRINTING AND PUBLISHING	ARISTA INFORMATION SYSTEMS INC	UB POSTAGE	12/28/20	251.66	44854
582-583-915.000	MEMBERSHIPS & SUBSCRIPTIONS	AMAZON CAPITAL SERVICES	UB BILLING	12/28/20	202.81	44854
582-583-915.000	MEMBERSHIPS & SUBSCRIPTIONS	STATE OF MICHIGAN - MI/DEAL	PRIME MEMBERSHIP	12/26/20	44.75	44852
582-583-968.100	EQUIPMENT RESERVE	TAHQUAMENON AREA CREDIT UNION	2021 MEMBERSHIP	12/20/20	45.00	44879
			ELECTRIC SYSTEM BOND RESERVE	12/30/20	44,000.00	44826
			Total For Dept 583 GENERAL EXPENSES		47,119.82	
Dept 584 ELECTRIC GENERATION						
582-584-801.000	PROFESSIONAL & CONTRACTUAL	FAIRBANKS MORSE ENGINE DIVISION	FAIRBANKS BREAKDOWN	12/08/20	1,000.00	44837
582-584-801.000	PROFESSIONAL & CONTRACTUAL	GORDY CRIBB	A & B QUARTERLY	01/04/21	250.00	44883
582-584-929.000	REPAIRS & MAINTENANCE	NEWBERRY REDI-MIX	CEMENT BLOCKS	12/30/20	50.00	44817
			Total For Dept 584 ELECTRIC GENERATION		1,300.00	
Dept 585 BUILDING MAINTENANCE						
582-585-929.000	REPAIRS & MAINTENANCE	FOSTER HARDWARE	BULBS	01/10/20	39.98	44862
			Total For Dept 585 BUILDING MAINTENANCE		39.98	
Dept 586 PURCHASED POWER						
582-586-801.000	PROFESSIONAL AND CONTRACTUAL	MICHIGAN PUBLIC POWER AGENCY	VOLUNTARY GREEN PRICING/RENEWABLE PORT	12/25/20	33.58	222
582-586-926.000	PURCHASED POWER	CMS ENERGY RESOURCE MGT	CAPACITY	12/21/20	58,638.79	44836
582-586-926.000	PURCHASED POWER	CLOVERLAND ELECTRIC CO-OP	PURCHASED POWER DECEMBER 2020	01/15/21	5,139.39	
582-586-926.000	PURCHASED POWER	CMS ENERGY RESOURCE MGT - CONSUM	DECEMBER 2020 PURCHASED POWER	01/21/21	69,398.50	
582-586-926.100	ATC TRANSMISSION MONTHLY IN	AMERICAN TRANSMISSION COMPANY	MONTHLY TRANSMISSION CHARGES	01/11/21	12,559.62	
			Total For Dept 586 PURCHASED POWER		145,769.88	
Dept 587 ENERGY OPTIMIZATION						
582-587-801.000	PROFESSIONAL & CONTRACTUAL	MECA	MONTHLY INCENTIVES	12/28/20	3,727.34	44885
			Total For Dept 587 ENERGY OPTIMIZATION		3,727.34	
Dept 588 SAVE THE BELLS						
582-588-752.200	SAVE THE BELLS EXPENSES	AMAZON CAPITAL SERVICES	LED LIGHT BULBS WHITE	12/25/20	139.93	44793
582-588-752.200	SAVE THE BELLS EXPENSES	FOSTER HARDWARE	FUSES	01/10/21	14.99	44862
582-588-752.200	SAVE THE BELLS EXPENSES	DANNY'S AUTO VALUE	ELECTRIC GREASE	01/10/21	6.49	44860
582-588-752.200	SAVE THE BELLS EXPENSES	AMAZON CAPITAL SERVICES	FUSES	01/25/21	45.98	44852
			Total For Dept 588 SAVE THE BELLS		207.39	
			Total For Fund 582 Electric Fund		198,629.06	

GL Number	Inv. Line Desc	Vendor	Fund 591 Water Fund	Invoice Desc.	Due Date	Amount	Check #
Dept 536 WATER SYSTEM							
591-536-719.000	HOSPITALIZATION	44 NORTH		COBRA/NOTIFICATION PACKETS	01/10/21	86.88	44863
591-536-726.000	LIFE INSURANCE	STANDARD. THE		LIFE INS	01/01/21	141.35	44877
591-536-752.000	OFFICE SUPPLIES	NATIONAL OFFICE		PAPER	01/08/21	9.87	44815
591-536-752.000	OFFICE SUPPLIES	NATIONAL OFFICE		PAPER	12/10/20	9.87	44815
591-536-752.000	OFFICE SUPPLIES	AMAZON CAPITAL SERVICES		CALENDARS	01/09/21	30.98	44793
591-536-752.100	OPERATING SUPPLIES	OK INDUSTRIAL SUPPLY		DRIVER GLOVES	01/07/21	23.19	44820
591-536-752.100	OPERATING SUPPLIES	AMAZON CAPITAL SERVICES		TIME CARDS	01/02/20	8.75	44793
591-536-752.100	OPERATING SUPPLIES	FAMILY DOLLAR		ICE PACKS - WATER SAMPLES	12/04/20	5.30	44827
591-536-752.100	OPERATING SUPPLIES	AMAZON CAPITAL SERVICES		TAX FORMS	12/03/20	15.83	44852
591-536-752.100	OPERATING SUPPLIES	DOLLAR GENERAL		ICE PACKS	12/04/20	10.07	44879
591-536-752.100	OPERATING SUPPLIES	RAHILLY IGA		WATER	01/10/21	3.99	44875
591-536-752.100	OPERATING SUPPLIES	AMAZON CAPITAL SERVICES		HAND SANITIZATION STATIONS / HAND SANTIZ	12/16/20	155.18	44879
591-536-752.100	OPERATING SUPPLIES	OK INDUSTRIAL SUPPLY		GLOVES	01/10/20	14.34	44874
591-536-752.100	OPERATING SUPPLIES	EJ USA INC		BOLTS	01/15/21	42.13	44861
591-536-752.100	OPERATING SUPPLIES	HAWKINS INC		AZONE 15	01/16/21	137.20	44884
591-536-752.100	OPERATING SUPPLIES	AMAZON CAPITAL SERVICES		BATTERIES	01/28/21	3.47	
591-536-752.100	OPERATING SUPPLIES	DOLLAR GENERAL		BATTERIES	12/28/20	5.17	
591-536-752.100	OPERATING SUPPLIES	RAHILLY IGA		WATER	01/10/21	3.99	
591-536-752.200	IT SOFTWARE	ZOOM		IT SOFTWARE - JAN 2021	01/06/21	21.08	
591-536-759.000	GAS, OIL & GREASE - WATER	WEX BANK - SPEEDWAY UNIVERSAL		GAS/FUEL	01/22/21	116.74	
591-536-801.000	PROFESSIONAL & CONTRACTUAL	SAULT STE MARIE CITY HALL		MONTHLY WATER SAMPLES	01/01/21	54.00	44841
591-536-801.000	PROFESSIONAL & CONTRACTUAL	MANISTIQUE COMPUTERS LLC		SERVER WIRING/OFFICE WIRING	12/29/20	187.11	44871
591-536-801.000	PROFESSIONAL & CONTRACTUAL	RANGE TELECOMMUNICATIONS		MISS DIGS JAN 2021	01/01/21	11.36	
591-536-801.000	PROFESSIONAL & CONTRACTUAL	PAIR, ALMA		DECEMBER 2020 CLEANING	01/15/21	100.00	
591-536-850.000	IAMADOTS FIBER- OPTICS	HTC-HIAWATHA TELEPHONE CO		ACCT 00042364-7	12/28/20	17.50	44809
591-536-850.000	TELEPHONE	HTC-HIAWATHA TELEPHONE CO		ACCT 00042108-7	12/28/20	19.99	44809

GL Number	Inv. Line Desc	Vendor	Invoice Desc.	Due Date	Amount	Check #
591-536-850.000	FAX	VERIZON	ACCOUNT NUMBER 942077532-00001 FAX	01/07/21	5.82	44881
591-536-850.000	906-291-1223	VERIZON	ACCOUNT NUMBER 942077532-00003 DESK	01/07/21	6.99	44881
591-536-850.000	906-291-1625 FINANCE	VERIZON	ACCOUNT NUMBER 942077532-00003 DESK	01/07/21	6.99	44881
591-536-850.000	906-291-1627 W/L	VERIZON	ACCOUNT NUMBER 942077532-00003 DESK	01/07/21	13.99	44881
591-536-850.000	906-291-1622 H.R.	VERIZON	ACCOUNT NUMBER 942077532-00003 DESK	01/07/21	6.99	44881
591-536-850.000	906-291-1621	VERIZON	ACCOUNT NUMBER 942077532-00003 DESK	01/07/21	6.99	44881
591-536-850.000	906-293-5681 W/L CLERK 40%	VERIZON	ACCOUNT NUMBER 942077532-00003 DESK	01/07/21	10.73	44881
591-536-850.000	906-293-3433 GENERAL	VERIZON	ACCOUNT NUMBER 942077532-00003 DESK	01/07/21	6.99	44881
591-536-850.000	906-450-0919 LINEMAN	VERIZON	ACCOUNT NUMBER 942077532-00002 - CELL	01/10/21	20.84	44881
591-536-850.000	906-291-0608 LINEMAN	VERIZON	ACCOUNT NUMBER 942077532-00002 - CELL	01/10/21	20.84	44881
591-536-850.000	906-291-0055 HR	VERIZON	ACCOUNT NUMBER 942077532-00002 - CELL	01/10/21	10.42	44881
591-536-850.000	TELEPHONE	AT&T	WATER/LIGHT PHONE	01/07/21	48.94	44856
591-536-850.000	TELEPHONE	HTC-HIAWATHA TELEPHONE CO	00042108-7	01/26/21	19.99	
591-536-850.000	TELEPHONE	HTC-HIAWATHA TELEPHONE CO	00042364-7	01/26/21	17.50	
591-536-851.000	POSTAGE	UNITED STATES POST OFFICE	POSTAGE	12/03/20	29.00	44827
591-536-851.000	POSTAGE	ARISTA INFORMATION SYSTEMS INC	UB POSTAGE	12/28/20	141.96	44854
591-536-900.000	PUBLISHING & PRINTING	NEWBERRY NEWS INC	WL VACANCY/ WINTER PARKING/ COUNCIL VA	12/28/20	24.00	44816
591-536-900.000	PUBLISHING & PRINTING	ARISTA INFORMATION SYSTEMS INC	UB BILLIG	12/28/20	114.40	44854
591-536-915.000	MEMBERSHIPS & SUBSCRIPTIONS	AMAZON CAPITAL SERVICES	PRIME MEMBERSHIP	12/26/20	44.75	44852
591-536-915.000	MEMBERSHIPS & SUBSCRIPTIONS	STATE OF MICHIGAN - MIDEAL	2021 MEMBERSHIP	12/20/20	45.00	44879
591-536-929.000	REPAIRS & MAINTENANCE	LYNN AUTO PARTS INC.	LUCAS RED TACKY GRS	01/15/21	66.90	
591-536-968.100	BOND RESERVE	FIRST NATIONAL BANK OF ST IGNACE	WATER SYSTEM BOND RESERVE	12/30/20	14,745.00	44805
591-536-991.100	PRINCIPAL NOTES PAYABLE 2005	FIRST NATIONAL BANK OF ST IGNACE	WATER SYSTEM BOND RESERVE	12/30/20	14,600.00	44805
			Total For Dept 536 WATER SYSTEM		31,250.37	
			Total For Fund 591 Water Fund		31,250.37	
			Fund Totals: Fund 582 Electric Fund		198,629.06	
			Fund 591 Water Fund		31,250.37	
			Total For All Funds:		229,879.43	

First National Bank

Main Office:

P.O. Box 187 * 132 North State Street
St. Ignace, Michigan 49781
Voice: 906-643-6800 Fax: 906-643-6808

Les Cheneaux Branch

P.O. Box 177 - 192 S Meridian St.
Cedarville, MI 49719 * 906-484-2262

West Mackinac Branch

P.O. Box 142 - W11635 West U.S. 2
Naubinway, MI 49762 * 906-477-6263

Mackinac Island Branch

P.O. Box 534 - 534 Market St.
Mackinac Island, MI 49757 * 906-847-3732

Newberry Branch

P.O. Box 466 - 1014 S. Newberry Ave.
Newberry, MI 49868 * 906-293-5160

1861714

NEWBERRY WATER & LIGHT BOARD
NEWBERRY SAVE THE BELLS
307 E MCMILLAN AVE
NEWBERRY MI 49868

Date 12/31/20 Page 1 of 1
ACCOUNT NUMBER XXXXXXXXXX

First National Bank would like to wish you all a Happy Holiday Season!
See us for Christmas Loans, or talk to any representative about setting up a
Christmas Club savings account. It's a fun way to save!

MUNICIPAL MONEY MARKET			2
ACCOUNT NUMBER	7703432	Statement Dates 12/01/20 thru 12/31/20	
PREVIOUS BALANCE	14,924.69	DAYS IN STATEMENT PERIOD	31
2 CREDITS TOTALING	460.06	AVERAGE LEDGER BAL	15,023
DEBITS TOTALING	.00	AVERAGE COLLECTED BAL	15,023
SERVICE CHARGE AMOUNT	.00	Interest Earned	3.19
INTEREST PAID	3.19	Annual Percentage Yield Earned	0.25%
CURRENT STMT BALANCE	15,387.94	2020 Interest Paid	54.71

DEPOSITS AND OTHER CREDITS.....

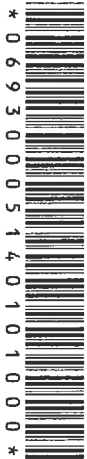
DATE	DESCRIPTION	AMOUNT
12/15	DDA REGULAR DEPOSIT	120.10
12/29	DDA REGULAR DEPOSIT	339.96
12/31	INTEREST PAID 31 DAYS	3.19

DAILY BALANCE SUMMARY.....

DATE.....	BALANCE	DATE.....	BALANCE
12/01	14,924.69	12/29	15,384.75
12/15	15,044.79	12/31	15,387.94

INTEREST RATE SUMMARY.....

DATE.....	INTEREST RATE
11/30	.25%



VILLAGE OF NEWBERRY



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

Newberry Water and Light Dept Dan Kucinkas Water & Light Supt. December 2020

- Keeping Christmas Lights Working
- Finished Flushing
- Multiple Miss Digs
- Seasonal On/Off
- Read All Meters
- Call Out Water Leak Redi-Mix Customer Side
- Red Tags
- Disconnects/Reconnects
- Drained All Hydrants
- Daily Well Inspections
- Took Monthly Water Samples
- Took PFAS Water Samples
- Installed New Underground Service Dollarville
- Multiple Occupant Changes/Rereads
- Outage At Post Office (Replaced Switch)
- Snow Removal
- Repaired Multiple MV Lights
- Installed New Service & Pole On North Line For Customer

“It isn’t life that weighs us down—it’s the way we carry it”

2020 - ELECTRIC CONSUMPTION / BILLING

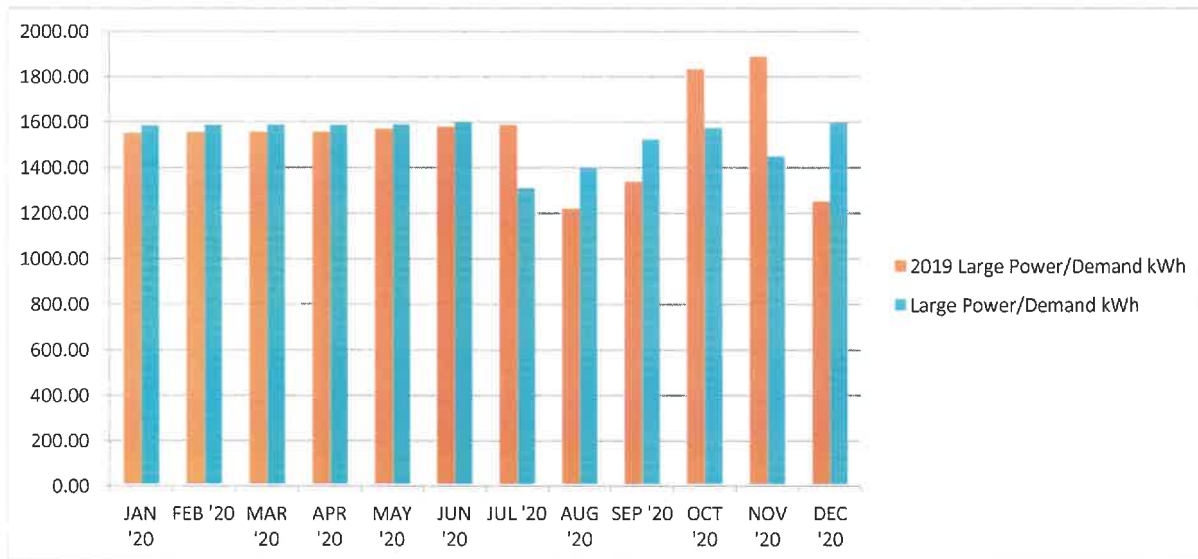
	RESIDENTIAL					COMMERCIAL					LARGE POWER					DEMAND				
	ER KW	METERS	ER FUEL ADJ	EO BASE	ER AMT BILLED	EC KW	METERS	EC FUEL ADJ	EC AMT BILLED	LG KW	METERS	LG AMT BILLED	FUEL ADJ	DEMAND KW	METERS	DEMAND AMT BILLED				
2020																				
JAN	832376.00	1182	\$ 15,040.05	\$ 1,183.66	\$ 86,658.08	286253.00	214	\$ 5,159.08	\$ 33,347.17	525822.00	15	\$ 27,730.45	\$ 9,714.22	1549.00	13	\$ 14,255.40				
FEB	671768.00	1182	\$ 9,439.81	\$ 953.03	\$ 69,743.65	263045.00	212	\$ 3,679.42	\$ 30,564.96	499799.00	15	\$ 26,341.99	\$ 7,155.99	1553.00	13	\$ 14,255.40				
MAR	732342.00	1184	\$ 10,287.87	\$ 1,034.94	\$ 75,759.70	276837.00	211	\$ 3,856.63	\$ 32,053.12	471974.00	15	\$ 24,885.64	\$ 6,853.49	1554.00	13	\$ 14,255.40				
APR	623376.00	1183	\$ 8,752.78	\$ 884.07	\$ 64,763.90	242918.00	211	\$ 3,408.05	\$ 28,388.25	514206.00	15	\$ 27,091.55	\$ 7,320.22	1554.00	13	\$ 14,255.40				
MAY	615003.00	1182	\$ 8,705.11	\$ 879.39	\$ 64,404.82	243855.00	211	\$ 3,418.81	\$ 28,417.00	599401.00	15	\$ 31,590.18	\$ 8,520.81	1567.00	13	\$ 14,353.80				
JUN	474513.00	1180	\$ 6,709.13	\$ 679.22	\$ 49,683.92	196976.00	210	\$ 2,767.67	\$ 22,919.67	288296.00	15	\$ 15,224.19	\$ 4,129.27	1577.00	13	\$ 14,360.76				
JUL	629224.00	1186	\$ 7,660.50	\$ 900.70	\$ 65,890.92	269733.00	211	\$ 3,264.54	\$ 31,475.34	779018.00	15	\$ 41,026.29	\$ 9,502.07	1583.00	13	\$ 14,360.76				
AUG	622357.00	1183	\$ 7,570.92	\$ 890.60	\$ 65,174.60	317816.00	212	\$ 3,845.86	\$ 37,193.82	446385.00	15	\$ 23,468.70	\$ 5,424.25	1216.00	13	\$ 12,050.39				
SEPT	607408.00	1185	\$ 7,387.49	\$ 869.22	\$ 63,609.74	261178.00	211	\$ 3,164.07	\$ 30,513.32	487612.00	15	\$ 25,752.09	\$ 5,988.60	1334.00	13	\$ 12,552.76				
OCT	687525.00	1189	\$ 8,394.42	\$ 986.81	\$ 71,993.15	168069.00	212	\$ 2,040.06	\$ 19,706.21	483953.00	15	\$ 25,474.93	\$ 5,889.41	1823.00	13	\$ 16,606.84				
NOV	596118.00	1181	\$ 7,261.61	\$ 854.50	\$ 62,424.49	306562.00	211	\$ 3,710.01	\$ 35,853.60	597605.00	15	\$ 31,580.03	\$ 7,387.63	1885.00	13	\$ 16,918.24				
DEC	707619.00	1185	\$ 8,671.82	\$ 1,019.29	\$ 74,092.83	261598.00	211	\$ 3,172.05	\$ 30,633.53	480300.00	15	\$ 25,285.29	\$ 5,920.77	1248.00	13	\$ 12,159.16				
TOTAL	7800029.00	14202.00	\$ 105,881.51	\$ 11135.43	\$ 814,199.80	3094840.00	2537.00	\$ 41,486.25	\$ 361,067.99	6174371.00	180.00	\$ 325,451.33	\$ 83,806.73	18449.00	156.00	\$ 170,377.35				
AVG	650002.4167	1183.5	\$ 8823.459167	\$ 927.9525	\$ 67849.98333	257903.3333	211.4167	\$ 3457.1875	\$ 30088.99917	514530.9167	15	\$ 27120.94417	\$ 6983.894167	1537.417	13	\$ 14198.1125				

TOTAL Kwh 17087.69
AVERAGE MET 1422.916667

Water & Light

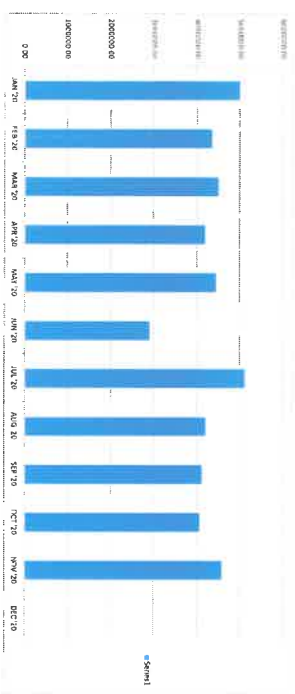
Electric Demand Report Large Power/Industrial 2020

MONTH:	LG POWER/INDUSTRIAL	BILLED AMOUNT
DEC'19	1531.00	\$ 14,113.58
JAN '20	1549.00	\$ 14,255.40
FEB '20	1553.00	\$ 14,255.40
MAR '20	1554.00	\$ 14,255.40
APR '20	1554.00	\$ 14,255.40
MAY '20	1567.00	\$ 14,353.80
JUN '20	1577.00	\$ 14,353.80
JUL '20	1583.00	\$ 14,360.76
AUG '20	1216.00	\$ 12,050.39
SEP '20	1334.00	\$ 12,552.76
OCT '20	1829.00	\$ 16,606.84
NOV '20	1885.00	\$ 16,918.24
DEC '20	1248.00	\$ 12,159.16



Water & Light
Billed Electric kWh Report - 2020

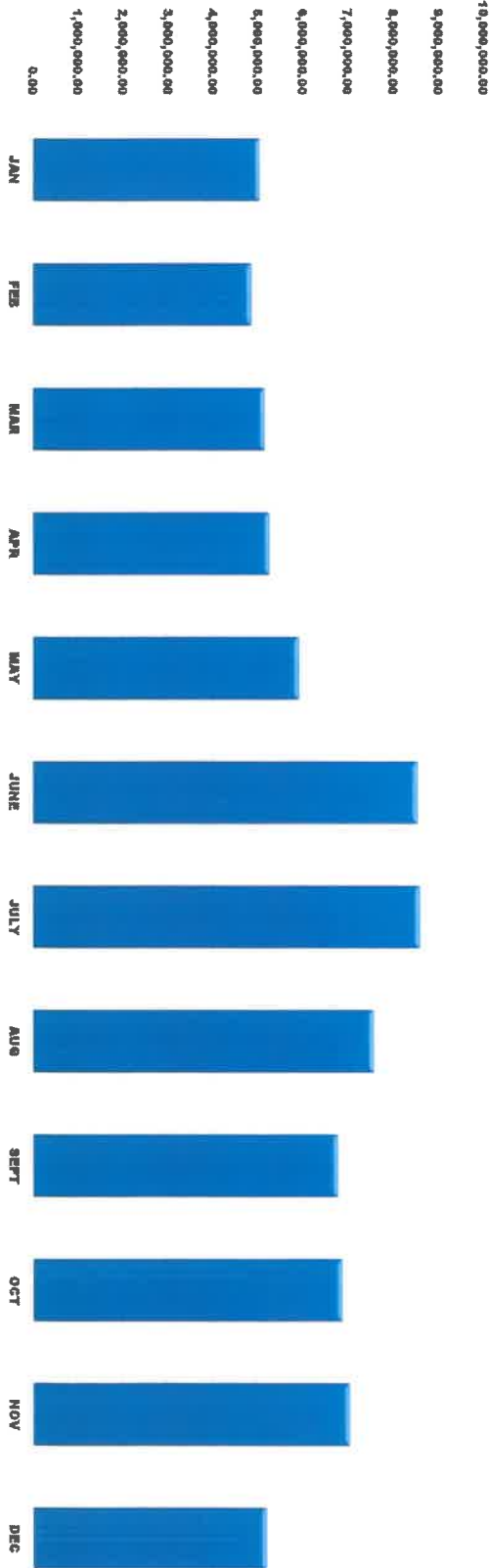
MONTH:	RES/COM kWh	DEM. BILLED	RES/COM BILL	CONSUMER'S	MPRA	MINO	ATC	CIC HYDRO	2020 PAID	2019 PAID	2018 PAID	2017 PAID	2016 PAID	2015 PD:	SAVED: (2019 vs 2020)
JAN 20	500.078.00	\$ 14,255.40	\$ 213,742.93	\$ 74,935.21	\$ 128.86	\$ 3,397.92	\$ 12,492.20	\$ 5,059.90	\$ 96,004.09	\$ 109,449.71	\$ 129,527.53	\$ 120,344.74	\$ 101,279.84	\$ 146,686.48	\$ 13,945.62
FEB 20	436.9984.00	\$ 14,355.40	\$ 182,297.69	\$ 67,865.03	\$ 217.50	\$ 2,980.07	\$ 12,446.20	\$ 5,150.71	\$ 88,999.51	\$ 101,477.04	\$ 119,847.55	\$ 111,398.64	\$ 102,655.18	\$ 168,924.53	\$ 13,272.53
MAR 20	451.0231.00	\$ 14,355.40	\$ 189,774.87	\$ 66,910.13	\$ 60.89	\$ 2,967.79	\$ 12,492.20	\$ 5,085.13	\$ 87,455.14	\$ 99,405.07	\$ 102,464.90	\$ 114,431.84	\$ 106,780.57	\$ 135,195.24	\$ 11,978.93
APR 20	419.1128.00	\$ 14,355.40	\$ 174,629.40	\$ 58,977.65	\$ 53.93	\$ 2,727.70	\$ 12,492.20	\$ 5,084.80	\$ 78,316.48	\$ 95,210.19	\$ 106,938.15	\$ 106,844.00	\$ 98,265.91	\$ 119,707.13	\$ 16,273.71
MAY 20	393.3839.00	\$ 14,353.80	\$ 160,546.59	\$ 54,248.57	\$ 760.13	\$ 2,553.83	\$ 12,492.20	\$ 5,044.55	\$ 74,534.28	\$ 84,613.79	\$ 99,338.04	\$ 106,279.16	\$ 121,566.40	\$ 149,069.19	\$ 10,478.20
JUN 20	291.1897.00	\$ 14,353.80	\$ 119,548.31	\$ 40,548.31	\$ 198.81	\$ 2,114.48	\$ 12,492.20	\$ 5,044.55	\$ 67,721.08	\$ 78,288.65	\$ 90,727.50	\$ 102,315.90	\$ 109,358.11	\$ 132,583.17	\$ 18,433.50
JUL 20	511.9565.00	\$ 14,360.76	\$ 135,267.72	\$ 64,438.53	\$ 198.81	\$ 2,270.79	\$ 12,492.20	\$ 5,044.55	\$ 87,721.08	\$ 98,431.43	\$ 115,485.83	\$ 102,015.56	\$ 109,358.11	\$ 124,653.84	\$ 12,431.68
AUG 20	4028.646.00	\$ 12,650.39	\$ 174,860.62	\$ 61,035.55	\$ 711.13	\$ 2,270.79	\$ 11,953.64	\$ 5,352.63	\$ 80,026.04	\$ 80,431.43	\$ 115,485.83	\$ 102,015.56	\$ 118,556.76	\$ 53,814.19	\$ 4,554.39
SEP 20	4129.384.00	\$ 12,852.76	\$ 170,010.62	\$ 53,873.41	\$ 109.42	\$ 2,868.68	\$ 11,859.62	\$ 5,244.79	\$ 74,884.12	\$ 79,439.06	\$ 85,710.61	\$ 98,427.29	\$ 115,892.05	\$ 93,525.67	\$ 4,554.39
OCT 20	4073.228.00	\$ 16,656.84	\$ 170,501.04	\$ 51,972.89	\$ 109.23	\$ 2,285.88	\$ 12,537.62	\$ 5,296.01	\$ 82,221.53	\$ 75,028.13	\$ 84,093.82	\$ 97,787.67	\$ 107,256.72	\$ 122,946.54	\$ 17,186.50
NOV 20	4588.695.00	\$ 16,518.24	\$ 187,008.91	\$ 58,638.79	\$ 33.58	\$ 2,736.49	\$ 12,537.62	\$ 5,328.30	\$ 79,284.58	\$ 94,672.40	\$ 95,811.47	\$ 123,757.90	\$ 113,349.60	\$ 157,862.67	\$ 13,008.84
DEC 20	4755.9473.00	\$ 158,218.19	\$ 1,974,074.44	\$ 678,703.84	\$ 1,109.91	\$ 30,905.77	\$ 138,545.62	\$ 57,742.06	\$ 905,006.70	\$ 981,565.24	\$ 1,077,237.04	\$ 1,294,437.93	\$ 1,400,503.51	\$ 76,556.54	\$ 76,556.54



1/7/20 08

Water & Light Water Pumpage Report - 2020

MONTH	Recorded Gallons Pumped 1st -30th/31st month	Billed Water Amounts (16th to 15th of the month prior)	Actual Revenue Received 1st - 30th of the month (billed from month prior)	Billed Reu's (16th to 15th of the month prior)	Gallons Billed (16th to 15th of the month prior)	Difference between gallons pumped and gallons billed	Monthly Revenue Goal	% OF GOAL	Difference between Revenue Collected and Monthly Revenue Goal
JAN'20	5,067,600.00	\$ 72,044.51	\$ 73,927.05	964.20	2,892,600.00	2,175,000.00	\$ 78,333.33	94.4%	-\$4,406.28
FEB'20	4,892,700.00	\$ 72,381.29	\$ 75,883.83	970.20	2,910,600.00	1,982,100.00	\$ 78,333.33	96.9%	-\$2,449.50
MAR'20	5,182,500.00	\$ 72,737.32	\$ 75,633.15	973.90	2,921,700.00	2,260,800.00	\$ 78,333.33	96.6%	-\$2,700.18
APR'20	5,290,400.00	\$ 73,081.21	\$ 75,520.91	976.90	2,930,700.00	2,359,700.00	\$ 78,333.33	96.4%	-\$2,812.42
MAY'20	5,960,800.00	\$ 73,748.50	\$ 69,135.57	990.20	2,970,600.00	2,990,200.00	\$ 78,333.33	88.3%	-\$9,197.76
JUNE'20	8,593,000.00	\$ 74,658.63	\$ 77,251.78	1,002.90	3,008,700.00	5,584,300.00	\$ 78,333.33	98.6%	-\$1,081.55
JULY'20	8,646,200.00	\$ 75,347.50	\$ 76,670.27	1,004.63	3,013,890.00	5,632,310.00	\$ 78,333.33	97.9%	-\$1,663.06
AUG'20	7,621,300.00	\$ 75,946.28	\$ 76,989.51	1,012.62	3,037,860.00	4,583,440.00	\$ 78,333.33	98.3%	-\$1,343.82
SEPT'20	6,829,000.00	\$ 76,136.84	\$ 78,867.08	1,015.16	3,045,480.00	3,783,520.00	\$ 78,333.33	100.7%	\$533.75
OCT'20	6,917,600.00	\$ 75,440.55	\$ 75,030.51	1,005.87	3,017,610.00	3,899,990.00	\$ 78,333.33	95.8%	-\$3,302.82
NOV'20	7,081,200.00	\$ 74,652.96	\$ 76,023.45	995.37	2,986,110.00	4,095,090.00	\$ 78,333.33	97.1%	-\$2,309.88
DEC'20	5,238,000.00	\$ 74,470.05	\$ 75,966.72	992.93	2,978,790.00	2,259,210.00	\$ 78,333.33	97.0%	-\$2,366.61
Total Gallons Pumped 77,320,300.00		Total Billed Amounts \$ 890,645.64	Total Actual Revenue \$ 906,899.83	Billed REU's \$ 11,904.88	Gallons Billed \$ 35,714,640.00		Revenue Goal \$ 939,999.96	% OF GOAL 96%	Total -\$22,647.69





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
Application Deadline	January 1, 2021	April 1, 2021	July 1, 2021	October 1, 2021
Anticipated Grant Award Date (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: (906) 235-4810	
Address: 302 E McMillan Ave		Address: 424 S Pine Street	
Newberry	MI	Ishpeming	MI
49868		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/hydrovacing/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:
Allison Watkins	Village Manager		12/29/202

Submit completed form and applicable attachments to 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.

**MI Clean Water Act
EGLE DWAM Grant
Scope of work**

UP Engineers & Architects (UPEA) has partnered with Village of Newberry (Village) to develop and submit an application for the MI Clean Water Act – Drinking Water Asset Management (DWAM) Grant. The application is focused on developing and expanding upon the existing Water Asset Management Plan (AMP) and the Final Distribution System Materials Inventory (DSMI) Report. This process will start by utilizing existing plans/reports and to build upon the available information. The need for this project focuses on the further generation of water AMP, allowing for the better understanding of the long-term system needs and strategic planning. This will incorporate the needs associated with the DSMI requirements, which we anticipate as having a significant impact on the long-term strategic planning for Village of Newberry Water System.

The following is an outline of the proposed tasks to be completed with DWAM Grant funding:

Section A – Water Asset Management Plan Update

I) Kickoff meeting with Owner and Existing Data Collection:

The kickoff meeting takes place to outline the schedule for the project, review existing pertinent information, discuss the goals of the project, and review the roles and responsibilities that each member of the project team will play. A review of the Village's existing available Water AMP and analysis of the Preliminary DSMI Report will be the main tasks of the kickoff meeting. Preparation for the meeting shall take place by both the municipality and UPEA prior to the meeting, focused on reviewing existing system data. In summary, this task will include:

- Outline available information (Record drawings, shop drawings, O&M Manuals and Practices, etc.,
- Assign tasks to Village & UPEA staff.
- Prepare Engineering Agreement.
- Review, modify, and/or create Water System Map
- Review Preliminary DSMI Report
- Develop Project Schedule and List of Final Deliverables

II) Water System Inventory & Condition Assessment

The inventory and condition assessment will coincide with the following task detailed in Section III: Master Water System Map Creation. The first task in this section will be field survey of existing infrastructure. As survey geolocation data collection takes place; UPEA staff will maintain photo documentation and perform condition assessment of the hydrants, valves, and curb stops. Condition assessment of critical infrastructure, as outlined below, will be completed by Senior Level Municipal Engineering Staff with significant experience in water distribution systems. In addition to field information UPEA shall coordinate with the Water System Operator(s) to obtain additional intimate knowledge and data of the system including but not limited to past project plans, specifications, bidding documents, shop drawings, cut sheets, and invoices. The gathered field and historic data will then be utilized to create a master database, which will be linked to the electronic Water AMP and system GIS Map to be completed in Section III. The individual component data will include the condition assessment, criticality, consequence of failure, probability of failure, location, remaining life, and age. This system will also be used to link individual component photos and condition assessment reports to the eventual electronic Water AMP system and the GIS Map. This gathered data will be summarized to provide information on water system components such as but not limited to:

- Water Distribution System
 - Pipe Network, Hydrants, & Valves.
 - PRV Stations.
 - Booster Stations.
 - SCADA System.
- Water Supply
 - Wells.
 - Well House.
 - Surface Water Supply Intake.
 - Controls
- Pre-Distribution Treatment System
- Water Storage Tanks

III) Master Water System Map Creation & Master Water AMP:

UPEA shall coordinate with Village of Newberry to layout a survey schedule for the completion of the water system map. For the majority of investigation, UPEA will rely on Village staff for field locating the valves, hydrants, and curb stops. UPEA staff will gather geolocation data for valves, hydrants, and curb stops using survey equipment. UPEA will also be performing condition assessments as they gather the survey location data (Section II). This information will be used to improve the accuracy of the water system mapping and to develop a water GIS system that the Village staff can use in conjunction with the Water AMP and condition assessment database. This is a critical component of both the AMP and DSMI project goals. The location information will be used when we complete the field inspections necessary to satisfy the EGLE Final DSMI reporting requirements.

- Create the Software for the Water AMP
- Manual component entry for water system amp databases
- Municipal Staff Training
- Survey Curb Stops with Location Photo
- Survey Hydrants with Location Photo
- Survey Gate Valves with Location Photo
- Development of survey quality system map
- Integration of map into GIS software
- Link Asset Inventory Assessment/Photo to GIS Database/Component Data

IV) Capital Improvement Plan (CIP) & Budget Projections

UPEA shall coordinate with the Village to complete a hydraulic network analysis of the water system. This will include calibration of the system model through the collection of field hydrant flow data at key locations throughout the system. The completion of this analysis along with the water AMP data inventory/conditions assessments, and the Village's intent moving forward as a water distribution provider will be used to develop the 5yr and 20yr CIP. Incorporation of the Water Fund budget actuals will be used to forecast necessary rate structures and funding options that should be pursued to meet the requirements outlined in the CIP. The following bullet points summarized the proposed scope outlined in Section IV:

- Complete Flow and Residual Pressure Tests throughout the water system.
- Develop Hydraulic Model of System for the current conditions and calibrate to field hydrant tests.
- Develop Hydraulic Model for the projected 5-year & 20-year system demands.
- Identify deficiencies in the current system & projected 5-year/20-year demands based on the model.

- Identify improvements to remove deficiencies found in the current system & projected 5-year/20-year demands in the model.
- Develop CIP for the current system & projected 5-year/20-year demands based on improvements identified in the Hydraulic Model.
- Develop a Summary Budget Report.
- Revenue Structure Review and Development

Section B – Verification of Material for Final DSMI

The generation of the Final DSMI Report will be completed with the collaboration of UPEA and the Village Staff. The first step of the process will be the review of the water system map that is organized by age, material, and type. Portions of the water system may have the existing records that may potentially eliminate portions of the system from requiring field verification of lead service lines. An updated map will be generated based on that analysis for review and approval by EGLE Staff prior to continuing onto the second step of field verification. Field verification will start with an inspection of the water service at the location that it enters the building. If the service is galvanized, it will be assumed that the service is galvanized all the way to the curb stop. If the service material is found to be copper plastic, or not thought to contain lead components it will be discussed with EGLE if additional site analysis will need to take place. After the interior inspections are completed, a portion of the services in key areas will go through a pot holing process to perform a visual inspection of the water service material. Prior to this process starting, UPEA will coordinate with EGLE to confirm that the scope of work meets the requirements to qualify as a Final DSMI Report. Once the field inspections are completed, an updated map and list will be generated for each water service. This will summarize the condition/designation of each service on the water system. This will be compiled into a Final DSMI Report format and submitted to EGLE for review and approval.

- Review of past project records, water main age map
- Identify service laterals to be investigated based on year installed and Preliminary DSMI Report
- Interior building survey of service lateral materials
- Pot holing/hydrovacung service laterals to identify material
- Compile Field Record for every exposed service line
- Prepare final DSMI
- Update Capital Improvement Plan to include replacement of all lead service lateral within EGLE's lead/copper rule time frame
- Compile and submit final DSMI/Improvement Schedule to EGLE

Section C – DWAM Application

UPEA has been coordinating with the Village since the DWAM Grant Program was announced on October 15th. Since then, UPEA has attended the ELGE webinars, reviewed the provided program information, attended meetings with the Village, reviewed the current system data, and coordinated the completion and submittal of a grant application to EGLE. This process has involved an in-depth review of the current water system AMP and the status and potential liability associated with the DSMI Reporting. UPEA's proposed budget associated with this proposed scope of work are summarized in the attached cost spreadsheet.

Section D – Water AMP Report

Upon the completion of the DWAM Grant scope of work, UPEA shall develop a summary of the water AMP and Final DSMI reports. The results from the Final DSMI Report will potentially have a significant impact on the water AMP and associated (CIP). The summary letter and final reports will be submitted to EGLE to confirm completion of the DWAM Grant project scope of work and deliverable requirements

Project Need

The Village needs to update its water AMP, expand upon its capabilities, and generate a user-friendly interface that allows for easy data input and a survey quality GIS map. The Village is also required to generate a hydraulic analysis, which will be included in the water AMP update.

The development of the Final DSMI Report and the incorporation of its findings into the water AMP is a major component of this application. The financial planning and forecasting related to service line replacement and its impact on future budgets and rate schedules will be an important project deliverable.

Project Schedule

[illegible]



Prepared by: Matthew L Treado, P.E.

Date: December, 2020

UPFA Project No: N24-01199

VILLAGE OF NEWBERRY
EGLE DWAM
Asset Management Task/Hours/Fee

UPFA Project No.: N24-01149																		
Task Description	Resource		Owner Forced Account					U.P. Engineers & Architects (see attached proposal)					Equipment		ESTIMATE PROJECT COST	INCURRED PROJECT COST		
	Manager	Hourly Rate	Sup	Operator	Admin Asst	Expenses	P.M.	Engineer	Engineer	Survey RLS	Survey I	Designer II	Expenses Travel, Copy, Mail, etc.	See attached quotes				
A. WATER ASSET MANAGEMENT UPDATE	Forced Account Hourly Rate		\$0.00	\$45.06														
	Forced Account Benefit (40% of Hourly)		\$0.00	\$18.02														
	2021 Total Hourly Rate		\$0.00	\$63.08														
	I. KICKOFF WITH OWNER / DATA COLLECTION																	
	• Gather Existing System Data - Abutments, System Maps, Etc.			4		4		4	4								\$1,468.34	
	• Outline Available Information			4		4		4	4					94.99			\$1,563.33	
	• Develop Scope of Work and Assign Tasks to Owner & UPFA Staff			4		4		4	4								\$1,468.34	
	HOURS			12		12		12	12									
	KICKOFF W/OWNER / DATA COLLECTION TOTAL COST		\$	757.01	\$	588.00	\$	1,692.00	\$	1,368.00	\$		\$	94.99	\$		\$	4,500.00
	II. INVENTORY UPDATE																	
a. Water Distribution System																		
• Pipe Network/Hydrants/Valves (age, size, material, maintenance record)										40			125.59		2,974.41		\$6,200.00	
• PIV Stations (age, size, material, maintenance record)										8							\$760.00	
• Booster Stations										0							\$0.00	
• SCADA																		
b. Water Supply																		
• Wells										16							\$1,520.00	
• Well House										16							\$1,520.00	
• Surface Water Supply Intake										0							\$0.00	
c. Treatment System & Controls										16							\$1,520.00	
d. Water Storage Tanks										16							\$1,520.00	
HOURS			0		0		0		0	120		0		0				
INVENTORY AND CONDITION ASSESSMENT TOTAL COST		\$		\$		\$		\$		\$	11,400.00	\$	125.59	\$	2,974.41	\$	14,500.00	
III. MASTER WATER SYSTEM MAP UPDATE																		
a. Generation of Water System AMP Software																		
• Create the Software for the Water AMP																	\$0.00	
• Manual component entry for water system amp databases																	\$3,520.00	
• Municipal Staff Training																	\$7,040.00	
b. Update Computerized Master Water System Map																	\$2,192.00	
• Survey Curb Stops with location Photo (812 connections)																	\$0.00	
• Survey Hydrants with location Photo (150 hydrants)																	\$49,914.00	
• Survey Gate Valves with location Photo (300 gate valves)																	\$12,064.00	
c. GIS Integration with System Map and Inventory																	\$11,070.00	
• Development of survey quality system map																	\$0.00	
• Integration of map into GIS software																	\$11,320.00	
• Link Asset Inventory Assessment/Photo to GIS Database																	\$14,480.00	
HOURS			0		0		422		0		0		122		296			
MASTER WATER SYSTEM MAP TOTAL COST		\$		\$		\$	20,678.00	\$		\$	15,250.00	\$	53,720.00	\$	26,048.00	\$	132,000.00	
IV. CAPITAL IMPROVEMENT PLAN FOR EXISTING, 5-YEAR & 20-YEAR DESIGN UPDATE																		
• Complete fire flow tests throughout the system																	\$3,688.00	
• Update hydraulic model of system for the current conditions and calibrate to fire flow tests																	\$6,840.00	
• Update hydraulic model for the projected 5-year & 20-year demands																	\$912.00	
• Identify updated deficiencies in current system and projected 5-year & 20-year demands																	\$912.00	
• Update improvements to remove fire flow deficiencies in current system, & 5-year/20-year projections																	\$912.00	
• Update CIP for current, 5-year and 20-year using improvements identified in updated hydraulic model																	\$912.00	
• Revenue Structure Review and Development																		
HOURS			0		0		16		0		16		0		0			
CAPITAL IMPROVEMENT PLAN TOTAL COST		\$		\$		\$	784.00	\$		\$	12,312.00	\$	1,264.00	\$	120.00	\$	16,000.00	



Prepared by: Matthew L. Treado, P.E.

Date: December, 2020

UP&A Project No.: N24-01149

VILLAGE OF NEWBERRY
EGLE DWAM
Asset Management Task/Hours/Fee

UPEA Project No.: N24-01149				Owner Forced Account				U.P. Engineers & Architects (see attached proposal)							Equipment		ESTIMATE PROJECT COST	INCURRED PROJECT COST
Task Description	Resource	Manager	Sup	Operator	Admin Asst	Expenses	P.M.	Project Engineer	Engineer	Survey RLS	Survey I	Designer II	Expenses	See attached quotes				
	Forced Account Hourly Rate	\$0.00	\$45.06	\$35.00	\$0.00													
	Forced Account Benefit (40% of Hourly)	\$0.00	\$18.02	\$14.00	\$0.00													
	2021 Total Hourly Rate	\$0.00	\$53.08	\$49.00	\$0.00		\$141.00	\$114.00	\$95.00	\$125.00	\$79.00	\$88.00						
B. VERIFICATION OF MATERIAL FOR FINAL DSMI																		
	• Identify service laterals to be investigated based on year installed and Preliminary DSMI Report (812 services)		8	8			2	16	16				40	230.98		\$4,522.67		
	• Develop and Distribute Interior building survey of service lateral material					126,000.00			8							\$4,510.98		
	• 15 % Pot Holing/Hydrovacating service laterals to identify material (126 services)			63				8				126				\$129,087.00		
	• Complete Field Record Drawing for Every exposed service line (126 Services)						2	16	24							\$12,000.00		
	• Prepare final DSMI		8	8												\$5,282.67		
	• Update Capital Improvement Plan to include replacement of all lead service lateral within EGLE's lead/corrier rule time frame		4	4			8	8	8							\$3,248.34		
	• Compile and submit final DSMI/Improvement Schedule to EGLE		4	4			4	4	4							\$1,848.34		
	HOURS	0	24	87	0		16	52	60	0	0	166						
	VERIFICATION OF MATERIAL FOR FINAL DSMI TOTAL COST	\$ -	\$ 1,514.02	\$ 4,263.00	\$ -	\$ 126,000.00	\$ 2,256.00	\$ 5,928.00	\$ 5,700.00	\$ -	\$ -	\$ 14,008.00	\$ 230.98			\$ 160,500.00		
C. DWAM APPLICATION																		
	• Application Cost (See UPEA's Invoices thru 12/30/2020)							8	8	4			80.00			\$2,500.00		
	HOURS	0	0	0	0		8	8	4	0	0	0						
	DWAM APPLICATION TOTAL COST	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,128.00	\$ 912.00	\$ 380.00	\$ -	\$ -	\$ -	\$ 80.00			\$ 2,500.00		
D. UPDATE WATER AMP REPORT																		
	• Compile and Submit Updated Water AMP Executive Summary to EGLE		2	2			2	8	0	0	0	0	81.83			\$1,500.00		
	HOURS	0	2	2	0		2	8	0	0	0	0						
	DWAM APPLICATION TOTAL COST	\$ -	\$ 126.17	\$ 98.00	\$ -	\$ -	\$ 282.00	\$ 912.00	\$ -	\$ -	\$ -	\$ -	\$ 81.83			\$ 1,500.00		
	TOTAL ALL ITEMS	\$ -	\$ 2,397.19	\$ 26,411.00	\$ -	\$ 126,000.00	\$ 5,358.00	\$ 21,432.00	\$ 19,000.00	\$ 15,250.00	\$ 54,984.00	\$ 40,656.00	\$ 1,283.39	\$ 18,728.41		\$ 331,500.00		
																\$ -		

**VILLAGE OF NEWBERRY
COUNTY OF LUCE
STATE OF MICHIGAN**

**AMENDMENT TO
ORDINANCE A**

Ordinance A is amended to modify the second paragraph of Section A:1:1b At Large Members as follows:

One at large member may be a customer and not elector. The customer utility address must be located within the service area of the Newberry Water & Light Board and be a current account. A non-electer customer member, if nominated and approved, may serve as chairperson, or acting chairperson.

PUBLICATION AND EFFECTIVE DATE

The Clerk shall cause a copy of this Ordinance Amendment to be published in the Newberry News and shall make copies available for inspection at the Village offices.

This change shall be retroactive to August 1, 2019.

The Ordinance Amendment shall be effective 10 days after the date of publication.

APPROVED AND ADOPTED BY THE VILLAGE OF NEWBERRY COUNCIL
ON JANUARY 19, 2020.

Catherine Freese, Village President

Terese Schummer, Village Clerk

CERTIFICATION

I hereby certify that the foregoing is a true and complete copy of an Ordinance Amendment adopted by the Village Council of the Village of Newberry, County of Luce, State of Michigan, at a regular electronic meeting held on JANUARY 19, 2020 that said meeting was conducted and public notice of said meeting was given pursuant to and in full compliance with the Open Meetings Act, being Act 267, Public Acts of Michigan, 1976, and that the minutes of said meeting were kept and will be or have been made available as required by said Act. I further certify that the foregoing Ordinance was published on

_____ in the following
newspaper: NEWBERRY NEWS

Terese Schummer, Clerk

Edits made 8.13.19 based on 8.6.2019 Work Session

Edits made 8.14.19 based on 8.13.19 WGL Meeting

Edits made 2.20.2020 based on Jan & Feb ORD Committee & 2.18.20 Council Meeting

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ORDINANCE A

This is an Ordinance Relative to the Management, Control and Use of the Water and Light Plants and Distribution Systems of the Village of Newberry.

THE VILLAGE OF NEWBERRY ORDAINS:

A:1:1 Board:

There is hereby created and constituted a Board under the name of the Newberry Water and Light Board to be composed of five members, except as provided in paragraph A:1:1a, who shall be electors of the Village, hereinafter referred to as "Board". The members of the Board shall be nominated by the Village President and approved by the Council. The appointment of members to the Newberry Water and Light Board shall be at the Council's regular October meeting.

A:1:1a Council Members

Two council members so appointed by the Village President and approved by the Council shall serve for a term of one (1) year; which terms shall commence at the date of appointment and shall expire upon the appointment of a successor at the regular Council meeting the following October.

A:1:1b At Large Members:

An at-large appointment shall be made at the regular October Village Council Meeting. The term of each member shall commence upon taking the oath of office. The term, of office shall be for three years and there shall be three (3) at large members serving. Each and every year, in the month of October, one (1) at-large member's term shall expire. Shall a vacancy arise during a member's term the Village President may present a candidate to the Village Council for approval of appointment to serve the remainder of the term associated with the vacant position. It is imperative that the at-large members' terms remain staggered so as not to allow more than one position's term to expire in the same year.

One at large member may be a customer and not elector. The customer ~~member~~ utility address shall ~~reside at~~ ~~be located within~~ the service area of the Newberry Water and Light Board and be a current ~~customer~~ account. A non –elector customer member, if nominated and approved may ~~not~~ serve as chairperson, or acting chairperson.

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Commented [A1]: AW suggested edit to change customer to account for clarity.

Commented [A2]: Conversation took place regarding removing the requirement that a customer must reside at their billed location. It was agreed that the term "customer" needed to be more clearly defined.

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30:00 **Reserved for Rate Chart**

40:00 COLLECTIONS

40:01 **BILLS PAYABLE:**

Bills are payable without penalty on or before the 15th day of the month. Bills are considered paid upon receipt by an authorized collection agent or the Newberry Water & Light Board.

40:02 **INTEREST:**

The customer who has an unpaid balance at the time of the next billing will be charged interest at the rate of 5% per month on the unpaid balance.

40:03 **DISCONNECT NOTICE:**

Customers who have an unpaid balance after the 15th of the month due date shall receive a reminder notice which will be mailed via first class to the customer instructing them that the delinquent portion of the bill must be paid by month's end. If the account is still not paid by the end of the month, then a disconnect notice will be hand delivered to the customer's premises giving them 10 days to pay the delinquent portion of the bill or services will be shut off for nonpayment.

40:04 **DISCONNECT:**

Customers who have an unpaid balance for ten (10) days after receiving a disconnect notice shall be disconnected.

40:10 **COLLECTION OF DELINQUENT ACCOUNTS:**

Necessary steps will be taken to collect delinquent accounts. Customer's accounts with an unpaid balance for two (2) months shall be referred to the Water& Light Board Attorney for:

- a) Tax certification, and/or
- b) Civil collection, and/or
- c) Other legal action.

Nothing in these policies shall prohibit the Newberry Water & Light from making collection efforts as it shall deem appropriate, including but not limited to, denying service.

Dated: 9/30/2005
Delivered: 9/30/2005

Yearly Debt Service
Village of Newberry
2005 Water Supply System Revenue Bond

1
No Calls

Calendar Year	September 1 Principal	Coupon Rate	March 1 Interest	September 1 Interest	Yearly Debt Service	Outstanding Debt	Cusip #
2006	20,000.00	4.125	39,794.81	47,437.50	107,232.31	2,280,000.00	
2007	21,000.00	4.125	47,025.00	47,025.00	115,050.00	2,259,000.00	
2008	22,000.00	4.125	46,591.88	46,591.88	115,183.76	2,237,000.00	
2009	23,000.00	4.125	46,138.13	46,138.13	115,276.26	2,214,000.00	
2010	24,000.00	4.125	45,663.75	45,663.75	115,327.50	2,190,000.00	
2011	25,000.00	4.125	45,168.75	45,168.75	115,337.50	2,165,000.00	
2012	27,000.00	4.125	44,653.13	44,653.13	116,306.26	2,138,000.00	
2013	28,000.00	4.125	44,096.25	44,096.25	116,192.50	2,110,000.00	
2014	29,000.00	4.125	43,518.75	43,518.75	116,037.50	2,081,000.00	
2015	31,000.00	4.125	42,920.63	42,920.63	116,841.26	2,050,000.00	
2016	32,000.00	4.125	42,281.25	42,281.25	116,562.50	2,018,000.00	
2017	34,000.00	4.125	41,621.25	41,621.25	117,242.50	1,984,000.00	
2018	35,000.00	4.125	40,920.00	40,920.00	116,840.00	1,949,000.00	
2019	37,000.00	4.125	40,198.12	40,198.12	117,396.24	1,912,000.00	
2020	39,000.00	4.125	39,435.00	39,435.00	117,870.00	1,873,000.00	
2021	41,000.00	4.125	38,630.62	38,630.62	118,261.24	1,832,000.00	
2022	42,000.00	4.125	37,785.00	37,785.00	117,570.00	1,790,000.00	
2023	44,000.00	4.125	36,918.75	36,918.75	117,837.50	1,746,000.00	
2024	47,000.00	4.125	36,011.25	36,011.25	119,022.50	1,699,000.00	
2025	49,000.00	4.125	35,041.87	35,041.87	119,083.74	1,650,000.00	
2026	51,000.00	4.125	34,031.25	34,031.25	119,062.50	1,599,000.00	
2027	54,000.00	4.125	32,979.37	32,979.37	119,958.74	1,545,000.00	
2028	56,000.00	4.125	31,865.62	31,865.62	119,731.24	1,489,000.00	
2029	59,000.00	4.125	30,710.62	30,710.62	120,421.24	1,430,000.00	
2030	62,000.00	4.125	29,493.74	29,493.74	120,987.48	1,368,000.00	
2031	65,000.00	4.125	28,214.99	28,214.99	121,429.98	1,303,000.00	
2032	68,000.00	4.125	26,874.37	26,874.37	121,748.74	1,235,000.00	
2033	71,000.00	4.125	25,471.87	25,471.87	121,943.74	1,164,000.00	
2034	74,000.00	4.125	24,007.49	24,007.49	122,014.98	1,090,000.00	
2035	78,000.00	4.125	22,481.24	22,481.24	122,962.48	1,012,000.00	
2036	81,000.00	4.125	20,872.49	20,872.49	122,744.98	931,000.00	
2037	85,000.00	4.125	19,201.87	19,201.87	123,403.74	846,000.00	
2038	89,000.00	4.125	17,448.75	17,448.75	123,897.50	757,000.00	
2039	94,000.00	4.125	15,613.13	15,613.13	125,226.26	663,000.00	
2040	98,000.00	4.125	13,674.38	13,674.38	125,348.76	565,000.00	
2041	103,000.00	4.125	11,653.13	11,653.13	126,306.26	462,000.00	
2042	108,000.00	4.125	9,528.75	9,528.75	127,057.50	354,000.00	
2043	113,000.00	4.125	7,301.25	7,301.25	127,602.50	241,000.00	
2044	118,000.00	4.125	4,970.63	4,970.63	127,941.26	123,000.00	
2045	123,000.00	4.125	2,536.88	2,536.88	128,073.76	-	
2,300,000.00			1,243,346.01	1,250,988.70	4,794,334.71		

True Interest Cost (TIC)	4.1251860	Arbitrage Yield Limit (AYL)	4.1251860
Net Interest Cost (NIC)	4.1249999	Arbitrage Net Interest Cost (ANIC)	4.1250000

Village of Newberry
2005 Water Supply System Revenue Bond
Debt Service Schedule
\$ 2,300,000.00

Dated: 09/30/2005
Delivered: 09/30/2005
No Calls

Calendar Year	Coupon Date	Principal Payment	Coupon Rate	Interest Payment	Credit Enhancements	Periodic Debt Service	Fiscal Debt Service	Outstanding Debt
2006	3/1/2006			39,794.81	-	39,794.81	-	2,300,000.00
	9/1/2006	20,000.00	4.125	47,437.50	-	67,437.50	107,232.31	2,280,000.00
2007	3/1/2007			47,025.00	-	47,025.00	-	2,280,000.00
	9/1/2007	21,000.00	4.125	47,025.00	-	68,025.00	115,050.00	2,259,000.00
2008	3/1/2008			46,591.88	-	46,591.88	-	2,259,000.00
	9/1/2008	22,000.00	4.125	46,591.88	-	68,591.88	115,183.76	2,237,000.00
2009	3/1/2009			46,138.13	-	46,138.13	-	2,237,000.00
	9/1/2009	23,000.00	4.125	46,138.13	-	69,138.13	115,276.26	2,214,000.00
2010	3/1/2010			45,663.75	-	45,663.75	-	2,214,000.00
	9/1/2010	24,000.00	4.125	45,663.75	-	69,663.75	115,327.50	2,190,000.00
2011	3/1/2011			45,168.75	-	45,168.75	-	2,190,000.00
	9/1/2011	25,000.00	4.125	45,168.75	-	70,168.75	115,337.50	2,165,000.00
2012	3/1/2012			44,653.13	-	44,653.13	-	2,165,000.00
	9/1/2012	27,000.00	4.125	44,653.13	-	71,653.13	116,306.26	2,138,000.00
2013	3/1/2013			44,096.25	-	44,096.25	-	2,138,000.00
	9/1/2013	28,000.00	4.125	44,096.25	-	72,096.25	116,192.50	2,110,000.00
2014	3/1/2014			43,518.75	-	43,518.75	-	2,110,000.00
	9/1/2014	29,000.00	4.125	43,518.75	-	72,518.75	116,037.50	2,081,000.00
2015	3/1/2015			42,920.63	-	42,920.63	-	2,081,000.00
	9/1/2015	31,000.00	4.125	42,920.63	-	73,920.63	116,841.26	2,050,000.00
2016	3/1/2016			42,281.25	-	42,281.25	-	2,050,000.00
	9/1/2016	32,000.00	4.125	42,281.25	-	74,281.25	116,562.50	2,018,000.00
2017	3/1/2017			41,621.25	-	41,621.25	-	2,018,000.00
	9/1/2017	34,000.00	4.125	41,621.25	-	75,621.25	117,242.50	1,984,000.00
2018	3/1/2018			40,920.00	-	40,920.00	-	1,984,000.00
	9/1/2018	35,000.00	4.125	40,920.00	-	75,920.00	116,840.00	1,949,000.00
2019	3/1/2019			40,198.12	-	40,198.12	-	1,949,000.00
	9/1/2019	37,000.00	4.125	40,198.12	-	77,198.12	117,396.24	1,912,000.00
2020	3/1/2020			39,435.00	-	39,435.00	-	1,912,000.00
	9/1/2020	39,000.00	4.125	39,435.00	-	78,435.00	117,870.00	1,873,000.00
2021	3/1/2021			38,630.62	-	38,630.62	-	1,873,000.00
	9/1/2021	41,000.00	4.125	38,630.62	-	79,630.62	118,261.24	1,832,000.00
2022	3/1/2022			37,785.00	-	37,785.00	-	1,832,000.00
	9/1/2022	42,000.00	4.125	37,785.00	-	79,785.00	117,570.00	1,790,000.00
2023	3/1/2023			36,918.75	-	36,918.75	-	1,790,000.00
	9/1/2023	44,000.00	4.125	36,918.75	-	80,918.75	117,837.50	1,746,000.00
2024	3/1/2024			36,011.25	-	36,011.25	-	1,746,000.00
	9/1/2024	47,000.00	4.125	36,011.25	-	83,011.25	119,022.50	1,699,000.00
2025	3/1/2025			35,041.87	-	35,041.87	-	1,699,000.00
	9/1/2025	49,000.00	4.125	35,041.87	-	84,041.87	119,083.74	1,650,000.00
2026	3/1/2026			34,031.25	-	34,031.25	-	1,650,000.00
	9/1/2026	51,000.00	4.125	34,031.25	-	85,031.25	119,062.50	1,599,000.00
2027	3/1/2027			32,979.37	-	32,979.37	-	1,599,000.00
	9/1/2027	54,000.00	4.125	32,979.37	-	86,979.37	119,958.74	1,545,000.00
2028	3/1/2028			31,865.62	-	31,865.62	-	1,545,000.00
	9/1/2028	56,000.00	4.125	31,865.62	-	87,865.62	119,731.24	1,489,000.00
2029	3/1/2029			30,710.62	-	30,710.62	-	1,489,000.00
	9/1/2029	59,000.00	4.125	30,710.62	-	89,710.62	120,421.24	1,430,000.00
2030	3/1/2030			29,493.74	-	29,493.74	-	1,430,000.00

NEWBERRY-2005-A | FY: 1 | Mun-EaseElevateMainDb | 16.97 EDB | 11/16/2017 | 12:19 | Rpt24c

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Village of Newberry
2005 Water Supply System Revenue Bond
Debt Service Schedule
\$ 2,300,000.00

Dated: 09/30/2005
Delivered: 09/30/2005
No Calls

Calendar Year	Coupon Date	Principal Payment	Coupon Rate	Interest Payment	Credit Enhancements	Periodic Debt Service	Fiscal Debt Service	Outstanding Debt
	9/1/2030	62,000.00	4.125	29,493.74	-	91,493.74	120,987.48	1,368,000.00
2031	3/1/2031			28,214.99	-	28,214.99	-	1,368,000.00
	9/1/2031	65,000.00	4.125	28,214.99	-	93,214.99	121,429.98	1,303,000.00
2032	3/1/2032			26,874.37	-	26,874.37	-	1,303,000.00
	9/1/2032	68,000.00	4.125	26,874.37	-	94,874.37	121,748.74	1,235,000.00
2033	3/1/2033			25,471.87	-	25,471.87	-	1,235,000.00
	9/1/2033	71,000.00	4.125	25,471.87	-	96,471.87	121,943.74	1,164,000.00
2034	3/1/2034			24,007.49	-	24,007.49	-	1,164,000.00
	9/1/2034	74,000.00	4.125	24,007.49	-	98,007.49	122,014.98	1,090,000.00
2035	3/1/2035			22,481.24	-	22,481.24	-	1,090,000.00
	9/1/2035	78,000.00	4.125	22,481.24	-	100,481.24	122,962.48	1,012,000.00
2036	3/1/2036			20,872.49	-	20,872.49	-	1,012,000.00
	9/1/2036	81,000.00	4.125	20,872.49	-	101,872.49	122,744.98	931,000.00
2037	3/1/2037			19,201.87	-	19,201.87	-	931,000.00
	9/1/2037	85,000.00	4.125	19,201.87	-	104,201.87	123,403.74	846,000.00
2038	3/1/2038			17,448.75	-	17,448.75	-	846,000.00
	9/1/2038	89,000.00	4.125	17,448.75	-	106,448.75	123,897.50	757,000.00
2039	3/1/2039			15,613.13	-	15,613.13	-	757,000.00
	9/1/2039	94,000.00	4.125	15,613.13	-	109,613.13	125,226.26	663,000.00
2040	3/1/2040			13,674.38	-	13,674.38	-	663,000.00
	9/1/2040	98,000.00	4.125	13,674.38	-	111,674.38	125,348.76	565,000.00
2041	3/1/2041			11,653.13	-	11,653.13	-	565,000.00
	9/1/2041	103,000.00	4.125	11,653.13	-	114,653.13	126,306.26	462,000.00
2042	3/1/2042			9,528.75	-	9,528.75	-	462,000.00
	9/1/2042	108,000.00	4.125	9,528.75	-	117,528.75	127,057.50	354,000.00
2043	3/1/2043			7,301.25	-	7,301.25	-	354,000.00
	9/1/2043	113,000.00	4.125	7,301.25	-	120,301.25	127,602.50	241,000.00
2044	3/1/2044			4,970.63	-	4,970.63	-	241,000.00
	9/1/2044	118,000.00	4.125	4,970.63	-	122,970.63	127,941.26	123,000.00
2045	3/1/2045			2,536.88	-	2,536.88	-	123,000.00
	9/1/2045	123,000.00	4.125	2,536.88	-	125,536.88	128,073.76	
		2,300,000.00		2,494,334.71		4,794,334.71		
True Interest Cost (TIC)			4.1251860	Arbitrage Yield Limit (AYL)			4.1251860	
Net Interest Cost (NIC)			4.1249999	Arbitrage Net Interest Cost (ANIC)			4.1250000	
Accrued Interest			0.00					

Dated: 3/20/2009 Yearly Debt Service 1
 Delivered: 3/20/2009 Village of Newberry
 2009 Water Supply System Revenue Bond No Calls

Calendar Year	September 1 Principal	Coupon Rate	March 1 Interest	September 1 Interest	Yearly Debt Service	Outstanding Debt	Cusip #
2009	3,000.00	4.125	-	5,534.38	8,534.38	297,000.00	
2010	3,000.00	4.125	6,125.62	6,125.62	15,251.24	294,000.00	
2011	3,000.00	4.125	6,063.74	6,063.74	15,127.48	291,000.00	
2012	3,000.00	4.125	6,001.86	6,001.86	15,003.72	288,000.00	
2013	4,000.00	4.125	5,939.98	5,939.98	15,879.96	284,000.00	
2014	4,000.00	4.125	5,857.48	5,857.48	15,714.96	280,000.00	
2015	4,000.00	4.125	5,774.98	5,774.98	15,549.96	276,000.00	
2016	4,000.00	4.125	5,692.48	5,692.48	15,384.96	272,000.00	
2017	4,000.00	4.125	5,609.98	5,609.98	15,219.96	268,000.00	
2018	4,000.00	4.125	5,527.48	5,527.48	15,054.96	264,000.00	
2019	5,000.00	4.125	5,444.98	5,444.98	15,889.96	259,000.00	
2020	5,000.00	4.125	5,341.86	5,341.86	15,683.72	254,000.00	
2021	5,000.00	4.125	5,238.74	5,238.74	15,477.48	249,000.00	
2022	5,000.00	4.125	5,135.62	5,135.62	15,271.24	244,000.00	
2023	5,000.00	4.125	5,032.50	5,032.50	15,065.00	239,000.00	
2024	6,000.00	4.125	4,929.38	4,929.38	15,858.76	233,000.00	
2025	6,000.00	4.125	4,805.63	4,805.63	15,611.26	227,000.00	
2026	6,000.00	4.125	4,681.88	4,681.88	15,363.76	221,000.00	
2027	6,000.00	4.125	4,558.13	4,558.13	15,116.26	215,000.00	
2028	7,000.00	4.125	4,434.38	4,434.38	15,868.76	208,000.00	
2029	7,000.00	4.125	4,290.00	4,290.00	15,580.00	201,000.00	
2030	7,000.00	4.125	4,145.62	4,145.62	15,291.24	194,000.00	
2031	7,000.00	4.125	4,001.24	4,001.24	15,002.48	187,000.00	
2032	8,000.00	4.125	3,856.86	3,856.86	15,713.72	179,000.00	
2033	8,000.00	4.125	3,691.86	3,691.86	15,383.72	171,000.00	
2034	8,000.00	4.125	3,526.86	3,526.86	15,053.72	163,000.00	
2035	9,000.00	4.125	3,361.86	3,361.86	15,723.72	154,000.00	
2036	9,000.00	4.125	3,176.24	3,176.24	15,352.48	145,000.00	
2037	9,000.00	4.125	2,990.62	2,990.62	14,981.24	136,000.00	
2038	10,000.00	4.125	2,805.00	2,805.00	15,610.00	126,000.00	
2039	10,000.00	4.125	2,598.75	2,598.75	15,197.50	116,000.00	
2040	11,000.00	4.125	2,392.50	2,392.50	15,785.00	105,000.00	
2041	11,000.00	4.125	2,165.62	2,165.62	15,331.24	94,000.00	
2042	12,000.00	4.125	1,938.74	1,938.74	15,877.48	82,000.00	
2043	12,000.00	4.125	1,691.24	1,691.24	15,382.48	70,000.00	
2044	13,000.00	4.125	1,443.74	1,443.74	15,887.48	57,000.00	
2045	13,000.00	4.125	1,175.62	1,175.62	15,351.24	44,000.00	
2046	14,000.00	4.125	907.50	907.50	15,815.00	30,000.00	
2047	14,000.00	4.125	618.75	618.75	15,237.50	16,000.00	
2048	16,000.00	4.125	330.00	330.00	16,660.00	-	
300,000.00			153,305.32	158,839.70	612,145.02		

True Interest Cost (TIC)	4.1251259	Arbitrage Yield Limit (AYL)	4.1251335
Net Interest Cost (NIC)	4.1249920	Arbitrage Net Interest Cost (ANIC)	4.1250000

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 NEWBERRY-2009-A

Village of Newberry
2009 Water Supply System Revenue Bond
Debt Service Schedule
\$ 300,000.00

Dated: 03/20/2009
Delivered: 03/20/2009
No Calls

Calendar Year	Coupon Date	Principal Payment	Coupon Rate	Interest Payment	Credit Enhancements	Periodic Debt Service	Fiscal Debt Service	Outstanding Debt
2009	9/1/2009	3,000.00	4.125	5,534.38	-	8,534.38	8,534.38	297,000.00
2010	3/1/2010			6,125.62	-	6,125.62	-	297,000.00
	9/1/2010	3,000.00	4.125	6,125.62	-	9,125.62	15,251.24	294,000.00
2011	3/1/2011			6,063.74	-	6,063.74	-	294,000.00
	9/1/2011	3,000.00	4.125	6,063.74	-	9,063.74	15,127.48	291,000.00
2012	3/1/2012			6,001.86	-	6,001.86	-	291,000.00
	9/1/2012	3,000.00	4.125	6,001.86	-	9,001.86	15,003.72	288,000.00
2013	3/1/2013			5,939.98	-	5,939.98	-	288,000.00
	9/1/2013	4,000.00	4.125	5,939.98	-	9,939.98	15,879.96	284,000.00
2014	3/1/2014			5,857.48	-	5,857.48	-	284,000.00
	9/1/2014	4,000.00	4.125	5,857.48	-	9,857.48	15,714.96	280,000.00
2015	3/1/2015			5,774.98	-	5,774.98	-	280,000.00
	9/1/2015	4,000.00	4.125	5,774.98	-	9,774.98	15,549.96	276,000.00
2016	3/1/2016			5,692.48	-	5,692.48	-	276,000.00
	9/1/2016	4,000.00	4.125	5,692.48	-	9,692.48	15,384.96	272,000.00
2017	3/1/2017			5,609.98	-	5,609.98	-	272,000.00
	9/1/2017	4,000.00	4.125	5,609.98	-	9,609.98	15,219.96	268,000.00
2018	3/1/2018			5,527.48	-	5,527.48	-	268,000.00
	9/1/2018	4,000.00	4.125	5,527.48	-	9,527.48	15,054.96	264,000.00
2019	3/1/2019			5,444.98	-	5,444.98	-	264,000.00
	9/1/2019	5,000.00	4.125	5,444.98	-	10,444.98	15,889.96	259,000.00
2020	3/1/2020			5,341.86	-	5,341.86	-	259,000.00
	9/1/2020	5,000.00	4.125	5,341.86	-	10,341.86	15,683.72	254,000.00
2021	3/1/2021			5,238.74	-	5,238.74	-	254,000.00
	9/1/2021	5,000.00	4.125	5,238.74	-	10,238.74	15,477.48	249,000.00
2022	3/1/2022			5,135.62	-	5,135.62	-	249,000.00
	9/1/2022	5,000.00	4.125	5,135.62	-	10,135.62	15,271.24	244,000.00
2023	3/1/2023			5,032.50	-	5,032.50	-	244,000.00
	9/1/2023	5,000.00	4.125	5,032.50	-	10,032.50	15,065.00	239,000.00
2024	3/1/2024			4,929.38	-	4,929.38	-	239,000.00
	9/1/2024	6,000.00	4.125	4,929.38	-	10,929.38	15,858.76	233,000.00
2025	3/1/2025			4,805.63	-	4,805.63	-	233,000.00
	9/1/2025	6,000.00	4.125	4,805.63	-	10,805.63	15,611.26	227,000.00
2026	3/1/2026			4,681.88	-	4,681.88	-	227,000.00
	9/1/2026	6,000.00	4.125	4,681.88	-	10,681.88	15,363.76	221,000.00
2027	3/1/2027			4,558.13	-	4,558.13	-	221,000.00
	9/1/2027	6,000.00	4.125	4,558.13	-	10,558.13	15,116.26	215,000.00
2028	3/1/2028			4,434.38	-	4,434.38	-	215,000.00
	9/1/2028	7,000.00	4.125	4,434.38	-	11,434.38	15,868.76	208,000.00
2029	3/1/2029			4,290.00	-	4,290.00	-	208,000.00
	9/1/2029	7,000.00	4.125	4,290.00	-	11,290.00	15,580.00	201,000.00
2030	3/1/2030			4,145.62	-	4,145.62	-	201,000.00
	9/1/2030	7,000.00	4.125	4,145.62	-	11,145.62	15,291.24	194,000.00
2031	3/1/2031			4,001.24	-	4,001.24	-	194,000.00
	9/1/2031	7,000.00	4.125	4,001.24	-	11,001.24	15,002.48	187,000.00
2032	3/1/2032			3,856.86	-	3,856.86	-	187,000.00
	9/1/2032	8,000.00	4.125	3,856.86	-	11,856.86	15,713.72	179,000.00
2033	3/1/2033			3,691.86	-	3,691.86	-	179,000.00
	9/1/2033	8,000.00	4.125	3,691.86	-	11,691.86	15,383.72	171,000.00

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Village of Newberry
2009 Water Supply System Revenue Bond
Debt Service Schedule
\$ 300,000.00

Dated: 03/20/2009
Delivered: 03/20/2009
No Calls

Calendar Year	Coupon Date	Principal Payment	Coupon Rate	Interest Payment	Credit Enhancements	Periodic Debt Service	Fiscal Debt Service	Outstanding Debt
2034	3/1/2034			3,526.86	-	3,526.86	-	171,000.00
	9/1/2034	8,000.00	4.125	3,526.86	-	11,526.86	15,053.72	163,000.00
2035	3/1/2035			3,361.86	-	3,361.86	-	163,000.00
	9/1/2035	9,000.00	4.125	3,361.86	-	12,361.86	15,723.72	154,000.00
2036	3/1/2036			3,176.24	-	3,176.24	-	154,000.00
	9/1/2036	9,000.00	4.125	3,176.24	-	12,176.24	15,352.48	145,000.00
2037	3/1/2037			2,990.62	-	2,990.62	-	145,000.00
	9/1/2037	9,000.00	4.125	2,990.62	-	11,990.62	14,981.24	136,000.00
2038	3/1/2038			2,805.00	-	2,805.00	-	136,000.00
	9/1/2038	10,000.00	4.125	2,805.00	-	12,805.00	15,610.00	126,000.00
2039	3/1/2039			2,598.75	-	2,598.75	-	126,000.00
	9/1/2039	10,000.00	4.125	2,598.75	-	12,598.75	15,197.50	116,000.00
2040	3/1/2040			2,392.50	-	2,392.50	-	116,000.00
	9/1/2040	11,000.00	4.125	2,392.50	-	13,392.50	15,785.00	105,000.00
2041	3/1/2041			2,165.62	-	2,165.62	-	105,000.00
	9/1/2041	11,000.00	4.125	2,165.62	-	13,165.62	15,331.24	94,000.00
2042	3/1/2042			1,938.74	-	1,938.74	-	94,000.00
	9/1/2042	12,000.00	4.125	1,938.74	-	13,938.74	15,877.48	82,000.00
2043	3/1/2043			1,691.24	-	1,691.24	-	82,000.00
	9/1/2043	12,000.00	4.125	1,691.24	-	13,691.24	15,382.48	70,000.00
2044	3/1/2044			1,443.74	-	1,443.74	-	70,000.00
	9/1/2044	13,000.00	4.125	1,443.74	-	14,443.74	15,887.48	57,000.00
2045	3/1/2045			1,175.62	-	1,175.62	-	57,000.00
	9/1/2045	13,000.00	4.125	1,175.62	-	14,175.62	15,351.24	44,000.00
2046	3/1/2046			907.50	-	907.50	-	44,000.00
	9/1/2046	14,000.00	4.125	907.50	-	14,907.50	15,815.00	30,000.00
2047	3/1/2047			618.75	-	618.75	-	30,000.00
	9/1/2047	14,000.00	4.125	618.75	-	14,618.75	15,237.50	16,000.00
2048	3/1/2048			330.00	-	330.00	-	16,000.00
	9/1/2048	16,000.00	4.125	330.00	-	16,330.00	16,660.00	
		300,000.00		312,145.02		612,145.02		
<i>True Interest Cost (TIC)</i>				4.1251259	<i>Arbitrage Yield Limit (AYL)</i>			4.1251335
<i>Net Interest Cost (NIC)</i>				4.1249920	<i>Arbitrage Net Interest Cost (ANIC)</i>			4.1250000
<i>Accrued Interest</i>				0.00				

Dated: 11/21/2014
 Delivered: 11/21/2014

Yearly Debt Service
 Village of Newberry
 2014 Water Supply System Revenue Bond

1
 No Calls

Calendar Year	November 1 Principal	Coupon Rate	May 1 Interest	November 1 Interest	Yearly Debt Service	Outstanding Debt	Cusip #
2015	101,000.00	2.125	59,150.58	66,544.41	226,694.99	6,162,000.00	
2016	103,000.00	2.125	65,471.29	65,471.29	233,942.58	6,059,000.00	
2017	105,000.00	2.125	64,376.91	64,376.91	233,753.82	5,954,000.00	
2018	107,000.00	2.125	63,261.29	63,261.29	233,522.58	5,847,000.00	
2019	110,000.00	2.125	62,124.41	62,124.41	234,248.82	5,737,000.00	
2020	112,000.00	2.125	60,955.66	60,955.66	233,911.32	5,625,000.00	
2021	114,000.00	2.125	59,765.66	59,765.66	233,531.32	5,511,000.00	
2022	117,000.00	2.125	58,554.41	58,554.41	234,108.82	5,394,000.00	
2023	119,000.00	2.125	57,311.29	57,311.29	233,622.58	5,275,000.00	
2024	122,000.00	2.125	56,046.91	56,046.91	234,093.82	5,153,000.00	
2025	124,000.00	2.125	54,750.66	54,750.66	233,501.32	5,029,000.00	
2026	127,000.00	2.125	53,433.16	53,433.16	233,866.32	4,902,000.00	
2027	130,000.00	2.125	52,083.78	52,083.78	234,167.56	4,772,000.00	
2028	133,000.00	2.125	50,702.53	50,702.53	234,405.06	4,639,000.00	
2029	135,000.00	2.125	49,289.41	49,289.41	233,578.82	4,504,000.00	
2030	138,000.00	2.125	47,855.03	47,855.03	233,710.06	4,366,000.00	
2031	141,000.00	2.125	46,388.78	46,388.78	233,777.56	4,225,000.00	
2032	144,000.00	2.125	44,890.66	44,890.66	233,781.32	4,081,000.00	
2033	147,000.00	2.125	43,360.66	43,360.66	233,721.32	3,934,000.00	
2034	150,000.00	2.125	41,798.78	41,798.78	233,597.56	3,784,000.00	
2035	154,000.00	2.125	40,205.03	40,205.03	234,410.06	3,630,000.00	
2036	157,000.00	2.125	38,568.78	38,568.78	234,137.56	3,473,000.00	
2037	160,000.00	2.125	36,900.65	36,900.65	233,801.30	3,313,000.00	
2038	164,000.00	2.125	35,200.65	35,200.65	234,401.30	3,149,000.00	
2039	167,000.00	2.125	33,458.15	33,458.15	233,916.30	2,982,000.00	
2040	171,000.00	2.125	31,683.77	31,683.77	234,367.54	2,811,000.00	
2041	174,000.00	2.125	29,866.89	29,866.89	233,733.78	2,637,000.00	
2042	178,000.00	2.125	28,018.14	28,018.14	234,036.28	2,459,000.00	
2043	182,000.00	2.125	26,126.89	26,126.89	234,253.78	2,277,000.00	
2044	186,000.00	2.125	24,193.14	24,193.14	234,386.28	2,091,000.00	
2045	190,000.00	2.125	22,216.89	22,216.89	234,433.78	1,901,000.00	
2046	194,000.00	2.125	20,198.14	20,198.14	234,396.28	1,707,000.00	
2047	198,000.00	2.125	18,136.89	18,136.89	234,273.78	1,509,000.00	
2048	202,000.00	2.125	16,033.14	16,033.14	234,066.28	1,307,000.00	
2049	206,000.00	2.125	13,886.89	13,886.89	233,773.78	1,101,000.00	
2050	211,000.00	2.125	11,698.14	11,698.14	234,396.28	890,000.00	
2051	215,000.00	2.125	9,456.26	9,456.26	233,912.52	675,000.00	
2052	220,000.00	2.125	7,171.88	7,171.88	234,343.76	455,000.00	
2053	224,000.00	2.125	4,834.38	4,834.38	233,668.76	231,000.00	
2054	231,000.00	2.125	2,454.38	2,454.38	235,908.76	-	
	6,263,000.00		1,541,880.94	1,549,274.77	9,354,155.71		

True Interest Cost (TIC)	2.1250330	Arbitrage Yield Limit (AYL)	2.1250316
Net Interest Cost (NIC)	2.1250014	Arbitrage Net Interest Cost (ANIC)	2.1250000

Village of Newberry
2014 Water Supply System Revenue Bond
Debt Service Schedule
\$ 6,263,000.00

Dated: 11/21/2014
Delivered: 11/21/2014
No Calls

Calendar Year	Coupon Date	Principal Payment	Coupon Rate	Interest Payment	Credit Enhancements	Periodic Debt Service	Fiscal Debt Service	Outstanding Debt
2015	5/1/2015			59,150.58	-	59,150.58	-	6,263,000.00
	11/1/2015	101,000.00	2.125	66,544.41	-	167,544.41	226,694.99	6,162,000.00
2016	5/1/2016			65,471.29	-	65,471.29	-	6,162,000.00
	11/1/2016	103,000.00	2.125	65,471.29	-	168,471.29	233,942.58	6,059,000.00
2017	5/1/2017			64,376.91	-	64,376.91	-	6,059,000.00
	11/1/2017	105,000.00	2.125	64,376.91	-	169,376.91	233,753.82	5,954,000.00
2018	5/1/2018			63,261.29	-	63,261.29	-	5,954,000.00
	11/1/2018	107,000.00	2.125	63,261.29	-	170,261.29	233,522.58	5,847,000.00
2019	5/1/2019			62,124.41	-	62,124.41	-	5,847,000.00
	11/1/2019	110,000.00	2.125	62,124.41	-	172,124.41	234,248.82	5,737,000.00
2020	5/1/2020			60,955.66	-	60,955.66	-	5,737,000.00
	11/1/2020	112,000.00	2.125	60,955.66	-	172,955.66	233,911.32	5,625,000.00
2021	5/1/2021			59,765.66	-	59,765.66	-	5,625,000.00
	11/1/2021	114,000.00	2.125	59,765.66	-	173,765.66	233,531.32	5,511,000.00
2022	5/1/2022			58,554.41	-	58,554.41	-	5,511,000.00
	11/1/2022	117,000.00	2.125	58,554.41	-	175,554.41	234,108.82	5,394,000.00
2023	5/1/2023			57,311.29	-	57,311.29	-	5,394,000.00
	11/1/2023	119,000.00	2.125	57,311.29	-	176,311.29	233,622.58	5,275,000.00
2024	5/1/2024			56,046.91	-	56,046.91	-	5,275,000.00
	11/1/2024	122,000.00	2.125	56,046.91	-	178,046.91	234,093.82	5,153,000.00
2025	5/1/2025			54,750.66	-	54,750.66	-	5,153,000.00
	11/1/2025	124,000.00	2.125	54,750.66	-	178,750.66	233,501.32	5,029,000.00
2026	5/1/2026			53,433.16	-	53,433.16	-	5,029,000.00
	11/1/2026	127,000.00	2.125	53,433.16	-	180,433.16	233,866.32	4,902,000.00
2027	5/1/2027			52,083.78	-	52,083.78	-	4,902,000.00
	11/1/2027	130,000.00	2.125	52,083.78	-	182,083.78	234,167.56	4,772,000.00
2028	5/1/2028			50,702.53	-	50,702.53	-	4,772,000.00
	11/1/2028	133,000.00	2.125	50,702.53	-	183,702.53	234,405.06	4,639,000.00
2029	5/1/2029			49,289.41	-	49,289.41	-	4,639,000.00
	11/1/2029	135,000.00	2.125	49,289.41	-	184,289.41	233,578.82	4,504,000.00
2030	5/1/2030			47,855.03	-	47,855.03	-	4,504,000.00
	11/1/2030	138,000.00	2.125	47,855.03	-	185,855.03	233,710.06	4,366,000.00
2031	5/1/2031			46,388.78	-	46,388.78	-	4,366,000.00
	11/1/2031	141,000.00	2.125	46,388.78	-	187,388.78	233,777.56	4,225,000.00
2032	5/1/2032			44,890.66	-	44,890.66	-	4,225,000.00
	11/1/2032	144,000.00	2.125	44,890.66	-	188,890.66	233,781.32	4,081,000.00
2033	5/1/2033			43,360.66	-	43,360.66	-	4,081,000.00
	11/1/2033	147,000.00	2.125	43,360.66	-	190,360.66	233,721.32	3,934,000.00
2034	5/1/2034			41,798.78	-	41,798.78	-	3,934,000.00
	11/1/2034	150,000.00	2.125	41,798.78	-	191,798.78	233,597.56	3,784,000.00
2035	5/1/2035			40,205.03	-	40,205.03	-	3,784,000.00
	11/1/2035	154,000.00	2.125	40,205.03	-	194,205.03	234,410.06	3,630,000.00
2036	5/1/2036			38,568.78	-	38,568.78	-	3,630,000.00
	11/1/2036	157,000.00	2.125	38,568.78	-	195,568.78	234,137.56	3,473,000.00
2037	5/1/2037			36,900.65	-	36,900.65	-	3,473,000.00
	11/1/2037	160,000.00	2.125	36,900.65	-	196,900.65	233,801.30	3,313,000.00
2038	5/1/2038			35,200.65	-	35,200.65	-	3,313,000.00
	11/1/2038	164,000.00	2.125	35,200.65	-	199,200.65	234,401.30	3,149,000.00
2039	5/1/2039			33,458.15	-	33,458.15	-	3,149,000.00

Village of Newberry
2014 Water Supply System Revenue Bond

Dated: 11/21/2014
Delivered: 11/21/2014
No Calls

Debt Service Schedule

\$ 6,263,000.00

Calendar Year	Coupon Date	Principal Payment	Coupon Rate	Interest Payment	Credit Enhancements	Periodic Debt Service	Fiscal Debt Service	Outstanding Debt
	11/1/2039	167,000.00	2.125	33,458.15	-	200,458.15	233,916.30	2,982,000.00
2040	5/1/2040			31,683.77	-	31,683.77	-	2,982,000.00
	11/1/2040	171,000.00	2.125	31,683.77	-	202,683.77	234,367.54	2,811,000.00
2041	5/1/2041			29,866.89	-	29,866.89	-	2,811,000.00
	11/1/2041	174,000.00	2.125	29,866.89	-	203,866.89	233,733.78	2,637,000.00
2042	5/1/2042			28,018.14	-	28,018.14	-	2,637,000.00
	11/1/2042	178,000.00	2.125	28,018.14	-	206,018.14	234,036.28	2,459,000.00
2043	5/1/2043			26,126.89	-	26,126.89	-	2,459,000.00
	11/1/2043	182,000.00	2.125	26,126.89	-	208,126.89	234,253.78	2,277,000.00
2044	5/1/2044			24,193.14	-	24,193.14	-	2,277,000.00
	11/1/2044	186,000.00	2.125	24,193.14	-	210,193.14	234,386.28	2,091,000.00
2045	5/1/2045			22,216.89	-	22,216.89	-	2,091,000.00
	11/1/2045	190,000.00	2.125	22,216.89	-	212,216.89	234,433.78	1,901,000.00
2046	5/1/2046			20,198.14	-	20,198.14	-	1,901,000.00
	11/1/2046	194,000.00	2.125	20,198.14	-	214,198.14	234,396.28	1,707,000.00
2047	5/1/2047			18,136.89	-	18,136.89	-	1,707,000.00
	11/1/2047	198,000.00	2.125	18,136.89	-	216,136.89	234,273.78	1,509,000.00
2048	5/1/2048			16,033.14	-	16,033.14	-	1,509,000.00
	11/1/2048	202,000.00	2.125	16,033.14	-	218,033.14	234,066.28	1,307,000.00
2049	5/1/2049			13,886.89	-	13,886.89	-	1,307,000.00
	11/1/2049	206,000.00	2.125	13,886.89	-	219,886.89	233,773.78	1,101,000.00
2050	5/1/2050			11,698.14	-	11,698.14	-	1,101,000.00
	11/1/2050	211,000.00	2.125	11,698.14	-	222,698.14	234,396.28	890,000.00
2051	5/1/2051			9,456.26	-	9,456.26	-	890,000.00
	11/1/2051	215,000.00	2.125	9,456.26	-	224,456.26	233,912.52	675,000.00
2052	5/1/2052			7,171.88	-	7,171.88	-	675,000.00
	11/1/2052	220,000.00	2.125	7,171.88	-	227,171.88	234,343.76	455,000.00
2053	5/1/2053			4,834.38	-	4,834.38	-	455,000.00
	11/1/2053	224,000.00	2.125	4,834.38	-	228,834.38	233,668.76	231,000.00
2054	5/1/2054			2,454.38	-	2,454.38	-	231,000.00
	11/1/2054	231,000.00	2.125	2,454.38	-	233,454.38	235,908.76	
		6,263,000.00		3,091,155.71		9,354,155.71		
True Interest Cost (TIC)				2.1250330	Arbitrage Yield Limit (AYL)			2.1250316
Net Interest Cost (NIC)				2.1250014	Arbitrage Net Interest Cost (ANIC)			2.1250000
Accrued Interest				0.00				

2002 Electric Bond

VILLAGE OF NEWBERRY
Capital Improvement Bonds, Series 2002
\$885,000

DEBT SERVICE SCHEDULE

DELIVERY DATE: 8/29/ 2

DATE	PRINCIPAL	COUPON	INTEREST	PERIOD TOTAL	FISCAL TOTAL
5/ 1/ 3			11,065.00	11,065.00	
11/ 1/ 3	25,000.00	4.350000	20,710.00	45,710.00	76,775.00
5/ 1/ 4			20,166.25	20,166.25	
11/ 1/ 4	30,000.00	4.350000	20,166.25	50,166.25	70,332.50
5/ 1/ 5			19,513.75	19,513.75	
11/ 1/ 5	30,000.00	4.350000	19,513.75	49,513.75	69,027.50
5/ 1/ 6			18,861.25	18,861.25	
11/ 1/ 6	30,000.00	4.350000	18,861.25	48,861.25	67,722.50
5/ 1/ 7			18,208.75	18,208.75	
11/ 1/ 7	35,000.00	4.350000	18,208.75	53,208.75	71,417.50
5/ 1/ 8			17,447.50	17,447.50	
11/ 1/ 8	35,000.00	4.350000	17,447.50	52,447.50	69,895.00
5/ 1/ 9			16,686.25	16,686.25	
11/ 1/ 9	35,000.00	4.350000	16,686.25	51,686.25	68,372.50
5/ 1/10			15,925.00	15,925.00	
11/ 1/10	40,000.00	4.350000	15,925.00	55,925.00	71,850.00
5/ 1/11			15,055.00	15,055.00	
11/ 1/11	40,000.00	4.350000	15,055.00	55,055.00	70,110.00
5/ 1/12			14,185.00	14,185.00	
11/ 1/12	40,000.00	4.350000	14,185.00	54,185.00	68,370.00
5/ 1/13			13,315.00	13,315.00	
11/ 1/13	45,000.00	4.400000	13,315.00	58,315.00	71,630.00
5/ 1/14			12,325.00	12,325.00	
11/ 1/14	45,000.00	4.500000	12,325.00	57,325.00	69,650.00
5/ 1/15			11,312.50	11,312.50	
11/ 1/15	50,000.00	4.600000	11,312.50	61,312.50	72,625.00
5/ 1/16			10,162.50	10,162.50	
11/ 1/16	50,000.00	4.750000	10,162.50	60,162.50	70,325.00
5/ 1/17			8,975.00	8,975.00	
11/ 1/17	50,000.00	4.900000	8,975.00	58,975.00	67,950.00
5/ 1/18			7,750.00	7,750.00	
11/ 1/18	55,000.00	5.000000	7,750.00	62,750.00	70,500.00
5/ 1/19			6,375.00	6,375.00	
11/ 1/19	60,000.00	5.100000	6,375.00	66,375.00	72,750.00
5/ 1/20			4,845.00	4,845.00	
11/ 1/20	60,000.00	5.100000	4,845.00	64,845.00	69,690.00
5/ 1/21			3,315.00	3,315.00	
11/ 1/21	65,000.00	5.100000	3,315.00	68,315.00	71,630.00
5/ 1/22			1,657.50	1,657.50	
11/ 1/22	65,000.00	5.100000	1,657.50	66,657.50	68,315.00
ACCRUED	885,000.00		523,937.50	1,408,937.50	
			3,221.56	3,221.56	
	885,000.00		520,715.94	1,405,715.94	

2003 Electric Bond

LOAN REPAYMENT SCHEDULE - EXHIBIT A TO PURCHASE CONTRACT
Interest Rates as of Final Pricing on 09/16/03

MICHIGAN MUNICIPAL BOND AUTHORITY Local Government Loan Program Revenue Bonds Series 2003B

Borrower: Village of Newberry
Revenue Sharing Bonds

Transaction Summary

Dated Date: 9/30/2003
Closing Date: 9/30/2003
Structure: Serial 04-23
Call Feature: 11/1/13 @ 100
Arbitrage Yield: 4.6554%
Maximum Annual Debt Service: \$77,175
Weighted Avg Maturity of 2003B Bonds: 11.962 years

Purchase Price

Par Amount: \$965,000.00
Net Premiums (Discount): (7,751.15)
Gross Proceeds: \$957,248.85
Underwriter's Discount: (7,147.27)
Authority's Cost of Issuance: (9,358.06)
Deposit to Escrow⁽¹⁾: (357,506.25)
Purchase Price*: \$583,351.31

Refunding Results of Series 1991B Bonds

Par amount of Refunded bonds: \$345,000.00
Maturities of Refunded Bonds: 2003-2010
Net PV Savings as % of Refunded Bonds: 14.31892%
Net PV Savings: \$49,055.27

* Including:
Project Fund⁽²⁾: \$580,000.00
Local Cost of Issuance⁽²⁾: \$0.00
Additional Proceeds⁽²⁾: \$3,251.31

Debt Service Schedule

Payment Date	Principal	Comm	Interest	Debt Service	Annual Debt Service
5/1/2004			23,485.47	23,485.47	
11/1/2004	30,000.00	2.000%	20,035.00	50,035.00	73,520.47
5/1/2005			19,735.00	19,735.00	
11/1/2005	35,000.00	2.000%	19,735.00	54,735.00	74,470.00
5/1/2006			19,385.00	19,385.00	
11/1/2006	35,000.00	2.500%	19,385.00	54,385.00	73,770.00
5/1/2007			18,947.50	18,947.50	
11/1/2007	35,000.00	2.500%	18,947.50	53,947.50	72,895.00
5/1/2008			18,510.00	18,510.00	
11/1/2008	40,000.00	3.000%	18,510.00	58,510.00	77,020.00
5/1/2009			17,910.00	17,910.00	
11/1/2009	40,000.00	3.100%	17,910.00	57,910.00	75,820.00
5/1/2010			17,290.00	17,290.00	
11/1/2010	40,000.00	3.500%	17,290.00	57,290.00	74,580.00
5/1/2011			16,590.00	16,590.00	
11/1/2011	40,000.00	3.750%	16,590.00	56,590.00	73,180.00
5/1/2012			15,840.00	15,840.00	
11/1/2012	45,000.00	4.000%	15,840.00	60,840.00	76,640.00
5/1/2013			14,940.00	14,940.00	
11/1/2013	45,000.00	4.100%	14,940.00	59,940.00	74,880.00
5/1/2014			14,017.50	14,017.50	
11/1/2014	45,000.00	4.300%	14,017.50	59,017.50	73,035.00
5/1/2015			13,050.00	13,050.00	
11/1/2015	50,000.00	4.400%	13,050.00	63,050.00	76,100.00
5/1/2016			11,950.00	11,950.00	
11/1/2016	50,000.00	4.500%	11,950.00	61,950.00	73,900.00
5/1/2017			10,825.00	10,825.00	
11/1/2017	55,000.00	4.700%	10,825.00	65,825.00	76,650.00
5/1/2018			9,532.50	9,532.50	
11/1/2018	55,000.00	4.800%	9,532.50	64,532.50	74,065.00
5/1/2019			8,212.50	8,212.50	
11/1/2019	60,000.00	5.000%	8,212.50	68,212.50	76,425.00
5/1/2020			6,712.50	6,712.50	
11/1/2020	60,000.00	5.000%	6,712.50	66,712.50	73,425.00
5/1/2021			5,212.50	5,212.50	
11/1/2021	65,000.00	5.000%	5,212.50	70,212.50	75,425.00
5/1/2022			3,587.50	3,587.50	
11/1/2022	70,000.00	5.125%	3,587.50	73,587.50	77,175.00
5/1/2023			1,793.75	1,793.75	
11/1/2023	70,000.00	5.125%	1,793.75	71,793.75	73,587.50
	965,000.00		\$31,601.97	1,496,602.97	1,496,602.97

(1) Gross funding of the borrow to call \$345,000 Newberry's loan based through MMBIA LGLP Series 1991B on 11/1/2001 at par.
(2) To be used to repayments designated by the Borrower upon closing.