

VILLAGE OF NEWBERRY
VILLAGE COUNCIL MEETING
Tuesday, January 21, 2020
Meeting Location: 302 East McMillan Ave
Meeting Time: 6:00 p.m.

1. CALL TO ORDER

2. PLEDGE OF ALLEGIANCE

3. ROLL CALL

4. APPROVAL OF AGENDA

5. APPROVAL OF MINUTES

1. Village Council – Public Budget Hearing for 2020 and Regular Session – Wednesday, December 18, 2019

6. PUBLIC COMMENTS ON AGENDA ITEMS – Prior to consideration of official business, citizens may speak to a subject on today's agenda. Please stand at the podium provided and limit comments to 3 minutes.

7. VILLAGE PRESIDENT COMMENTS

- a. None prescheduled

8. SUBMISSION OF BILLS AND FINANCIAL UPDATES

1. Village of Newberry – Monthly Bills – December 14, 2019 to January 16, 2020

101	General Fund	\$52,616.00
202	Major Streets Fund	\$0.00
203	Local Street Fund	\$0.00
213	Fire Revolving Fund	\$6,704.69
409	TORC	\$7.35
418	Atlas Park Fund	\$0.0
590	Sewage Receiving Fund	\$37,143.42
Total:		\$96,471.46

2. Water & Light – Monthly Bills – December 7, 2019 to January 10, 2020

582	Electric Fund	\$138,836.46
591	Water Fund	\$4,845.53
Total:		\$143,681.99

Save the Bells – as of 12/31/19 \$13,7259

3. Treasurer's Report –December 2019

4. Request for Disbursement of Funds –

- a. Stormwater / Asset Management / Wastewater (SAW) Grant Program

- i. Request # 19 – 12/01/19 to 12/31/19 for \$6,066.56

1. C2AE Invoice #69123 for \$6,066.56

5. Request for Disbursement of Funds – Final payment Union Settlement \$5,000

6. Notification of upcoming expenditure – Perceptive Controls – Computer & Software for SCADA Well Monitoring System
 - a. \$4,750.00 for computer & software
 - b. \$4,800.00 for alarming software with remote notification

9. PETITIONS AND COMMUNICATIONS – Communications addressed to the Village Council are distributed to all members and are acknowledged for information or are referred to a committee or staff for follow-up.

1. Letter of complaint: Jack Olson – received 01/14/2020
2. Letter of resignation: Bruce Lane – received 01/17/2020

10. INTRODUCTION AND ADOPTION OF RESOLUTIONS AND ORDINANCES

1. Resolution: Declaring Trustee Vacancy

11. UNFINISHED BUSINESS

1. Village Treasurer Position – changing from elected to appointed
2. Consent Agenda
3. Public Comment Follow-Up from Previous Meeting

12. NEW BUSINESS

1. Appointing Mediation Team for Pentland Dispute- Possible Closed Session
 - i. Jeff Jocks, Village Attorney will be onsite at this meeting
 - ii. Per Jeff Jocks “I recommend that we have four members to the team. I recommend that you appoint Allison, whoever has most knowledge about the wastewater treatment plant, and two members of the Village Council. Generally, one of the members of the team would be the Village President, but I will leave it up to the Council to determine who should be appointed”
2. Village Clerk Position – changing from elected to appointed
3. Water System Asset Management Program Plan (AMP)
 - i. Water Main Criticality Table (referenced on page 3 of AMP)
4. Bond Amortization Schedules – For reference and review
 - 2005 Water Supply Bond
 - 2009 Water Supply Bond
 - 2014 Water Supply Bond
 - 2002 Electric Bond
 - 2003 Electric Bond
 - 2005 Electric Bond
5. Village Council & Elected Official Contact Sheet & Terms Listing – for reference & review

13. REPORTS OF BOARDS

1. Water & Light Board
 - a. Meeting from Tuesday, January 7, 2020
2. Planning Commission Meeting: Monday, December 23, 2019 – cancelled
 - a. Meeting will be held January 27, 2020

14. REPORTS OF COMMITTEES

No reports scheduled from the following committees: Planning; Union; Parks and Recreation; DPW, Fire, Finance.

1. Ordinance Committee – January 9, 2020
2. 41 Lumber Ad Hoc Committee – January 14, 2020
 - a. RFP set to release January 22, 2020
3. Management Committee- January 15, 2020

15. REPORTS OF VILLAGE OFFICERS & MANAGEMENT – The following may submit reports or information to the Village Council as updates and consideration.

1. Fire Chief
 - a. Request approval of funds to repair ladder truck
2. Ordinance Enforcement Officer
3. Superintendent of WWTP & DPW
 - a. Monthly Report
 - b. Work Orders Report
 - c. DPW Miss Digs
4. Water & Light
 - a. Monthly Report
 - b. Electric Consumption/Billing Report
 - c. Electric Demand Large Power Report
 - d. Billed Electric kWh Report
 - e. Work Orders Report
 - f. W&L Miss Digs
 - g. Water Pumpage Report
5. Interim Village Manager / Director of Human Resources & Community Engagement
 - a. Monthly Report
 - b. Community Development Block Grant Application – update only
 - i. Need for a 6-year capital improvement plan to apply

16. PUBLIC COMMENT – At the conclusion of the official business and public hearings, the agenda provides for public comment on any other matters citizens may wish to bring to the attention of the Village Council. Please limit comments to 3 minutes.

17. ASSIGNMENT OF PUBLIC COMMENT RESPONSE

18. COMMENTS BY COUNCIL MEMBERS

19. ADJOURNMENT - REGULAR SESSION

Newberry Village Council
Public Hearing for 2020 Budget and Regular Meeting Minutes
December 18, 2019
302 East McMillan Ave.
5:30 p.m.

Present: President Stokes, Trustees: Cameron, Freese, Hardenbrook, Hendrickson.

Absent: None.

Also Present: Interim Village Manager/Director of Human Resources & Community Engagement – Watkins, Superintendent of WWTP – Blakely, Clerk – Schummer, Treasurer – Medelis, Ordinance Enforcement Officer – Fossitt, Sterling McGinn, Scott Ouellette, John Bergman, Jack Olson, Rebecca Handa, Bruce Lane, Roberta Huffman.

Call to Order: President Stokes called the meeting to order at 5:30 p.m. at the Village of Newberry Administration Building. The Pledge of Allegiance was recited.

Approval of Agenda: Moved by Hendrickson, support by Freese, **CARRIED**, to approve the agenda with one addition. Add a short recess right before 'Unfinished Business'. Ayes: All.

Public Hearing: Moved by Freese, support by Hendrickson, **CARRIED**, to move to Public Hearing at 5:33 p.m., for the purpose of hearing public comment on the 2020 Budget. Ayes: All.

President Stokes asked for public comment.

Public Comments: The following is a synopsis of comments heard:

Jack Olson: Newberry – Mr. Olson had a question regarding the *Open Government Transparency Accounting Data*, for the Village of Newberry, the column entitled 'Long Term Debt'.

Charles Medelis – Village Treasurer: Made a statement regarding the tax rate the Village levies.

Gary Moulton – Village Accountant: Made statements regarding the 2020 Budget.

President Stokes asked three times for any further comment, none heard.

Close Public Hearing: Moved by Hendrickson, support by Freese, **CARRIED**, to close the Public Hearing at 5:49 p.m. Ayes: All

Recess: Moved by Freese, support by Hendrickson, **CARRIED**, to recess the Village meeting for 11 minutes. Ayes: All.

Moved by Hendrickson, support by Hardenbrook, **CARRIED**, to resume the Village meeting at 6:00 p.m. Ayes: All.

Minutes: Moved by Hendrickson, support by Hardenbrook, **CARRIED**, to approve the minutes from the November 20, 2019 Regular Session as written. Ayes: All.

Public Comments on Agenda Items: None.

Village President's Announcements: President Stokes stated there were five letters of interest for the two Trustee vacancies on the Village Council. Jack Olson and Bruce Lane introduced themselves and gave a brief summary as to why they would like to be on the Council.

Moved by Hendrickson, support by Freese, **FAIL**, to appoint Paula Mamph to fill the Council seat vacated by Lew Hitts, whose term ends November 2020. Ayes: Hendrickson. Nays: Stokes, Cameron, Freese, Hardenbrook.

Moved by Hardenbrook, support by Hendrickson, **CARRIED**, to appoint Jeff Puckett for Lew Hitts seat on the Council, whose term ends November 2020. Ayes: Stokes, Cameron, Freese, Hardenbrook, Hendrickson.

Moved by Hendrickson, support by Hardenbrook, **FAIL**, to appoint Jack Olson to the Village Council to fill the seat of Harold Dishaw, whose term ends Nov. 2020. Ayes: Hendrickson. Nays: Stokes, Cameron, Freese, Hardenbrook.

Moved by Freese, support by Hendrickson, **CARRIED**, to appoint Bruce Lane to fill the vacancy created by the resignation of Harold Dishaw, whose seat must be placed on ballot for Nov. 2020 election – per MCL 62.13. Ayes: Stokes, Cameron, Freese, Hendrickson. Nays: Hardenbrook.

Bruce Lane was administered the Oath of Office by Clerk Schummer.

Village Treasurer: Moved by Hardenbrook, support by Cameron, **CARRIED**, to appoint Nathaniel Moulton for Village Treasurer, position up for re-election November 2020. Mr. Moulton briefly introduced himself. Discussion followed. Ayes: Stokes, Cameron, Freese, Hardenbrook, Hendrickson, Lane.

Nathaniel Moulton was administered the Oath of Office by Clerk Schummer.

Submission of Bills and Financial Updates:

- A.) Village of Newberry – Monthly Bills. Moved by Freese, support by Hardenbrook, **CARRIED**, to approve payment of the November 16 – December 13, 2019 bills, in the amount of \$60,253.35. Roll Call Vote: Ayes: Stokes, Cameron, Freese, Hardenbrook, Hendrickson, Lane.
- B.) Water & Light monthly bills for November 9, 2019 – December 6, 2019: Moved by Freese, support by Hendrickson, **CARRIED**, to accept the recommendation of the W&L Board to pay the Electric and Water Funds in the total amount of \$184,046.01. Roll Call Vote: Ayes: Stokes, Cameron, Freese, Hardenbrook, Hendrickson, Lane.
- C.) Christmas Lights Fund – as of 11/30/19 - \$13,277.79
- D.) Treasurer's Report – November 2019 – Medelis gave a verbal report. Council accepted the report as presented.
- E.) Request for Disbursement of Funds:
 - a.) Stormwater/Asset Management/Wastewater (SAW) Grant Program, pay when paid: Moved by Hardenbrook, support by Lane, **CARRIED**, to pay Request #18 – 11/01/19 to 11/30/19– C2AE invoice #68990: \$5,694.05. Roll Call Vote - Ayes: Stokes, Cameron, Freese, Hardenbrook, Hendrickson, Lane.
 - b.) State Revolving Fund Request #31 – 11/-1/18 to 11/30/19 - \$53,428.00
 - 1. Crane Engineering Invoice #357557-0 for \$20,715.00
 - 2. Crane Engineering Invoice #357992-00 for \$12,950.00
 - 3. Hawkins Water Treatment Invoice #031119-jsa for \$29,560.00 - \$19,763.00 from SRF (\$9,797.00 remains and must be paid by the Village).Moved by Hendrickson, support by Hardenbrook, **CARRIED**, to pay State Revolving Fund Request #31. Ayes: Stokes, Cameron, Freese, Hardenbrook, Hendrickson, Lane.
- F.) Request for Action on Payment for portion of Young, Graham, & Wendling Invoice:
 - a.) Charges for travel and attendance at September 17, 2019 Meeting. Moved by Hendrickson, support by Hardenbrook, **CARRIED**, to pay Wendling updated invoice for \$658.00. Discussion followed. Ayes: Stokes, Cameron, Freese, Hardenbrook, Hendrickson, Lane.
- G.) Request for Disbursement of Funds – Union Settlement: Moved by Freese, support by Hardenbrook, **CARRIED**, to make the second payment on the Union Settlement for \$5,000.00. Ayes: Cameron, Freese, Hardenbrook, Hendrickson, Lane. Abstain: Stokes.
- H.) Request from Luce County for Recall Fees: Moved by Hardenbrook, support by Freese, **CARRIED**, to pay Luce County recall election fees in the amount of \$500.80. Discussion followed. Ayes: Stokes, Cameron, Freese, Hardenbrook, Hendrickson, Lane.

Petitions and Communications:

- 1.) Request for easement across Village property from Diane Duscsay. Moved by Hendrickson, support by Cameron, **CARRIED**, approve Watkins to work with Diane Duscsay to formalize an easement draft. Ayes: All.
- 2.) Customer complaint form: Dale Betcher. Moved by Lane, support by Hardenbrook, **CARRIED**, to open up discussion on the complaint. Ayes: All. Council Action: Moved by Hendrickson, support by Hardenbrook, **CARRIED**, to authorize Watkins to work with Mr. Betcher and Superintendent Blakely to resolve Mr. Betcher's issue. Ayes: Stokes, Cameron, Freese, Hardenbrook, Hendrickson, Lane.
- 3.) Five Letters of interest to serve on the Village Council, received from: Jack Olson, Paula Mamph, Michael Schnorr, Jeffrey Puckett, Bruce Lane.

Introduction and Adoption of Ordinances and Resolutions:

- 1.) Resolution: 2020 Operation Budget Adoption: Acted on in New Business.
- 2.) Resolution: Resolution for Designation of Street Administrator. Moved by Hardenbrook, support by Cameron, **CARRIED**, to adopt the Resolution for designation of George Blakely as the Street Administrator. Ayes: All.

Recess: Moved by Lane support by Freese, **CARRIED**, to take a 10-minute recess at 7:06 p.m. Ayes: Stokes, Cameron, Freese, Hardenbrook, Lane. Nays: Hendrickson.
Moved by Hardenbrook, support by Freese, **CARRIED**, to go back into session at 7:16 p.m. Ayes: All.

Unfinished Business:

- 1.) Village Treasurer Position – changing from Elected to Appointed: Ordinance committee is working on this matter.
- 2.) Plott Construction: Request for disbursement of funds. Mr. Duffield addressed the Council regarding his invoice. Moved by Hendrickson, support by Hardenbrook, **CARRIED**, to approve payment of \$40,070.00 to Plott Construction, contingent upon receipt of the insurance money. Ayes: Stokes, Cameron, Freese, Hardenbrook, Hendrickson, Lane.
- 3.) Public Comment Follow-up from Previous Meeting: None needed.

New Business:

- 1.) Consent Agenda: Information given.
- 2.) Appointment of Newberry Village Representative: Moved by Freese, support by Hardenbrook, **CARRIED**, to designate Interim Village Manager Watkins, to continue as the representative for the Village of Newberry, on the EUP Planning Commission's Governing Board. Ayes: All.
- 3.) 2019 Budget Amendments: Moved by Hendrickson, support by Hardenbrook, **CARRIED**, to approve the 2019 Budget Amendments as presented. Discussion followed. Ayes: Stokes, Cameron, Freese, Hardenbrook, Hendrickson, Lane.
- 4.) Presentation of 2020 Proposed Operating Budget: Reviewed.
- 5.) Deliberation on Public Comment During Public Hearing: Discussion held.
- 6.) Budget Adoption:
 - a. 2020 Budget Resolution: Moved by Hendrickson, support by Hardenbrook, **CARRIED**, to adopt the 2020 proposed Operating Budget Adoption Resolution. Ayes: Stokes, Cameron, Freese, Hardenbrook, Hendrickson, Lane.

Reports of Boards:

- 1.) Water & Light Board Meeting - Dec. 10, 2019: Report by Freese.
- 2.) Planning Commission Meeting: Did not meet.

Committee Reports:

- 1.) Finance Committee: The minutes will be in the next Village packet. Stokes gave report.
- 2.) Ordinance Committee: Dec. 3, 2019 meeting minutes presented. Hendrickson gave a verbal report.
- 3.) Management Committee: Dec. 11, 2019 meeting minutes presented. Stokes gave the report. Next meeting is Jan. 15, 2020.

Reports of Village Officers & Management:

- A.) Fire Chief: None
- B.) Ordinance Enforcement Officer: Fossitt gave a verbal report.
- C.) Superintendent of Wastewater Treatment Plant & DPW: Blakely gave verbal as well as written reports.
- D.) Water & Light: Charts presented. Watkins gave a verbal report.
- E.) Interim Village Manager/Director of Human Resources & Community Engagement: Watkins gave a verbal and submitted a written report. Discussion included the proposed Verizon contract and the audit and grant applications.
 - a. FOIA Report: 2 new requests in November.

Public Comment: Roberta Huffman of the Newberry Area Chamber of Commerce requested a 7-minute comment period regarding Hometown Hero Banners: Moved by Freese, support by Hardenbrook, **CARRIED**, to have Administration work with Ms. Huffman to determine what the cost to the Village would be for the Banner project. Discussion followed. Ayes: All. Comment also heard from: Scott Ouellette and Rebecca Handa.

Comments by Council Members: Comment heard from: Cameron and Stokes.

Adjourn Meeting: Moved by Hardenbrook, support by Freese, **CARRIED**, to adjourn the meeting at 8:30 p.m. Ayes: All.

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

Terese Schummer, Clerk

Lori A. Stokes, Village President

VILLAGE OF NEWBERRY
VILLAGE PAYABLES

December 14, 2019 to January 17, 2020

GL Number	Inv. Line Desc	Vendor	Invoice Desc.	Due Date	Amount	Check #
Fund 101 General Fund						
Dept 172 VILLAGE MANAGER						
101-172-719.000	HOSPITALIZATION	44 NORTH	COBRA RETIREES	12/31/19	5.36	43957
101-172-719.000	HOSPITALIZATION	44 NORTH	COBRA RETIREES	01/30/20	5.36	
101-172-850.000	906-291-1223 MANAGER	VERIZON	ACCOUNT NUMBER 942077532-00003 DES	01/07/20	7.05	43966
			Total For Dept 172 VILLAGE MANAGER		17.77	
Dept 201 ADMINISTRATIVE						
101-201-719.000	HOSPITALIZATION	44 NORTH	COBRA RETIREES	12/31/19	2.41	43957
101-201-752.000	OFFICE SUPPLIES	AMAZON CAPITAL SERVICES	TONERS	02/02/20	78.47	43973
101-201-752.000	OFFICE SUPPLIES	AMAZON CAPITAL SERVICES	CALENDARS	02/02/20	22.99	43973
101-201-752.000	OFFICE SUPPLIES	AMAZON CAPITAL SERVICES	PAPER CLIPS	02/09/20	13.45	43973
101-201-752.000	OFFICE SUPPLIES	AMAZON CAPITAL SERVICES	TOILET PAPER/KLEENEX	02/09/20	38.73	43973
101-201-752.100	OPERATING SUPPLIES	NEWBERRY CHAMBER OF COMMERCE	BUSINESS DUES	01/30/20	40.00	43990
101-201-801.000	PROFESSIONAL & CONTRACTUAL SE	FAIR, ALMA	OFFICE CLEANING	01/30/20	100.00	43983
101-201-804.000	LEASE EXPENSE	US BANK EQUIP FINANCE	COPPER LEASE - 1544229	12/04/19	96.49	43965
101-201-804.000	LEASE EXPENSE	US BANK EQUIP FINANCE	COPPER LEASE - 1544229	02/04/20	105.32	
101-201-850.000	FAX	VERIZON	ACCOUNT NUMBER 942077532-00001 FAX	01/07/20	11.45	43966
101-201-850.000	906-291-0055 HR	VERIZON	ACCOUNT NUMBER 942077532-00002 - CE	01/07/20	10.80	43966
101-201-850.000	906-291-1625 FINANCE	VERIZON	ACCOUNT NUMBER 942077532-00003 DES	01/07/20	30.50	43966
101-201-850.000	JAMADOTS INTERNET	HTC-HIAWATHA TELEPHONE CO	ACCT 00042108-7	01/27/20	23.75	43986
			Total For Dept 201 ADMINISTRATIVE		574.36	
Dept 230 ORDINANCE OFFICER						
101-230-850.000	906-291-0583- ORDINANCE	VERIZON	ACCOUNT NUMBER 942077532-00002 - CE	01/07/20	43.18	43966
101-230-850.000	906-291-1630 ORDINANCE	VERIZON	ACCOUNT NUMBER 942077532-00003 DES	01/07/20	28.18	43966
			Total For Dept 230 ORDINANCE OFFICER		71.36	
Dept 253 TREASURER						
101-253-850.000	906-291-1631 TREASURER	VERIZON	ACCOUNT NUMBER 942077532-00003 DES	01/07/20	28.18	43966
			Total For Dept 253 TREASURER		28.18	
Dept 265 BUILDING & GROUNDS						
101-265-921.000	HEAT	SEMCOENERGY GAS COMPANY	NATURAL GAS 827.500	01/27/20	686.00	43995
101-265-921.000	HEAT	SEMCOENERGY GAS COMPANY	310 E. MCMILLAN NATURAL GAS	01/27/20	24.24	43995
			Total For Dept 265 BUILDING & GROUNDS		710.24	
Dept 301 POLICE DEPARTMENT						
101-301-719.000	POLICE HOSPITALIZATION	44 NORTH	COBRA RETIREES	01/30/20	2.41	
			Total For Dept 301 POLICE DEPARTMENT		2.41	

Dept 441 PUBLIC WORKS					
101-441-718.000	MEDICAL SCREENING - PRE EMPLOY	FIRST ADVANTAGE LNS OCC HEALTH			
101-441-752.100	OPERATING SUPPLIES	FOSTER HARDWARE	HILLMAN FASTENERS	12/30/19	128.52
101-441-801.000	PROFESSIONAL AND CONTRACTUAL	PLOTT CONSTRUCTION INC.	PLOTT CONSTRUCTION ASSIST PEARSON LAB	01/10/20	37.99
101-441-801.000	PROFESSIONAL AND CONTRACTUAL	HELEN NEWBERRY JOY HOSPITAL		12/30/19	40,070.00
101-441-850.000	906-291-0136 MECHANIC	VERIZON		01/30/20	40.00
101-441-850.000	906-291-1633 DPV	VERIZON	ACCOUNT NUMBER 942077532-00002 - CE	01/07/20	107.95
101-441-850.000	TELEPHONE	ATT U.VERSE	ACCOUNT NUMBER 942077532-00003 DES	01/07/20	40.71
			UVERSE DPW	01/24/20	41.10
			Total For Dept 441 PUBLIC WORKS		40,466.27
Dept 524 MOTOR POOL					
101-524-753.000	TOOLS & EQUIP(UNDER CAP. THRE)	DANNY'S AUTO VALUE INC	METRIC TAP	02/10/20	4.34
101-524-753.000	TOOLS & EQUIP(UNDER CAP. THRE)	DANNY'S AUTO VALUE INC	3/4F-1/2M ADT.	02/10/20	10.03
101-524-759.000	GAS OIL & GREASE	DANNY'S AUTO VALUE INC	HYD OIL	01/10/20	43981
101-524-759.000	GAS OIL & GREASE - PUBLIC WORKS	WEX BANK - SPEEDWAY UNIVERSAL	GAS/FUEL	01/22/20	43955
101-524-759.000	GAS OIL & GREASE	DANNY'S AUTO VALUE INC	1 GALLON DEXRON/MERCON	02/10/20	3,805.47
101-524-801.000	PROF & CONTRACTUAL SERVICES	NEALS AUTOMOTIVE PARTS INC	REPAIR GLAND AND SEAL	01/10/20	44000
101-524-801.000	PROF & CONTRACTUAL SERVICES	NEALS AUTOMOTIVE PARTS INC	CREDIT - REPAIR GLAND AND SEAL	01/10/20	12.99
101-524-932.000	VEHICLE REPAIRS & MAINTENANCE	LYNN AUTO PARTS INC.	PREM START	01/10/20	43991
101-524-932.000	VEHICLE REPAIRS & MAINTENANCE	NEALS AUTOMOTIVE PARTS INC	HYD HOSE	01/10/20	(120.00)
101-524-932.000	VEHICLE REPAIRS & MAINTENANCE	NEALS AUTOMOTIVE PARTS INC	HOSE/CRIMPER/ADAPTERS	01/10/20	1.99
101-524-932.000	VEHICLE REPAIRS & MAINTENANCE	NEALS AUTOMOTIVE PARTS INC	STARTER	01/10/20	25.19
101-524-932.000	VEHICLE REPAIRS & MAINTENANCE	NEALS AUTOMOTIVE PARTS INC	ADAPTERS	01/10/19	43963
101-524-932.000	VEHICLE REPAIRS & MAINTENANCE	TAHQUMENON AREA CREDIT UNION	JONES FARM SUPPLY BOBCAT MOTOR	12/18/19	370.00
101-524-932.000	VEHICLE REPAIRS & MAINTENANCE	DANNY'S AUTO VALUE INC	LEAD FREE TP/ST	01/10/20	8.60
101-524-932.000	VEHICLE REPAIRS & MAINTENANCE	MIDWAY RENTALS & SALES	BOBCAT PARTS- LINKAGE ASSY WIPER	01/19/20	133.79
101-524-932.000	VEHICLE REPAIRS & MAINTENANCE	NEALS AUTOMOTIVE PARTS INC	ADAPTER/AIR BRAKE ANTI-FREEZE	01/10/20	43955
101-524-932.000	VEHICLE REPAIRS & MAINTENANCE	NEALS AUTOMOTIVE PARTS INC	GLAND PISTON	01/10/20	43961
101-524-932.000	VEHICLE REPAIRS & MAINTENANCE	D & D HOME CENTER	PLEXI	02/10/20	19.82
101-524-932.000	VEHICLE REPAIRS & MAINTENANCE	DANNY'S AUTO VALUE INC	31 SERIES-POST	02/10/20	19.63
101-524-932.000	VEHICLE REPAIRS & MAINTENANCE	DANNY'S AUTO VALUE INC	WINTER WIPER BLADES	02/10/20	43981
101-524-932.000	VEHICLE REPAIRS & MAINTENANCE	DANNY'S AUTO VALUE INC	RETURN OF CONNECTORS	02/10/20	13.98
101-524-932.000	VEHICLE REPAIRS & MAINTENANCE	FOSTER HARDWARE	14 GA 2-WIRE/CONNECTOR	02/10/20	(15.68)
101-524-932.000	VEHICLE REPAIRS & MAINTENANCE	LYNN AUTO PARTS INC.	HILLMAN FASTENER	02/10/20	43981
101-524-932.000	VEHICLE REPAIRS & MAINTENANCE	NEALS AUTOMOTIVE PARTS INC	BATTERY	02/10/20	36.48
101-524-932.000	VEHICLE REPAIRS & MAINTENANCE	NEALS AUTOMOTIVE PARTS INC	PTMAN ARM/ STEERING GEAR	02/10/20	3.71
101-524-932.000	VEHICLE REPAIRS & MAINTENANCE	UP INTERNATIONAL TRUCKS	ARM S/W WIPER	02/10/20	43984
101-524-932.000	VEHICLE REPAIRS & MAINTENANCE	UP INTERNATIONAL TRUCKS	SEAL	02/10/20	7.98
101-524-932.000	VEHICLE REPAIRS & MAINTENANCE	MILLER-BRADFORD & RISBERG, INC	CASE LOADER FITTING/SWITCH/ VALVE	01/26/20	273.90
101-524-932.000	VEHICLE REPAIRS & MAINTENANCE	GREAT LAKES TRUCK SERVICE	COOLANT LEAK REPAIR/REAR PARKING	01/31/20	845.00
			Total For Dept 524 MOTOR POOL		43991
					854.00
					61.96
					43998
					(48.14)
					43998
					544.63
					44011
					1,221.28
					8,044.04

Dept 525 STORM SEWER									
101-525-801.000	PROFESSIONAL & CONTRACTUAL	RANGE TELECOMMUNICATIONS	MISSDIGS		01/02/20	1.52	43994		
			Total For Dept 525 STORM SEWER			1.52			
Dept 528 RUBBISH									
101-528-759.000	GAS OIL & GREASE - GARBAGE	WEX BANK - SPEEDWAY UNIVERSAL	GAS/FUEL		01/22/20	183.89	44000		
101-528-801.100	PROF & CONTR SERVICES-RESIDENT	WASTE MANAGEMENT	RUBBISH DISPOSAL		01/31/20	2,308.52	43999		
101-528-851.000	POSTAGE	ARISTA INFORMATION SYSTEMS INC	UB POSTAGE		12/31/19	90.91	43952		
101-528-900.000	PUBLISHING & PRINTING	ARISTA INFORMATION SYSTEMS INC	UB BILLG		12/31/19	116.53	43952		
			Total For Dept 528 RUBBISH			2,699.85			
			Total For Fund 101 General Fund			52,616.00			
Fund 213 Fire Revolving Fund									
Dept 336 FIRE									
213-336-752.200	FIRE SUPPLIES	POMASL FIRE EQUIPMENT	PISTOL GRIP ADAPTER KIT		01/17/20	29.00	43992		
213-336-752.200	FIRE SUPPLIES	ALADDIN FIRE PROTECTION LLC	30MIN LOW PRESSURE CYLINDER TO FIT		12/01/19	3,824.00	43972		
213-336-752.200	FIRE SUPPLIES	ALADDIN FIRE PROTECTION LLC	SHIPPING CHARGERS FROM MANUFACT		12/26/19	146.60	43972		
213-336-753.000	TOOLS & EQUIP UND CAP THRESHOL	AMAZON CAPITAL SERVICES	WATERPROOF SPOTLIGHTS		01/19/20	799.96	43951		
213-336-759.000	GAS, OIL & GREASE - FIRE	WEX BANK - SPEEDWAY UNIVERSAL	GAS/FUEL		01/22/20	129.02	44000		
213-336-759.000	GAS, OIL & GREASE	L'YNN AUTO PARTS INC.	4 CYCLE SEF 5 GALLON		02/10/20	83.49	43988		
213-336-776.000	SUPPLIES-BUILDING MAINTENANCE	D & D HOME CENTER	COPPER PIPE/SELF TAPPERS/BIT		01/10/20	47.74	43980		
213-336-776.000	SUPPLIES-BUILDING MAINTENANCE	DANNY'S AUTO VALUE INC	F-COUPLER		01/10/20	13.88	43981		
213-336-801.000	PROFESSIONAL & CONTRACTUAL	ANDERSON, PETE	SNOW PLOWING FIRE HALL		01/30/20	487.20	43974		
213-336-850.000	906-293-8141 FIRE	VERIZON	ACCOUNT NUMBER 942077532-00003 DES		01/07/20	27.09	43966		
213-336-850.000	TELEPHONE	ATT U VERSE	IVERSE FIRE HALL		01/24/20	41.10	43978		
213-336-921.000	HEAT	SEMCOENERGY GAS COMPANY	NATURAL GAS 900.500		01/27/20	400.27	43995		
213-336-929.000	REPAIRS & MAINTENANCE	DANNY'S AUTO VALUE INC	25' RECOIL HOSE		02/02/20	7.99	43981		
213-336-929.000	REPAIRS & MAINTENANCE	D & D HOME CENTER	PIPES		02/10/20	35.52	43980		
213-336-929.000	REPAIRS & MAINTENANCE	MICHIGAN LAUNDRY MACHINERY SERV	REPAIR OF WASHER		01/30/20	614.54	44010		
213-336-932.000	VEHICLE REPAIRS & MAINTENANCE	L'YNN AUTO PARTS INC.	LAMP		01/10/20	6.29	43988		
213-336-956.000	MISCELLANEOUS	SNYDERS DRUG STORE	BOUNTY PAPER TOWEL		01/30/20	11.00	43996		
			Total For Dept 336 FIRE			6,704.69			
			Total For Fund 213 Fire Revolving Fund			6,704.69			
Fund 409 TORC									
Dept 757 TORC									
409-757-851.000	POSTAGE	TAHOUAMENON AREA CREDIT UNION	PRIORITY MAIL		01/03/20	7.35	43997		
			Total For Dept 757 TORC			7.35			
			Total For Fund 409 TORC			7.35			

Fund 590 Sewage Receiving Fund									
Dept 537 SEWER SYSTEM									
590-537-719.000	HOSPITALIZATION	44 NORTH	COBRA RETIREES	12/31/19	2.41	43957			
590-537-719.000	HOSPITALIZATION	44 NORTH	COBRA RETIREES	01/30/20	2.41	43973			
590-537-752.000	OFFICE SUPPLIES	AMAZON CAPITAL SERVICES	TONERS	02/02/20	78.47	43973			
590-537-752.000	OFFICE SUPPLIES	AMAZON CAPITAL SERVICES	LABEL MAKER RIBBON	02/06/20	6.88	43973			
590-537-752.000	OFFICE SUPPLIES	MAC'S MARKET INC	SHOP TOWELS/WWTP	02/10/20	22.00	43989			
590-537-752.100	OPERATING SUPPLIES	NEWBERRY CHAMBER OF COMMERCE	BUSINESS DUES	01/30/20	40.00	43990			
590-537-753.000	TOOLS & EQUIP (UNDER THRES)	AMAZON CAPITAL SERVICES	METRIC TAP SET/PIPE TAP SET	02/08/20	148.92	43973			
590-537-753.000	TOOLS & EQUIP (UNDER THRES)	DANNY'S AUTO VALUE INC	1/2"-3/4M ADPT	02/10/20	8.28	43981			
590-537-759.000	GAS, OIL & GREASE - WWTP	WEX BANK - SPEEDWAY UNIVERSAL	GAS/FUEL	01/22/20	175.09	44000			
590-537-767.000	UNIFORMS	AMAZON CAPITAL SERVICES	MANS OVERALLS	01/27/20	39.99	43973			
590-537-776.000	SUPPLIES - BUILDING MAINTENANCE	FOSTER HARDWARE	URINAL SCREEN/PAINT	01/10/20	79.97	43956			
590-537-776.000	SUPPLIES - BUILDING MAINTENANCE	MICHIGAN STEAM	TRIPLER ZERO CLEANER HIGH ACID	01/23/20	470.65	43962			
590-537-776.000	SUPPLIES - BUILDING MAINTENANCE	AMAZON CAPITAL SERVICES	BELITE MEDIUM BASE CLEAR METAL	02/07/20	8.99	43973			
590-537-801.000	PROFESSIONAL & CONTRACTUAL	EGLE CASHIER OFFICE	BIOSOLIDS LAND APP FEES	01/31/20	503.10	43969			
590-537-801.000	PROF & CONTRACTUAL SERVICES	RANGE TELECOMMUNICATIONS	MISSDIGS	01/02/20	4.55	43994			
590-537-801.000	PROFESSIONAL & CONTRACTUAL	JOHNSON CONTROLS	PLANNED SERVICE AGREEMENT FORM	01/30/20	505.00	43987			
590-537-801.000	PROFESSIONAL & CONTRACTUAL	ERIC'S SEPTIC SERVICE	SNAKE 60 FT FROM HOUSE TO TEMP TAP	01/31/20	240.00	43982			
590-537-801.000	PROFESSIONAL & CONTRACTUAL	ERIC'S SEPTIC SERVICE	300 GAL SEPTIC PUMP	01/30/20	125.00	43982			
590-537-804.000	LEASE EXPENSE	US BANK EQUIP FINANCE	COPPER LEASE - 1544229	12/04/19	96.49	43965			
590-537-804.000	LEASE EXPENSE	US BANK EQUIP FINANCE	COPPER LEASE - 1544229	02/04/20	105.32				
590-537-850.000	FAX	VERIZON	ACCOUNT NUMBER 942077532-00001 FAX	01/07/20	11.45	43966			
590-537-850.000	906-291-0599 - WWTP	VERIZON	ACCOUNT NUMBER 942077532-00002 - CE	01/07/20	53.97	43966			
590-537-850.000	906-291-1625 FINANCE	VERIZON	ACCOUNT NUMBER 942077532-00003 DES	01/07/20	67.49	43966			
590-537-850.000	TELEPHONE	A1&T	WWTP	01/06/20	89.37	43953			
590-537-850.000	JAMADOTS INTERNET	HTC-HIAWATHA TELEPHONE CO	ACCT 00042108-7	01/27/20	23.75	43986			
590-537-850.000	TELEPHONE	ATT U VERSE	UVERSE	01/24/20	41.11	43977			
590-537-851.000	POSTAGE	ARISTA INFORMATION SYSTEMS INC	UB POSTAGE	12/31/19	130.69	43952			
590-537-900.000	PRINTING & PUBLISHING	ARISTA INFORMATION SYSTEMS INC	UB BILLIG	12/31/19	167.52	43952			
590-537-917.000	TREATMENT COSTS	HAWKINS INC	SODIUM BISULFITE/CHLORINE	01/18/20	971.59	43968			
590-537-921.000	HEAT	SEMCOENERGY GAS COMPANY	NATURAL GAS 994.500	01/27/20	832.88	43995			
590-537-929.000	REPAIRS & MAINTENANCE	C2AE ARCHITECTURE ENGINEERING	CHEMICAL PROCESSING PUMP	12/31/19	623.84	43967			
590-537-932.000	VEHICLE REPAIRS & MAINTENANCE	GREAT LAKES TRUCK SERVICE	COOLANT HEATER	01/10/20	212.19	43985			
590-537-974.000	CONSTRUCTION -SRF BOND	HAWKINS INC	CHLORINE IMPROVEMENTS	01/04/20	25,560.00	43968			
590-537-975.000	CONSTRUCTION - SAW GRANT	C2AE ARCHITECTURE ENGINEERING	CONDITION/CRTICAL/YMETERING/MO	01/10/20	5,694.05	44001			
			Total For Dept 537 SEWER SYSTEM		37,143.42				
			Total For Fund 590 Sewage Receiving Fund		37,143.42				
		Fund Totals:							
			Fund 101 General Fund		52,616.00				
			Fund 213 Fire Revolving Fund		6,704.69				
			Fund 409 TORC		7.35				
			Fund 590 Sewage Receiving Fund		37,143.42				
			Total For All Funds:		96,471.46				

Village of Newberry
Water Light Payables
December 7, 2019 to January 10, 2020

GL Number	Inv. Line Desc	Vendor	Invoice Desc.	Due Date	Amount	Check #
Fund 582 Electric Fund						
Dept 000						
582-000-042.000	UNAPPLIED CREDIT	NORRIS CONTRACTING INC	UB refund for account: 6-99999-89	12/23/19	9.99	43950
582-000-255.000	DEPOSIT	PUCKETT EMILY	UB deposit refund for account: 4-01950-0	12/23/19	250.00	43949
			Total For Dept 000		259.99	
Dept 582 ELECTRIC DISTRIBUTION						
582-582-850.000	TELEPHONE	ATT U.VERSE	LARGE CAPACITY METER UVERSE	12/23/19	41.10	43898
			Total For Dept 582 ELECTRIC DISTRIBUTION		41.10	
Dept 583 GENERAL EXPENSES						
582-583-719.000	HOSPITALIZATION	44 NORTH	COBRA RETIREES	12/31/19	3.22	43957
582-583-752.000	OFFICE SUPPLIES	AMAZON CAPITAL SERVICES	TAX DOC ENVELOPES	01/05/20	12.12	43892
582-583-752.000	OFFICE SUPPLIES	AMAZON CAPITAL SERVICES	TONERS	02/02/20	78.47	
582-583-752.099	BANK FEES	US BANK OPERATIONS CENTER	CAPITAL IMPROVEMENT BOND DTD 8-1-02	12/27/19	250.00	43930
582-583-752.099	BANK FEES	U.S. BANK	REVENUE BDS DTD BI 5045	12/30/19	250.00	43944
582-583-752.100	OPERATING SUPPLIES	LYNN AUTO PARTS INC.	RAGS IN BOX	01/10/20	33.98	43960
582-583-752.100	OPERATING SUPPLIES	AMAZON CAPITAL SERVICES	BATTERIES	02/03/20	5.00	
582-583-752.100	OPERATING SUPPLIES	NEWBERRY CHAMBER OF COMMERCE	BUSINESS DUES	01/30/20	40.00	
582-583-752.100	OPERATING SUPPLIES	RAHILLY IGA	WATER/409 CLEANER	01/10/20	4.35	
582-583-752.100	OPERATING SUPPLIES	RAHILLY IGA	WATER	01/10/20	3.99	
582-583-753.000	TOOLS & EQUIP (UND CAP THRESH)	FOSTER HARDWARE	SCREWDRIVER SET	01/10/20	135.35	43956
582-583-753.000	TOOLS & EQUIP (UND CAP THRESH)	FOSTER HARDWARE	EXTRACTOR BIT SET	01/10/20	7.50	43956
582-583-759.000	GAS & OIL - ELECTRIC	WEX BANK - SPEEDWAY UNIVERSAL	GAS/FUEL	01/22/20	157.03	
582-583-767.000	CLOTHING - UNIFORMS	AMAZON CAPITAL SERVICES	ICE CLEATS	01/10/20	22.77	
582-583-801.000	PROFESSIONAL & CONTRACTUAL	WATKINS ROSS	RETIREE HEALTH CARE PLAN PREP FOR COMP. G	12/10/19	925.00	43948
582-583-801.000	PROFESSIONAL & CONTRACTUAL	MISS DIG SYSTEM	ANNUAL MEMBERSHIP FEE	01/11/20	427.00	43915
582-583-801.000	PROFESSIONAL AND CONTRACTUAL	FAIR, ALMA	OFFICE CLEANING	01/30/20	100.00	
582-583-801.000	PROFESSIONAL AND CONTRACTUAL	RANGE TELECOMMUNICATIONS	MISSDIGS	01/02/20	12.14	
582-583-801.000	PROFESSIONAL & CONTRACTUAL	MICHIGAN MUNICIPAL ELECTRIC ASSOCIA	DUES-MEMBERSHIP	01/22/20	3,438.00	
582-583-850.000	TELEPHONE	VERIZON	ACCOUNT NUMBER 942077532-00001 FAX	01/07/20	11.45	43966

Village of Newberry
Water Light Payables
December 7, 2019 to January 10, 2020

GL Number	Inv. Line Desc	Vendor	Invoice Desc.	Due Date	Amount	Check #
Dept 583 GENERAL EXPENSES (continued)						
582-583-850.000	906-450-0919 LINEMAN	VERIZON	ACCOUNT NUMBER 942077532-00002 - CELL	01/07/20	21.59	43966
582-583-850.000	906-291-0136 MECHANIC	VERIZON	ACCOUNT NUMBER 942077532-00002 - CELL	01/07/20	21.60	43966
582-583-850.000	906-291-0055 HR	VERIZON	ACCOUNT NUMBER 942077532-00002 - CELL	01/07/20	10.79	43966
582-583-850.000	906-291-0608 LINEMAN	VERIZON	ACCOUNT NUMBER 942077532-00002 - CELL	01/07/20	21.59	43966
582-583-850.000	906-291-1223 MANAGER	VERIZON	ACCOUNT NUMBER 942077532-00003 DESK	01/07/20	7.04	43966
582-583-850.000	906-291-1621 A.V.M.	VERIZON	ACCOUNT NUMBER 942077532-00003 DESK	01/07/20	7.05	43966
582-583-850.000	906-291-1622 H.R.	VERIZON	ACCOUNT NUMBER 942077532-00003 DESK	01/07/20	7.05	43966
582-583-850.000	906-291-1627 W/L	VERIZON	ACCOUNT NUMBER 942077532-00003 DESK	01/07/20	14.09	43966
582-583-850.000	906-293-8531	VERIZON	ACCOUNT NUMBER 942077532-00003 DESK	01/07/20	13.52	43966
582-583-850.000	906-291-1625 FINANCE	VERIZON	ACCOUNT NUMBER 942077532-00003 DESK	01/07/20	7.05	43966
582-583-850.000	906-293-3433 GENRAL	VERIZON	ACCOUNT NUMBER 942077532-00003 DESK	01/07/20	7.04	43966
582-583-850.000	906-293-5681 W/L CLERK 40%	VERIZON	ACCOUNT NUMBER 942077532-00003 DESK	01/07/20	10.82	43966
582-583-850.000	TELEPHONE	AT&T	WATER/LIGHT PHONE	01/07/20	56.79	43954
582-583-850.000	JAMADOTS INTERNET	HTC-HIAWATHA TELEPHONE CO	ACCT 00042108-7	01/27/20	23.75	
582-583-850.000	JAMADOTS - FIBER-OPTICS	HTC-HIAWATHA TELEPHONE CO	ACCT 00042364-7	01/27/20	25.00	
582-583-851.000	POSTAGE	ARISTA INFORMATION SYSTEMS INC	UB POSTAGE	12/31/19	221.60	43952
582-583-900.000	PRINTING AND PUBLISHING	ARISTA INFORMATION SYSTEMS INC	UB BILLIG	12/31/19	284.05	43952
582-583-932.000	VEHICLES REPAIRS & MAINTENANCE	DANNY'S AUTO VALUE INC	PLow GUIDES	02/10/20	6.99	
582-583-932.000	VEHICLES REPAIRS & MAINTENANCE	AMAZON CAPITAL SERVICES	TIRE	02/01/20	119.54	
582-583-932.000	VEHICLES REPAIRS & MAINTENANCE	NEALS AUTOMOTIVE PARTS INC	TIRE PATCH	01/10/20	2.98	
582-583-932.000	VEHICLES REPAIRS & MAINTENANCE	BURBACH SALES & SERVICE	USED TAIL PIPE	01/30/20	73.30	
582-583-968.100	BOND RESERVE	TAHOUEMENON AREA CREDIT UNION	BOND RESERVE -- ACCT NO 1305590	12/30/19	44,000.00	43928
			Total For Dept 583 GENERAL EXPENSES		50,880.60	
Dept 586 PURCHASED POWER						
582-586-801.000	PROFESSIONAL AND CONTRACTUAL	MICHIGAN PUBLIC POWER AGENCY	GREEN PRICING SVC COMM/RENEWABLE PORTFOLIO	12/25/19	85.40	43940
582-586-926.000	PURCHASED POWER	CLOVERLAND ELECTRIC CO-OP	MONTHLY POWER BILL	01/21/20	74,132.23	
582-586-926.100	ATC TRANSMISSION MONTHLY INV	AMERICAN TRANSMISSION COMPANY	PURCHASED POWER - CAPACITY	01/09/20	12,141.88	
			Total For Dept 586 PURCHASED POWER		86,359.51	
Dept 587 ENERGY OPTIMIZATION						
582-587-801.000	PROFESSIONAL & CONTRACTUAL	MECA	MONTHLY INCENTIVES	01/07/20	1,295.26	
			Total For Dept 587 ENERGY OPTIMIZATION		1,295.26	
			Total For Fund 582 Electric Fund		138,836.46	

Village of Newberry
Water Light Payables
December 7, 2019 to January 10, 2020

GL Number	Inv. Line Desc	Vendor	Invoice Desc.	Due Date	Amount	Check #
Fund 591 Water Fund						
Dept 536 WATER SYSTEM						
591-536-719.000	HOSPITALIZATION	44 NORTH	COBRA RETIREES	12/31/19	2.70	43957
591-536-752.000	OFFICE SUPPLIES	AMAZON CAPITAL SERVICES	TAX DOC ENVELOPES	01/05/20	12.12	43892
591-536-752.000	OFFICE SUPPLIES	AMAZON CAPITAL SERVICES	TONERS	02/02/20	78.47	
591-536-752.100	OPERATING SUPPLIES	EGL CASHIER OFFICE	NPD'S ANNUAL PERMIT FEE	01/15/20	400.00	43942
591-536-752.100	OPERATING SUPPLIES	TAHOAMENON AREA CREDIT UNION	CHART RECORDER PENS	11/09/19	74.34	43928
591-536-752.100	OPERATING SUPPLIES	DANNY'S AUTO VALUE INC	MINI ACETYLENE	01/10/20	28.99	9
591-536-752.100	OPERATING SUPPLIES	DANNY'S AUTO VALUE INC	WASHER SOLVENT	01/10/20	4.38	43955
591-536-752.100	OPERATING SUPPLIES	HAWKINS INC	AZONE	01/18/20	113.05	43968
591-536-752.100	OPERATING SUPPLIES	AMAZON CAPITAL SERVICES	BATTERIES	02/03/20	5.00	
591-536-752.100	OPERATING SUPPLIES	NEWBERRY CHAMBER OF COMMERCE	BUSINESS DUES	01/30/20	40.00	
591-536-752.100	OPERATING SUPPLIES	RAHILLY IGA	WATER/409 CLEANER	01/10/20	4.34	
591-536-752.100	OPERATING SUPPLIES	RAHILLY IGA	WATER	01/10/20	3.99	
591-536-753.000	TOOLS & EQUIP UND CAP THRESH	FOSTER HARDWARE	SCREWDRIVER SET	01/10/20	135.35	43956
591-536-753.000	TOOLS & EQUIP UND CAP THRESH	FOSTER HARDWARE	EXTRACTOR BIT SET	01/10/20	7.49	43956
591-536-759.000	GAS, OIL & GREASE - WATER	WEX BANK - SPEEDWAY UNIVERSAL	GAS/FUEL	01/22/20	157.02	
591-536-767.000	UNIFORMS	AMAZON CAPITAL SERVICES	ICE CLEATS	01/10/20	22.77	
591-536-801.000	PROFESSIONAL & CONTRACTUAL S	SAULIT STE MARIE CITY HALL	MONTHLY WATER SAMPLES	12/27/19	54.00	43941
591-536-801.000	PROFESSIONAL & CONTRACTUAL	WATKINS ROSS	RETIREE HEALTH CARE PLAN PREP FOR COMP	12/10/19	925.00	43948
591-536-801.000	PROFESSIONAL & CONTRACTUAL	MISS DIG SYSTEM	ANNUAL MEMBERSHIP FEE	01/11/20	427.00	43915
591-536-801.000	PROFESSIONAL & CONTRACTUAL	OHM ADVISORS	ASSET INVENTORY/CONDITION ASSESSMENT	01/09/20	1,566.31	
591-536-801.000	PROFESSIONAL & CONTRACTUAL S	FEAR, ALMA	OFFICE CLEANING	01/30/20	100.00	
591-536-801.000	PROFESSIONAL & CONTRACTUAL S	RANGE TELECOMMUNICATIONS	MISSDGS	01/02/20	12.14	
591-536-850.000	FAX	VERIZON	ACCOUNT NUMBER 942077532-00001 FAX	01/07/20	11.45	43966
591-536-850.000	906-450-0919 LINEMAN	VERIZON	ACCOUNT NUMBER 942077532-00002 - CELL	01/07/20	21.59	43966
591-536-850.000	906-291-0608 LINEMAN	VERIZON	ACCOUNT NUMBER 942077532-00002 - CELL	01/07/20	21.59	43966
591-536-850.000	906-291-0055 HR	VERIZON	ACCOUNT NUMBER 942077532-00002 - CELL	01/07/20	10.79	43966
591-536-850.000	906-293-5681 W/L CLERK 40%	VERIZON	ACCOUNT NUMBER 942077532-00003 DESK	01/07/20	10.82	43966
591-536-850.000	906-293-3433 GENERAL	VERIZON	ACCOUNT NUMBER 942077532-00003 DESK	01/07/20	7.04	43966
591-536-850.000	906-291-1625 FINANCE	VERIZON	ACCOUNT NUMBER 942077532-00003 DESK	01/07/20	7.05	43966
591-536-850.000	906-291-1627 W/L	VERIZON	ACCOUNT NUMBER 942077532-00003 DESK	01/07/20	14.09	43966
591-536-850.000	906-291-1622 H.R.	VERIZON	ACCOUNT NUMBER 942077532-00003 DESK	01/07/20	7.04	43966
591-536-850.000	906-291-1621 A.V.M	VERIZON	ACCOUNT NUMBER 942077532-00003 DESK	01/07/20	7.05	43966
591-536-850.000	906-291-1223 MANAGER	VERIZON	ACCOUNT NUMBER 942077532-00003 DESK	01/07/20	7.04	43966

**Village of Newberry
Water Light Payables
December 7, 2019 to January 10, 2020**

GL Number	Inv. Line Desc	Vendor	Invoice Desc.	Due Date	Amount	Check #
Fund 591 Water Fund (continued)						
591-536-850.000	TELEPHONE	AT&T	WATER/LIGHT PHONE	01/07/20	56.78	43954
591-536-850.000	JAMADOTS INTERNET	HTC-HIAWATHA TELEPHONE CO	ACCT 00042108-7	01/27/20	23.75	
591-536-850.000	JAMADOTS FIBER- OPTICS	HTC-HIAWATHA TELEPHONE CO	ACCT 00042364-7	01/27/20	25.00	
591-536-851.000	POSTAGE	ARISTA INFORMATION SYSTEMS INC	UB POSTAGE	12/31/19	125.00	43952
591-536-900.000	PUBLISHING & PRINTING	ARISTA INFORMATION SYSTEMS INC	UB BILLIG	12/31/19	160.23	43955
591-536-929.000	REPAIRS & MAINTENANCE	TAHQUAMENON AREA CREDIT UNION	JOBLANCH BADGER METER HEAD	01/28/20	52.00	
591-536-932.000	VEHICLES REPAIRS & MAINTENANCE	LYNN AUTO PARTS INC.	15 16 12P LG COM WRN	01/10/20	19.49	43960
591-536-932.000	VEHICLES REPAIRS & MAINTENANCE	DANNY'S AUTO VALUE INC	PLOW GUIDES	02/10/20	7.00	
591-536-932.000	VEHICLES REPAIRS & MAINTENANCE	NEALS AUTOMOTIVE PARTS INC	TIRE PATCH	01/10/20	2.97	
591-536-932.000	VEHICLES REPAIRS & MAINTENANCE	BURBACH SALES & SERVICE	USED TAIL PIPE	01/30/20	73.30	
			Total For Dept 536 WATER SYSTEM		4,845.53	
			Total For Fund 591 Water Fund		4,845.53	
		Fund Totals:				
			Fund 582 Electric Fund		138,836.46	
			Fund 591 Water Fund		4,845.53	
			Total For All Funds:		143,681.99	

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

Mackinac Island Branch

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

West Mackinac Branch

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

Newberry Branch

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

1315703

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

Date 12/31/19 Page 1 of 1
ACCOUNT NUMBER 7703432

MUNICIPAL MONEY MARKET			1
ACCOUNT NUMBER	7703432	Statement Dates 12/01/19 thru 12/31/19	
PREVIOUS BALANCE	13,277.79	DAYS IN STATEMENT PERIOD	31
1 CREDITS TOTALING	89.14	AVERAGE LEDGER BAL	13,323
DEBITS TOTALING	.00	AVERAGE COLLECTED BAL	13,323
SERVICE CHARGE AMOUNT	.00	Interest Earned	5.66
INTEREST PAID	5.66	Annual Percentage Yield Earned	0.50%
CURRENT STMT BALANCE	13,372.59	2019 Interest Paid	65.58

DEPOSITS AND OTHER CREDITS.....

DATE	DESCRIPTION	AMOUNT
12/16	DDA REGULAR DEPOSIT	89.14
12/31	INTEREST PAID 31 DAYS	5.66

DAILY BALANCE SUMMARY.....

DATE.....	BALANCE	DATE.....	BALANCE	DATE.....	BALANCE
12/01	13,277.79	12/16	13,366.93	12/31	13,372.59

INTEREST RATE SUMMARY.....

DATE.....	INTEREST RATE
11/30	.50%



VILLAGE OF NEWBERRY		TREASURER'S REPORT					
FOR MONTH ENDING:		2019			2018		
December 31, 2019		Y.T.D. Collections		Actual Collections December	Y.T.D. Collections	Actual Collections December	Y.T.D.
LEDGER ITEMS:							
A	Delinquent Personal Property Taxes			0.00	0.00	0.00	0.00
	Delinquent Personal Interest Collected			0.00	0.00	0.00	0.00
	Delinquent Real Tax Collected			0.00	44,380.54	0.00	33,073.86
	Delinquent Real Tax Interest Collected			0.00	2,662.02	0.00	1,983.74
B	Real Property Tax Collected	84%		1,550.78	252,164.26	89%	247,551.50
C	Personal Property Tax Collected	99%		0.00	40,779.09	100%	72,385.41
D	Admin Fee, Penalty & Interest Collected			98.68	3,821.97		4,498.70
E	Deposits to Tax Savings Account			1,649.46	343,841.52		359,494.53
F	Interest Earned on Tax Accounts			23.60	452.57		68.69
	Tax Acct Transfer to Gen Fund/Tax Appropriation Funds			2,752.58	293,416.16		364,356.58

TAX ACCOUNT		
BANK ACCOUNT BALANCE @		
2019	Beginning December	Ending December
	\$270,525.70	\$269,446.18
2018	\$21,021.75	\$14,659.79

Year To Date (YTD) percentages are calculated using the Real and Personal Property Tax Roll Totals (less any Board of Review changes) compared to the same year's Year To Date collections. Tax roll totals are dictated by the Council adoption of millage rates and Township compiled assessed taxable values. For Example; of the 100% we could hope to collect for this year, the percentage describes the actual amount collected so far this year. 2017 Anticipated Real Property Collections are \$284,091.59 2017 Personal Property Collections are \$47,837.80 minus Admin fees, interest, penalty = \$47,364.19 actual. Personal Tax collected from State of Michigan \$19,898.70 plus Admin Fee \$201.00.

Admin Fee, Penalty & Interest Collected (C): Includes all these fees for the current years collections as well as penalties collected in the current year for any delinquent taxes received.

To check Bank Balance: Add Beginning Bank Balance + (D) Deposits to Tax Acct + (E) Interest in Tax Acct LESS (F) Tax Acct Transfer to GF & FIRE Tax Appropriation Funds = Ending Bank Balance.

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY – OFFICE OF DRINKING WATER AND MUNICIPAL ASSISTANCE
REVOLVING LOAN SECTION

**STORMWATER / ASSET MANAGEMENT / WASTEWATER (SAW) GRANT PROGRAM
REQUEST FOR DISBURSEMENT OF FUNDS**

THIS INFORMATION IS REQUIRED UNDER AUTHORITY OF PARTS 52 AND 53, 1994 PA 451, AS AMENDED.

**DOCUMENTATION TO SUPPORT THE INCURRED COSTS MUST BE INCLUDED WITH EACH REQUEST
PLEASE SEE OTHER SIDE FOR INSTRUCTIONS TO COMPLETE REQUEST**

A. Project # 1274-01	B. Request # 19	C. Period Covered by Request 12-01-19 to 12-31-19 (M/D/Y) (M/D/Y)	D. Request Type <input checked="" type="checkbox"/> partial <input type="checkbox"/> final	E. Grantee's EIN 38-6007193	F. Grant Amount \$593,241
G. Grantee Name: Village of Newberry					Phone # 906-293-3433
Address: Village Hall, 302 East McMillian Avenue, Newberry, MI 49868				Email: finance@newberry.mi.gov	
H. Grantee's Bank Name: MBank – Mackinac Financial Corp.					Phone # 906-293-5165
Address: 414 Newberry Ave., Newberry, MI 49868					
Account Name: _____				ABA # 091102807	Account # 9960546
Special Instructions: _____					
I. Budget Items (Include Eligible Costs Only Using Dollars and Cents)			Requested Incurred Costs This Period	Cumulative Costs Incurred To Date	
1. PROJECT PLANNING COSTS (for SRF plans, USDA-RD Preliminary Engineering Reports, or Project Proposal)			\$ 0.00	\$ 0.00	
2. DESIGN ENGINEERING COSTS			\$ 0.00	\$ 0.00	
3. USER CHARGE SYSTEM DEVELOPMENT COSTS (awarded under planning or design grant)			\$	\$	
4. WASTEWATER ASSET MANAGEMENT PLAN COSTS			\$ 2,060.45	\$ 220,648.92	
5. STORMWATER ASSET MANAGEMENT PLAN COSTS			\$ 4,006.11	\$ 70,078.25	
6. STORMWATER MANAGEMENT PLAN COSTS (Nonpoint Source Watershed Management Plans)			\$	\$	
7. INNOVATIVE WASTEWATER OR STORMWATER TECHNOLOGY COSTS			\$	\$	
8. DISADVANTAGED COMMUNITY CONSTRUCTION COSTS			\$	\$	
9. TOTAL CUMULATIVE AMOUNT FOR PERIOD COVERED BY THIS REQUEST (add totals in 1 st column)			\$ 6,066.56		
10. TOTAL CUMULATIVE ELIGIBLE COSTS INCURRED TO DATE (add totals in 2 nd column)				\$ 290,727.17	
11. LESS LOCAL MATCH (if applicable) (na)				(\$ 0.00)	
12. LESS AMOUNT PREVIOUSLY DISBURSED				(\$ 284,660.61)	
13. AMOUNT REQUESTED FOR DISBURSEMENT				\$ 6,066.56	
J. For each request, describe the scope of work completed to date. Attach separate sheet if more space is needed. Discuss the progress made on the services not yet complete and a schedule for their completion by the grant period end date. If the scope of work will exceed the grant period, request a grant period extension from your DEQ project manager prior to incurring the costs.					
<ul style="list-style-type: none"> ○ See attached "Budget & Disbursement Tracking" spreadsheet excerpts (pages 4 & 8 of 8) ○ See attached invoice copies from C2AE for Dec 2019 ○ See attached Progress Report: #26 					
<p>I certify that I am an authorized representative of the grantee and am authorized to make the following certifications on behalf of the grantee: (i) there is no pending litigation or event which will materially and adversely affect the project or the prospects for its completion; (ii) the representations, warranties and covenants contained in the grant agreement for the obligations pursuant to which this request for disbursement is submitted continue to be true and accurate in all material respects as of the date hereof; (iii) to the best of my knowledge and belief, the costs above were incurred in accordance with the terms of the grant agreement and the application for assistance for this project; and (iv) the amount requested for disbursement has not previously been requested.</p>					
Authorized Representative Name (Print or Type): <u>Lori Stokes</u>				Title: <u>Village President</u>	
Authorized Representative Signature (Original): _____				Date: _____	
PLEASE RETURN THIS COMPLETED REQUEST TO THE ADDRESS SHOWN ON THE REVERSE SIDE					



Escanaba, MI
Gaylord, MI
Grand Rapids, MI
Kalamazoo, MI
Lansing, MI
Canton, NY
Syracuse, NY

Please Remit Payment To:
106 West Allegan Street Suite 500
Lansing, MI 48933
1-866-454-3923

December 20, 2019

Project No: 13-0210

Invoice No: 69123

Lori Stokes
Village of Newberry
307 East McMillan Avenue
Newberry, MI 49868

Project 13-0210 Newberry SAW Application

Professional Services for the period ending December 15, 2019

Phase 04 Wastewater Asset Management Plan

Fee

Billing Phase	Fee	Percent Complete	Earned	Previous Fee Billing	Current Fee Billing
Task -900 Inventory & GIS Database	77,180.00	100.00	77,180.00	76,956.18	223.82
Task -0910 Condition & Critically	33,760.00	25.88	8,737.09	8,477.14	259.95
Task 0920-Metering & Modeling	30,140.00	31.55	9,509.17	9,466.97	42.20
Task 0930-Software Hardware & Training	36,200.00	70.53	25,531.86	24,333.64	1,198.22
Task 0940-Sewer Televising	0.00	0.00	0.00	0.00	0.00
Task 0950-Level of Service	4,000.00	0.00	0.00	0.00	0.00
Task 0960-CIP&Rate Structure Development	29,240.00	25.65	7,500.06	7,163.80	336.26
Task 0970 - Other	5,000.00	0.00	0.00	0.00	0.00
Total Fee	215,520.00		128,458.18	126,397.73	2,060.45
Total Fee					2,060.45
Total this Phase					\$2,060.45

Phase 05 Stormwater Asset Management Plan

Fee

Billing Phase	Fee	Percent Complete	Earned	Previous Fee Billing	Current Fee Billing
Task 0900-Inventory & GIS Database	47,800.00	80.10	38,287.80	34,420.89	3,866.91
Task 0910-Condition & Criticality	31,700.00	6.00	1,902.00	1,902.00	0.00
Task 0920-Metering & Modeling	24,640.00	1.511	372.30	372.30	0.00
Task 0930-Software Hardware & Training	2,000.00	6.96	139.20	0.00	139.20
Task 0940-Sewer Televising	0.00	0.00	0.00	0.00	0.00
Task 0950-Level of Service	2,500.00	0.00	0.00	0.00	0.00

Invoices are due upon receipt.

Project	13-0210	Newberry SAW Application			Invoice	69123
Task 0960-CIP&Rate Structure Development		24,500.00	5.70	1,396.50	1,396.50	0.00
Task 0970 - Other		0.00	0.00	0.00	0.00	0.00
Total Fee		133,140.00		42,097.80	38,091.69	4,006.11
		Total Fee				4,006.11
				Total this Phase		\$4,006.11
				Total this Invoice		\$6,066.56

Outstanding Invoices

Number	Date	Balance
68873	10/25/2019	3,255.78
68874	10/25/2019	372.30
68990	11/22/2019	5,694.05
Total		9,322.13

Client:	Village of Newberry	Date:	01-16-20
Project No.:	13-0210	Project Manager:	Darren Pionk/Chuck Lawson
Project Name:	SAW Grant	Field Lead:	Mike Holmgren
Project Phase:	Report	Admin.:	Dave Cain
Client Approved Revised Completion Date:	na	Project Start Date:	Sep 2013 (application)
Client Project No.:	MDEQ SAW #1274-01	Project Completion Date:	Nov 2020
Client Advisor:		Period Covered:	Dec 2019

THE WORK ACCOMPLISHED IN THE DEFINED PERIOD CONSISTED OF:

- Continued GIS database development & populating
- Continued checking/organizing flow meter data for use in modeling

THE ANTICIPATED WORK ELEMENTS IN THE NEXT PERIOD:

- Gathering & incorporate flow meter data
- Database integration & sewer model prep
- Incorporating WWTP data
- Compile next Draw Request package
- Assist in coordinating GIS training

SCOPE CHANGES MADE DURING DEFINED PERIOD:

- na

BUDGET STATUS (% COMPLETE OF C2AE TASKS):

Wastewater (WAMP) Task	Budget	Approx. % Used
900 – Inventory & GIS Database Development	\$77,180	100%
910 – Condition & Criticality Assessment	\$33,760	26%
920 – Metering & Modeling	\$30,140	32%
930 – Software, Hardware, & Training	\$36,200	71%
940 – Sewer Televising	\$0	na
950 – Level of Service	\$4,000	4%
960 – Cap. Imp. Plan & Rate Structure Development	\$29,240	27%
970 – Other – Funding Application	\$5,000	100%
Total C2AE	\$215,520	60%
Total Project Including Other Venders, etc.	\$379,622	58%

PROGRESS REPORT # 26

Project Description: Newberry SAW

Stormwater (SAMP) Task	Budget	Approx. % Used
900 – Inventory & GIS Database Development	\$47,800	81%
910 – Condition & Criticality Assessment	\$31,700	6%
920 – Metering & Modeling	\$24,640	2%
930 – Software, Hardware, & Training	\$2,000	7%
940 – Sewer Televising	\$0	na
950 – Level of Service	\$2,500	1%
960 – Cap. Imp. Plan & Rate Structure Development	\$24,5000	9%
970 – Other – Mapping	\$0	na
Total C2AE	\$133,140	32%
Total Project Including Other Venders, etc.	\$237,355	30%

SCHEDULE STATUS (from Engineering Agreement):

Wastewater (WAMP) Task	Target	Status
900 – Inventory & GIS Database Development	May-Jul 2018 9	Nearly Complete
910 – Condition & Criticality Assessment	Aug-Oct 2018 9	Nearly Complete
920 – Metering & Modeling	Jul-Nov 2018 9	Continues
930 – Software, Hardware, & Training	May-Jul 2018 9	Components purchased
940 – Sewer Televising	Aug-Nov 2018 9	Done
950 – Level of Service	Nov-Dec 2018 9	xxx
960 – CIP & Rate Structure Development	Nov-Dec 2018 9	Continues
970 – Other – Grant Application Preparation	Nov 2013	Done
Rate Methodology Submittal to MDEQ	End of May 2020	On schedule
SAW Grant Budget Deadline	End of Nov 2020	On schedule

Stormwater (SAMP) Task	Target	Status
900 – Inventory & GIS Database Development	Aug-Oct 2018 19	Data Entry As Needed
910 – Condition & Criticality Assessment	Oct-Nov 2018 19	Continues
920 – Metering & Modeling	Mar-Apr 2019	Planning
930 – Software, Hardware, & Training	May-Jul 2018 19	Started
940 – Sewer Televising	May-Jun 2019	Planning
950 – Level of Service	Jun-Jul 2019	xx
960 – CIP & Rate Structure Development	Jun-Jul 2019	xx
970 – Other – Mapping for Drainage Model	May-Jul 2018	Done
SAW Grant Budget Deadline	End of Nov 2020	On schedule

PROGRESS REPORT # 26

Project Description: Newberry SAW

INPUT NEEDED FROM CLIENT:

- na

CLIENT INPUT, DECISIONS AND DIRECTIVES:

- na

REALIZED OR ANTICIPATED CONCERNS:

- na

VALUE ADDED:

- C2AE Escanaba staff background & knowledge of Newberry WWTF provides for planning & implementation efficiencies throughout the AMP & Project Planning process



Subject: Perceptive Controls, Inc._Proposal Q2020-323

January 2020

We are pleased to provide you a proposal to upgrade your SCADA computer.

Computer and software.....	\$4,750.00
Alarming with remote notification	\$4,800.00

Services by Perceptive Controls:

- Supply a new computer with updated Rockwell software (SCADA software)
 - Computer, windows 10, i7 processor, 8 GB ram, 256 GB SSD, 24" monitor
 - UPS for above computer
 - Upgrade Rockwell support contract

- Provide Hardware and software for alarming
 - Labor to program
 - Alarm via text/email alerts
 - Remote acknowledge of alarms
 - Schedule who gets the alerts
 - Remote (smart phone) view into SCADA system
 - Training on the system
 - Alarm acknowledgment and reset
 - Scheduling

Delivery of above

Note: we are not planning to install this solution on site. We will prepare the solution and ship it to Newberry. It is a plug and play solution. If a service trip is required; we will bill \$125/hr plus travel and expenses.

Regards,

Rod Koning

Rod Koning
Application Engineer
Mobile 616-292-9882
rkoning@perceptivecontrols.com

Jack Olson

407 E Truman St

January 14, 2020

Ms Lori Stokes, Vlg council President

Dear Ms Stokes:

I recently looked at the web site "... Open Gov't Transparency
I see the "Long Term Debt" column has not been updated yet.
Strange how other information is current.

This omission has the effect of putting the Village
finances in a different light than is the actual case.

Respectfully,

Jack Olson

village resident

olsom


Municipal Metrics

Account Login

Register

United States ▶ Michigan ▶ 11 EUP ▶ Luce County ▶ Newberry Village








Name	Type	Fiscal Year End	Population 2010	Phone	Website
Newberry Village	Village	December	1,514	(906) 293-3433	http://www.villageofnewberry.com

 This data is made available through a sponsorship by Eastern Upper Peninsula Regional Planning and Development Commission and a license by Village of Newberry

Multi-year General Fund Data for Newberry Village

pay for connection

supplies info

Year	Data Status	Indicator Score 	Population 	Revenues 	Expenditures 	Fund Balance 	Long Term Debt 	Taxable Value 
2020	Forecast	1	1,426	\$736,431	\$629,344	\$453,288	\$0	\$18,575,979
2019	Amended Budget	2	1,426	\$729,140	\$623,112	\$346,200	\$0	\$17,683,508
2018	Historic	2	1,426	\$835,861	\$835,308	\$240,172	\$0	\$18,209,958
2017	Historic	2	1,436	\$813,400	\$912,025	\$239,619	\$0	\$18,618,729
2016	Historic	2	1,445	\$1,033,293	\$1,093,574	\$239,619	\$0	\$18,618,729
2015	Historic	1	1,458	\$1,016,755	\$889,178	\$239,619	\$67,511	\$19,246,308
2014	Historic	2	1,455	\$1,004,531	\$967,626	\$520,813	\$106,401	\$19,272,561
2013	Historic	3	1,480	\$975,714	\$1,036,336	\$485,908	\$161,650	\$18,950,509
2012	Historic	3	1,482	\$1,137,095	\$1,012,500	\$547,530	\$288,613	\$18,257,749
2011	Historic	1	1,497	\$932,385	\$901,195	\$422,935	\$355,269	\$18,872,148
2010	Historic	1	1,514	\$1,177,717	\$944,920	\$391,745	\$345,815	\$18,642,059
2009	Historic	1	1,492	\$912,056	\$897,285	\$183,150	\$390,763	\$18,959,27
2008	Historic	3	1,517	\$908,990	\$897,285	\$13,335	\$442,652	\$19,398,44
							\$613,185	\$18,934,06



Multi-year reports available for Newberry Village

Citizens' Guide

Revenues & Expenditures

Where the Money Comes From

How the Money is Spent

Unfunded Liabilities (pension and OPEB)

Pension Fund Status

Other Post-Employment Benefit (OPEB) Fund Status

Statements of Position:

Components of Fund Equity

Available Reserves as a Percent of Total Expenditures

How We Have Managed Our Resources

Public Safety

Crime Statistics

Traffic Crashes

Expense Trends

Dashboard

Dashboard

Fiscal Distress Indicator Factors

Population Growth

General Fund Expenditures as a Percent of Taxable Value

Taxable Value Change

Operating Results

Size of Fund Balance

Long-term Debt as a Percent of Taxable Value

Miscellaneous Reports

Population Trends

Taxable Value Trends

Tax Rates

Building Permits

Open Data Documents & Links for Newberry Village

Shared Services for Newberry Village

Peer Groups that include Newberry Village

School Districts for Newberry Village

From: bruce lane <brucelane28@yahoo.com>
Sent: Thursday, January 16, 2020 11:37 PM
To: village president <villagepresident@newberrymi.gov>
Subject: Re: Village council

Dear Lori,

I am sorry but due to circumstances, out of my control, I am here by resigning from the village council. I am sorry was wanting to help the new administration make Newberry a better place to reside,

Bruce Lane

VILLAGE OF NEWBERRY



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

VILLAGE OF NEWBERRY TRUSTEE VACANCIES RESOLUTION

Motion By: _____

Supported By: _____

WHEREAS, the Village of Newberry is governed by the General Village Law Act (1895 PA 3) which establishes the legislative council as the Village authority, and

WHEREAS, the Village of Newberry consists of a Council of six (6) Trustees and one (1) Village President, and

WHEREAS, the Village of Newberry Board of Trustees has experienced one (1) vacancy due to resignation, and

NOW THEREFORE BE IT RESOLVED, according to Section 62.13 of General Village Law the Council declares the office of Trustee vacant.

I, Terese Schummer, Clerk of said Village of Newberry, do hereby certify that the foregoing is a true and complete copy of a resolution adopted by the Village Council of the Village of Newberry, County of Luce, State of Michigan, at a regular meeting held on January 21, 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, and that the minutes of said meeting be kept and will be or have been made available as required by said Act.

AYES: _____

NAYS: _____

ABSENT: _____

In Testimony Whereof, I have hereunto set my hand and Affixed the seal of said Village of Newberry, this 21st day of January 2020.

Terese Schummer, Clerk
Village of Newberry

Date

Lori A. Stokes, Village President
Village of Newberry

Date

VILLAGE OF NEWBERRY, Michigan

Water System Asset Management Program

Executive Summary

Original created December 2017

Revised and updated December 2019

This report contains the asset management program for the Village of Newberry water system.

CONCLUSION

The results of the asset management program user fee rate analysis indicated that a water rate increase was necessary to meet the adopted budget. At the July 2017 Village Council meeting the village council adopted a flat \$75.00 per REU water rate structure. The results of the rate analysis can be found in Appendix 1.

CONFIRMATION OF INCOME

Based on a billing of 13,200 REU per year at \$75.00 per REU that gives an annual income of \$990,000 per year.

Table 1. Village of Newberry Rate Changes

Village of Newberry				
CONCLUSION OF ANALYSIS				
BASE RATE / READY TO SERVE CHARGE PER MONTH				
METER SIZE - INCHES	CURRENT RATES		CALCULATED RATES	DIFFERENCE
RES	\$7.50		\$75.00	\$67.50
COM	\$7.50		\$75.00	\$67.50

The above rates are based on an input budget of	\$990,009
The above rates are based on invoicing the following gallons of water / sewer	38,412,000
The above rates are based on the following number of customers	1,100
The above rates are based on the following number of Residential Equivalent Units (REU's)	13,200

One of the reasons for the increase with the establishment of the equipment replacement fund and the updated capital improvement plan. The equipment replacement and rehabilitation annual funding levels are based on anticipated expenses for the equipment listed in the program. These anticipated expenses are based on the past maintenance history of this equipment. The better and more accurate the maintenance records are the more accurate and realistic the future anticipated replacement and rehabilitation cost will be. It is therefore recommended that the Village continue to track the maintenance of the water system equipment and strive to improve the record keeping procedures. Better records equal a better asset management program as well as increased reliability of the water

system. The current rate budget has these budget figures included and is currently supported 100% by the current water rates.

ASSET INVENTORY

The asset inventory will be tracked in a Microsoft excel spreadsheet by the Director of Public Works. The Director of Public works will maintain the file and make changes to the inventory as needed. The following assets will be tracked in the Village's water system inventory: 3 wells, one 100,000-gallon water tower, valves, fire hydrants, water mains, water meters, curb stops, and service lines. Water mains, valves and hydrants have been digitized in a GIS geodatabase. The remaining assets including the Village's vertical water infrastructure (source wells and storage tank), meters, curb stops, and service lines will be added to the GIS geodatabase in future revisions to the Village's Water AMP.

The Village's water system contains the following major source, storage, and distribution assets:

- 3 groundwater wells:
 - Well #4 (1938) – 1200 GPM
 - Well #6 (2006) – 350 GPM
 - Well #7 (2008/2009) – 700 GPM
- 100,000-gallon elevated storage tank (1937)
- 333 valves
- 78 hydrants
- 73,355 feet of watermain
- Unknown meters
- Unknown curb stops
- Unknown service lines

The Village is continuing the asset inventory effort for the Lead and Copper Rule deliverables and will update the AMP totals for meters, curb stops, and service lines as more information is gathered. The Asset Inventory contains the following information:

- a) Brief description of the asset, its required capacity (e.g. pump: 120 gpm), level of redundancy for the asset.
- b) Location of the asset;
- c) Year the asset was installed;
- d) Present condition of the asset (e.g. excellent, good, fair, poor);

Condition		Assessment
Condition Rating		Description
5		Asset Unserviceable - Over 50% of asset requires replacement
4		Significant deterioration - significant renewal/upgrade required (20 -40%)
3		Moderate deterioration - Significant maintenance required (10 -20%)
2		Minor Deterioration - Minor maintenance required (5%)
1		New of Excellent Condition - Only normal maintenance required

- e) Current asset (replacement) costs;

f) Criticality - **Consequence of Failure**

At the current time this is the rating system being used for "Criticality, Consequence of Failure" which comes from the MDEQ NPDES Wastewater Permit Asset Management Requirements.

Rating	Description	% Affected	Level
1	Minor Component Failure	0-25%	Asset
2	Major Component Failure	25-50%	Asset
3	Major Asset	0-25%	Asset
4	Multiple Asset Failure	25-50%	Facility / Sub-System
5	Major Facility Failure	50-100%	Facility

EXAMPLE:

If a "well pump" were to fail, the entire well is out of service, leaving the remaining wells to supply water. This could be listed as a # 3-5 depending on how many wells are needed for system demands.

If a single pump is a two-pump lift station were to fail this would most likely be a 2-3 as there is still one pump left and working.

If the control panel in a two-pump lift station failed and the entire pump station were down this would be a 4-5 rating

g) Probability of Failure (POF): FOR WATER MAINS AND VALVES
Per MDEQ Guidelines - Probability of failure is rated as follows.

Probability of Failure	
Performance Rating	Description
5	Imminent - Likely to occur in the life of the item
4	Probable - Will occur several times in the life of an item
3	Occasional - Likely to occur some- time in the life of an item
2	Remote - Unlikely but possible to occur in the life of an item
1	Improbable - So unlikely, it can be assumed occurrence may not be experienced

The following is a quote from the MDEQ Asset Management Guide.

To determine the probability of failure a utility needs to look at a number of factors: asset age, condition of asset, failure history, historical knowledge, experiences with that type of asset in general, maintenance records, and knowledge regarding how that type of asset is likely to fail. Below is an example of a ranking system for probability of failure

For this report Probability of Failure for water mains, and water valves is calculated by taking the average of:

Percent of life consumed (on a 1-5 scale)

Condition of item (on a 1-5 scale)

For items in the equipment replacement pages the Probability of Failure is calculated by taking the average of the

Percent of life consumed (on a 1-5 scale)

Percent of life until next rehab (on a 1-5 scale)

Condition of item (on a 1-5 scale)

h) A Criticality Rating = (Probability of Failure X the Consequence of Failure)

CONDITION ASSESSMENT

The likelihood of failure (condition score) was determined based on a review of available records. The Village's elevated storage tank was inspected in 2016 by Utility Service Group. The 100,000-gallon elevated water storage tower was constructed in 1937 and is well maintained but showing signs of aging. The Village is planning to replace the tower in 2031. The Water Well and Pump Record reports show that Well #6 and Well #7 were constructed in 2006 and 2008, respectively, but Well #4 is part of the original water system constructed in 1937/1938. A backup generator is needed at Well #7 and the Village plans to rehabilitate Wells #4 and #6.

The determination of the likelihood of failure in the horizontal infrastructure is based on available records. A major water main replacement project was completed in 2015 in which approximately 65% of the Village's water mains were replaced. Construction records are incomplete, but it was assumed that the majority of pipes not replaced in the 2015 project are original, circa 1937/1938. A design life of 100 years was used to estimate the remaining useful life of the Village's water mains. The estimated remaining useful life is empirically translated to a probability of failure rating on a 1 through 5 scale, and then adjusted for break history or other operational concerns. The Likelihood of Failure for the Village's water mains is summarized in Figure 1. Much of the remaining original water main is located on East Limits Rd.

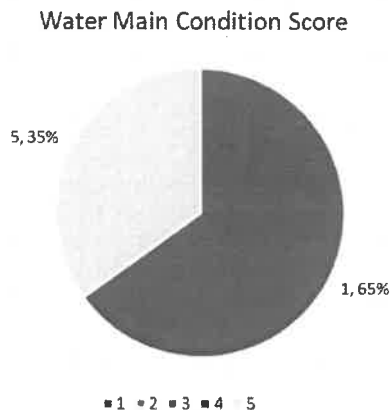


Figure 1. Water Main Probability of Failure Ratings by Total Length

CRITICAL ASSETS AND RECOMMENDATIONS

The investigation leading to the identification of critical water distribution infrastructure involved the determination of risk, which is identified as the combination of the likelihood of the infrastructure failing as well as the consequence of its failure.

While the likelihood of failure (condition) is related to the physical condition of an asset, the consequence of failure focuses on the economic losses and impacts to society due to an asset's failure. The asset diameter was considered for determination of the consequence of failure rating as well as the location of critical users. Critical users are defined as customers who would be severely impacted by the loss of water. The Village identified 36 critical water user locations that include public utilities, places of worship, care facilities, schools and government offices. The list of critical water users is provided in Appendix 3.

The consequence of failure for the Newberry water distribution assets is based on a ranking system which uses a scale of one (1) to five (5), with one (1) meaning the asset would have insignificant disruption if it were to fail and five (5) meaning the asset would have catastrophic disruption if it were to fail. See Tables 2 through 5 for the Village's consequence of failure ranking system.

Table 2. Consequence of Failure Ranking System - Water Main Diameter

COF	Diameter (in)	Description
1	4" or less	Insignificant Disruption
2	6"	Minor Disruption
3	8"	Moderate Disruption
4	10"	Major Disruption
5	12"	Catastrophic Disruption

Table 3. Consequence of Failure Ranking System - Water Main Location

COF	Description
1	Pervious surface (vegetation, small segments of impervious surface)
2	Impervious
3	Minor Roads
4	Major Roads
5	Interstate/Highway/Other Major Roads

Table 4. Consequence of Failure Ranking System - Water Main Proximity to Environmentally Sensitive Features (surface waters, etc.)

COF	Description
1	150 LF or more
2	100 – 150 LF
3	75 – 100 LF
4	50 – 75 LF
5	Less than 50 LF

Table 5. Consequence of Failure Ranking System - Water Main Proximity to Critical Users

COF	Description
1	2,000 LF or more
2	1,500 – 2,000 LF
3	1,000 – 1,500 LF
4	500 – 1,000 LF
5	Less than 500 LF

Utilizing the diameters listed in the Village's Asset Inventory, as well as the location of the pipes and their proximity to environmentally sensitive features and critical water users, the system has an average consequence of failure rating of approximately 3 out of 5. See Figure 2 for an illustration of overall watermain consequence of failure ratings. Consequence ratings for valves and hydrants have not been individually assigned. Ratings for these assets can be assigned in future AMP revisions based on the rating of the adjacent water mains.

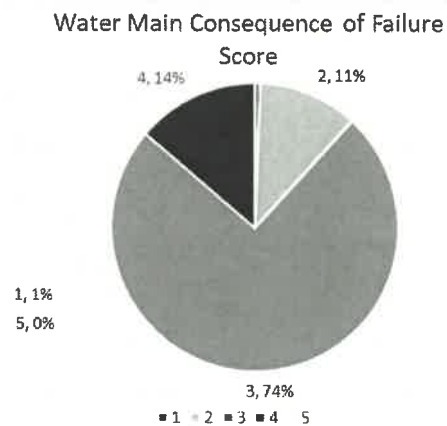


Figure 2. Water Main Consequence of Failure Ratings by Total Length

Risk, which is reported on a one to twenty-five (1 – 25) rating scale, is the result of the asset's likelihood of failure (condition) multiplied by the asset's consequence of failure. Figure 3 details the information used to calculate the risk, also referred to as Business Risk Exposure (BRE), for each of the Village's water main assets.

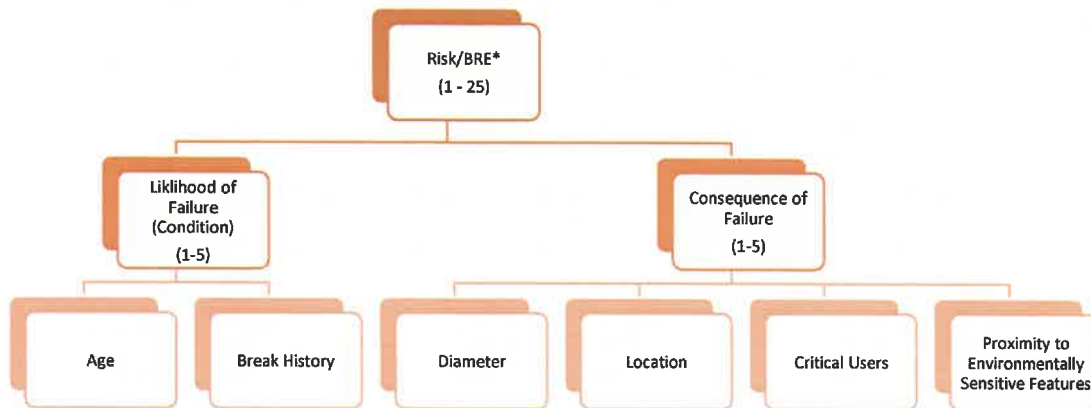


Figure 3. Business Risk Exposure Factor Tree

***Figure 4 Note:** The BRE Priority Matrix depicts how the priority categories (low, medium, or high) were determined based on the consequence of failure and probability of failure.

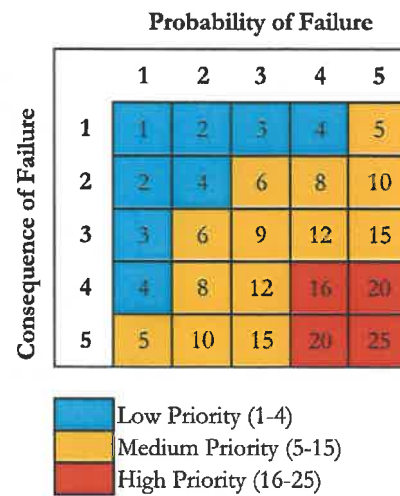


Figure 4. Business Risk Exposure - Priority Matrix

Based on the risk analysis, the Village's water main assets are predominately low or medium risk assets with a moderate percentage (29%) being high risk, as shown in Figure 5. The high-risk assets are predominately associated with older, larger diameter water main, because of the higher consequence of failure associated with larger diameter and increased probability of failure associated with lower remaining useful life.

While a high percentage of the Village's assets are categorized as low or medium risk assets, these assets will continue to degrade overtime and their condition will worsen, if no preservation measures are taken, which in turn will shift the distribution of the risk categories.

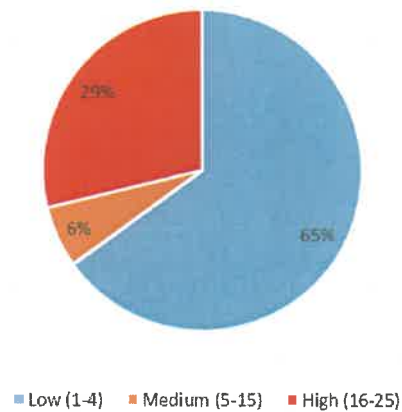


Figure 5. Water Main Business Risk Distribution

LEVEL OF SERVICE

Level of Service (LOS) defines the way in which the utility stakeholders want the utility to perform over the long term. The LOS plan was completed for the Village of Newberry and should become a fundamental part of how the utility is operated, through the setting of practical goals for the Village's water system. The complete LOS can be found in Appendix 2.

CAPITAL IMPROVEMENT PLAN

A capital improvement plan was completed as part of the asset management program. The Village is currently setting aside \$188,243 dollars per year for capital improvement projects. See notes above and enclosed capital improvement plan enclosed for details. The capital improvement program was developed based on a recent reliability study / general plan completed by the Village's Engineer, as well as system deficiencies noted by Village employees with the goal of saving a 50% down payment for most projects.

CAPITAL PROJECT	DESCRIPTION OF PROJECT	1-5 PRIORITY	ESTIMATED PROJECT COST	AMOUNT FUNDED BY RATES	COMPLETE IN YEAR	IS THIS YEAR FLEXIBLE?	MONEY RESERVED ANNUALLY
New Tower	Replacement 1637 tower		\$750,000	\$375,000	2031	Yes	\$ 26,786
Water Main Final Replacement	CP-1 E. Lima Street		\$1,202,715	\$601,358	2021	Yes	\$ 150,339
Well Rehab #4	CP-2 Newberry & B Street		\$631,260	\$315,630	2025	Yes	\$ 39,454
Well rehab #6	CP-3 John Street		\$325,126	\$162,563	2025	Yes	\$ 20,320
Well Rehab #7	WC-1 Well Back-Up Gen		\$100,000	\$100,000	2028	Yes	\$ 9,091
	MP-7 Water Meter Truck		\$40,000	\$40,000	2025	Yes	\$ 5,000

Additionally, the Village is currently setting aside \$21,000 for equipment replacement and \$60,000 funding depreciation. The Village also currently has multiple loans from the USDA – Rural Development office and is required to set aside \$88,300 in a repair, replacement and improvement fund.

5) Revenue Structure (See results of rate study at beginning of this report)

The Revenue Structure of this report contains the following items;

- OM&R Budget and Rate Evaluation for the entire water system.
- Amount in the replacement fund for current year and anticipated amount for upcoming years.
- Replacement fund of all assets with a useful life of 25 years or less;
- Expenditures for maintenance, corrective action and capital improvements
- Rate calculation demonstrating sufficient revenues to cover OM&R expenses,

Replacement money reserved annually is calculated using the replacement cost divided by the life of the equipment. The rehab money reserved annually is calculated using the rehab cost divided by the years between rehabilitations. The current reserve funds are sufficient to make up the difference between life of the equipment and years remaining. The anticipated annual replacement and rehabilitation expenditures have a two percent cost of living added in for each year.

Appendix 1.

Village of Newberry							2017
FINAL RATE ANALYSIS	ANNUAL BUDGET	PERCENT BASE RATE	BASE FIXED	COST PER 3/4" METER	CONSUMPTION PORTION	COST / UNIT OF WATER	
LABOR & BENEFITS	\$182,167	100%	\$182,167	\$13.80	\$0	\$0.00	
OPERATIONAL EXPENSES	\$88,300	100%	\$88,300	\$6.69	\$0	\$0.00	
LOANS, BONDS, INTEREST, ANNUAL PAYMENT	\$362,000	100%	\$362,000	\$27.42	\$0	\$0.00	
EQUIPMENT REPLACEMENT, GENERAL	\$21,000	100%	\$21,000	\$1.59	\$0	\$0.00	
CAPITAL IMPROVEMENT PROJECTS	\$188,243	100%	\$188,243	\$14.26	\$0	\$0.00	
DEPRECIATION FUND	\$60,000	100%	\$60,000	\$4.55	\$0	\$0.00	
USDA RURAL DEVELOPMENT RESERVE REQUIREMENTS	\$88,300	100%	\$88,300	\$6.69	\$0	\$0.00	
TOTAL \$	\$990,009		\$990,009	\$75.00	\$0	\$0.00	
PERCENT OF REVENUE			100%		0%		
NON OPERATING INCOME REDUCTION				\$ -		\$ -	
CALCULATED RATE - FOR 3/4" METER / REU PER MONTH				\$ 75.00	1,000 GAL.	\$ -	
TOTAL ANNUAL REU'S 13,200							
ANTICIPATED WATER/SEWER SOLD 38,412,000				CURRENT RATES \$7.50		\$9.25	
RESERVE PORTION OF BUDGET 36%				INCREASE OF \$67.50		(\$9.25)	
THE COST PER "UNIT / WATER" DOES INCLUDE INCLINING OR DECLINING RATES			RATE ADJUSTMENT GENERATES ADDITIONAL		\$535,698		
ARE ANY GALLONS INCLUDED WITH THIS CALCULATED BASE RATE ?							
IS BASE RATE PER REU - OR PER METER SIZE?			\$100 INCREASE GENERATES	\$13,200		\$38,412	

Appendix 2.

Level of Service

Village of Newberry

Level of Service Statement

Level of Service (LOS) defines the way in which the utility stakeholders want the utility to perform over the long term. The LOS plan below was completed and should become a fundamental part of how the utility is operated, through the setting of practical goals for the City's water system.

Areas	GOALS / OBJECTIVES	LEVEL OF SERVICE
Safe Drinking Water	All federal and state water quality regulations will be met	Perform all required monitoring
Health, Safety	To provide a safe and injury free work place	Conduct regular safety meetings No MIOSHA safety violations
Security	Secure all water installations from break ins / intrusions'	Make sure all water installations have at least one barrier of security
Operator certification	Must have operator in charge & backup operator on staff	The Village will maintain 4 certified operator at a minimum of S-3 and D-3 levels.
Customer complaints	To provide excellent customer service	All customer complaints will be investigated within 2 business days of reporting the complaint.

		Results of complaint will be reported to customer verbally, via the phone, in person, or in writing
Upcoming regulatory changes	Be aware of regulatory changes and comply with changes as they occur	Attend industry conferences and training sessions to stay abreast of changes and requirements Request annual meeting with local MDEQ representative to insure compliance
Response time	To provide excellent customer service	Customer emergency response time within 2 hours Customers will receive written notice 24 hours in advance of any planned interruption in service.
Wells -Supply water	Maintain all well related equipment. Focusing on preventative maintenance to prevent unscheduled breakdown	Wells will be inspected every two (2) Years by Well Specialist Documentation of all maintenance performed
Alternative Power Source	Goals - all wells have a permanent generator or back up power? - or portable generator - generator service contract Maintain all well buildings	Annual inspections of generators by outside professionals? Keep building painted, and clean
Quality Drinking Water	To provide high quality good tasting drinking water	Comply with MDEQ testing requirements

Distribution System**Distribution System Valves**

Exercise ALL water distribution valves on an annual program.

Provide adequate manpower to perform valve exercise program

Have written documentation of valve exercising

Insure that 99% of valves function properly

Fire Hydrants

Insure that 99% Of fire hydrants are in good working order

Water Main Flushing

Water mains will be flushed every three (3) Months

Provide adequate manpower to perform water main flushing

Have written documentation of water main / hydrant flushing

Under normal conditions, pressures will be maintained between 30 and 70 psi.

	<p>General System Maintenance</p> <p>The Village will strive to reduce water loss to below 17% (Currently at 28%)</p>	<p>Insure water rates and budget are adequate to provide manpower to perform valve exercising, hydrant maintenance, water main flushing and replacement if necessary</p>
--	---	--

<p>Water Storage</p>	<p>Maintain water tower for longer life span</p>	<p>Professionally inspect every five years for integrity Complete all maintenance as suggested in inspection reports</p> <p>Insure Rates and Budget are adequate to support major maintenance actives (painting) as recommended through inspection process</p> <p>All storage requirements will be met as indicated under MDEQ Reliability Study Guidelines</p>
-----------------------------	--	---

<p>Administrative</p>	<p>Provide excellent customer service Insure customers bills are accurate</p>	<p>Follow up on all complaints to insure a finite outcome Review any discrepancy</p>
------------------------------	---	--

<p>Financial</p>	<p>Be financially solvent & operate water system in the black including reserve funding</p>	<p>Review Water Rates every year.</p> <p>Adopt sufficient rates to meet adopted budget</p> <p>Insure adopted annual budget includes results of asset management program</p> <p>Maintain 188,000 dollars in reserve accounts at all times</p>
-------------------------	---	--

Rules and Regulations	Monitor & enforce	Update & review rules annually - Cross connections, Site sampling plan, Required Lab analysis, Consumer confidence report, Safety program,
------------------------------	-------------------	--

Cross Connections	Annually review cross connection program and update as needed Comply with adopted ordinance	Perform inspections as required with in house staff Attend seminars to keep staff up-to-date with any changes in rule.
--------------------------	--	---

Appendix 3. Village of Newberry Critical Water Users

Village of Newberry Critical Water Users List as of 12.17.19

Critical Users	Address
All St. Episcopal Church	314 W Truman
Christian Fellow SBC	314 E Truman
CLM Community Action	207 Newberry Ave
First Baptist Church	116 E McMillan
First Presbyterian Church	113 W John
Helen Newberry Joy Hospital	502 W Harrie Street
Luce County Ambulance Service	910 Washington Blvd
Luce County District Court	407 W Harrie St
Luce County Historical Society	411 W Harrie St
Luce County Housing Commission	113 W Helen
Luce County Parks & Rec	500 W Ave C
Luce County Road Commission Office	423 W McMillan
Luce County Sheriff Office	411 W Harrie St
McMillan Twp Board	405 Newberry Ave
Michigan State Police	7942 M 123
Newberry Assisted Living	7966 Pamela Lane
Newberry Fire Department	108 E Truman Blvd
Northwoods Home Nursing	500 W McMillan
Our Redeemer Church	802 Tahquamenon
Our Redeemer Church	321 W John
Rainbow's End	103 W John
River of Life Worship Ctr	1020 E Limits
St. Gregory Catholic Church	212 W Harrie
St. Gregory Rectory	111 W Harrie
Tahqua Senior Citizen Ctr	113 W Helen
Tahquamenon Area Schools	700 Newberry Ave
Teaching Family Home	7820 Co Rd 403
Trinity Lutheran Church	711 Newberry Ave
Trinity Lutheran Parsonage	111 E Ave B
United Methodist Church	110 W Harrie
US Post Office	216 E John
Village of Newberry	302 E McMillan
Village of Newberry- Electric Plant	307 E McMillan
Village of Newberry- Wastewater Treatment Plant	9698 M-123
Wisconsin Central (CN Rail)	100 E Railroad St

Elevated Water Tank 100,000 gallon elevated tank	302 E McMillan
---	----------------

Water System Asset Management Plan

Village of Newberry
302 E. McMillan Ave
Newberry, MI 49868



Date Prepared: 12/26/2019

Date Revised:

WATER MAIN CRITICALITY

Facility ID	Pipe Information			Consequence of Failure Factors					Probability of Failure Factors		Consequence of Failure	Probability of Failure	Business Risk Exposure
	Age (years)	Diameter (inches)	Length (feet)	Location	Network Position	Top Users	Diameter	Environment	% Remaining Useful Life	Break History			
WTM-001	UNK	12	190	5	n/a	5	5	1	0%	0	4	5	20
WTM-002	UNK	12	481	5	n/a	5	5	1	0%	0	4	5	20
WTM-034	UNK	12	485	5	n/a	4	5	1	0%	0	4	5	20
WTM-035	UNK	12	49.7	5	n/a	4	5	1	0%	0	4	5	20
WTM-037	UNK	12	6.1	5	n/a	4	5	1	0%	0	4	5	20
WTM-038	UNK	12	4.8	5	n/a	4	5	1	0%	0	4	5	20
WTM-039	UNK	12	378	5	n/a	4	5	1	0%	0	4	5	20
WTM-045	UNK	12	5.3	4	n/a	3	5	1	0%	0	4	5	20
WTM-047	UNK	12	15.8	4	n/a	3	5	1	0%	0	4	5	20
WTM-048	UNK	12	7.3	4	n/a	5	5	1	0%	0	4	5	20
WTM-049	UNK	12	51.8	4	n/a	5	5	1	0%	0	4	5	20
WTM-050	UNK	12	11.9	4	n/a	5	5	1	0%	0	4	5	20
WTM-051	UNK	12	47.5	4	n/a	5	5	1	0%	0	4	5	20
WTM-053	UNK	12	52.6	5	n/a	5	5	1	0%	0	4	5	20
WTM-054	UNK	12	10.7	4	n/a	5	5	1	0%	0	4	5	20
WTM-055	UNK	12	5.6	4	n/a	5	5	1	0%	0	4	5	20
WTM-056	UNK	12	5.3	4	n/a	5	5	1	0%	0	4	5	20
WTM-060	UNK	12	67.2	5	n/a	5	5	1	0%	0	4	5	20
WTM-061	UNK	12	5.9	4	n/a	5	5	1	0%	0	4	5	20
WTM-062	UNK	12	123	5	n/a	5	5	1	0%	0	4	5	20
WTM-077	UNK	12	25.3	4	n/a	3	5	1	0%	0	4	5	20
WTM-078	UNK	12	5.1	4	n/a	3	5	1	0%	0	4	5	20
WTM-085	UNK	12	263	5	n/a	5	5	1	0%	0	4	5	20
WTM-086	UNK	12	4.4	5	n/a	5	5	1	0%	0	4	5	20
WTM-087	UNK	12	375	5	n/a	5	5	1	0%	0	4	5	20
WTM-088	UNK	12	170	5	n/a	5	5	1	0%	0	4	5	20
WTM-089	UNK	12	6.7	5	n/a	5	5	1	0%	0	4	5	20
WTM-090	UNK	12	5.7	5	n/a	5	5	1	0%	0	4	5	20
WTM-091	UNK	12	17.2	5	n/a	5	5	1	0%	0	4	5	20
WTM-093	UNK	12	46.1	4	n/a	5	5	1	0%	0	4	5	20
WTM-094	UNK	12	7	4	n/a	5	5	1	0%	0	4	5	20
WTM-095	UNK	12	5.1	4	n/a	5	5	1	0%	0	4	5	20
WTM-103	UNK	12	7.3	5	n/a	4	5	1	0%	0	4	5	20
WTM-104	UNK	12	7.2	5	n/a	4	5	1	0%	0	4	5	20
WTM-105	UNK	12	5.2	4	n/a	3	5	1	0%	0	4	5	20
WTM-106	UNK	12	70.9	4	n/a	3	5	1	0%	0	4	5	20
WTM-107	UNK	12	4.8	4	n/a	3	5	1	0%	0	4	5	20
WTM-108	UNK	12	53.7	4	n/a	3	5	1	0%	0	4	5	20
WTM-109	UNK	12	126	4	n/a	5	5	1	0%	0	4	5	20
WTM-110	UNK	12	9.5	4	n/a	5	5	1	0%	0	4	5	20

WATER MAIN CRITICALITY													
Facility ID	Pipe Information			Consequence of Failure Factors					Probability of Failure Factors		Consequence of Failure	Probability of Failure	Business Risk Exposure
	Age (years)	Diameter (inches)	Length (feet)	Location	Network Position	Top Users	Diameter	Environment	% Remaining Useful Life	Break History			
WTM-111	UNK	12	86.9	4	n/a	5	5	1	0%	0	4	5	20
WTM-112	UNK	12	5	4	n/a	5	5	1	0%	0	4	5	20
WTM-113	UNK	12	2.8	4	n/a	5	5	1	0%	0	4	5	20
WTM-118	UNK	12	765	4	n/a	3	5	1	0%	0	4	5	20
WTM-156	UNK	12	13.2	4	n/a	3	5	1	0%	0	4	5	20
WTM-370	UNK	12	41.3	4	n/a	3	5	1	0%	0	4	5	20
WTM-478	UNK	12	658	3	n/a	5	5	5	0%	0	4	5	20
WTM-518	UNK	12	5.5	4	n/a	5	5	1	0%	0	4	5	20
WTM-519	UNK	12	5.5	4	n/a	5	5	1	0%	0	4	5	20
WTM-527	UNK	12	445	5	n/a	5	5	1	0%	0	4	5	20
WTM-528	UNK	12	3.6	5	n/a	5	5	1	0%	0	4	5	20
WTM-611	UNK	12	19.4	5	n/a	4	5	1	0%	0	4	5	20
WTM-612	UNK	12	7.1	5	n/a	4	5	1	0%	0	4	5	20
WTM-613	UNK	12	6.6	5	n/a	5	5	1	0%	0	4	5	20
WTM-614	UNK	12	6.5	5	n/a	5	5	1	0%	0	4	5	20
WTM-630	UNK	12	5.9	5	n/a	4	5	1	0%	0	4	5	20
WTM-638	UNK	12	6.9	4	n/a	5	5	1	0%	0	4	5	20
WTM-643	UNK	12	60.6	5	n/a	5	5	1	0%	0	4	5	20
WTM-644	UNK	12	3.6	5	n/a	5	5	1	0%	0	4	5	20
WTM-052	UNK	4	410	5	n/a	5	5	1	0%	0	4	5	20
WTM-537	UNK	6	297	5	n/a	5	4	1	0%	0	4	5	20
WTM-157	UNK	8	1087	3	n/a	4	3	5	0%	0	4	5	20
WTM-409	UNK	8	347	5	n/a	5	4	1	0%	0	4	5	20
WTM-128	UNK	10	445	3	n/a	5	4	1	0%	0	3	5	15
WTM-131	UNK	10	367	3	n/a	5	4	1	0%	0	3	5	15
WTM-639	UNK	10	130	4	n/a	5	4	1	0%	0	3	5	15
WTM-640	UNK	10	198	4	n/a	5	4	1	0%	0	3	5	15
WTM-641	UNK	10	141	4	n/a	5	4	1	0%	0	3	5	15
WTM-642	UNK	10	2.7	4	n/a	5	4	1	0%	0	3	5	15
WTM-654	UNK	10	172	3	n/a	5	4	1	0%	0	3	5	15
WTM-003	UNK	12	14.1	2	n/a	5	5	1	0%	0	3	5	15
WTM-005	UNK	12	131	2	n/a	5	5	1	0%	0	3	5	15
WTM-006	UNK	12	174	3	n/a	4	5	1	0%	0	3	5	15
WTM-010	UNK	12	9.8	3	n/a	5	5	1	0%	0	3	5	15
WTM-011	UNK	12	8.4	2	n/a	5	5	1	0%	0	3	5	15
WTM-012	UNK	12	5.8	3	n/a	5	5	1	0%	0	3	5	15
WTM-015	UNK	12	344	3	n/a	5	5	1	0%	0	3	5	15
WTM-016	UNK	12	10.9	3	n/a	5	5	1	0%	0	3	5	15
WTM-017	UNK	12	52.3	3	n/a	5	5	1	0%	0	3	5	15
WTM-018	UNK	12	10.4	3	n/a	5	5	1	0%	0	3	5	15
WTM-019	UNK	12	5.7	3	n/a	5	5	1	0%	0	3	5	15
WTM-020	UNK	12	22.8	3	n/a	5	5	1	0%	0	3	5	15
WTM-021	UNK	12	158	3	n/a	5	5	1	0%	0	3	5	15
WTM-022	UNK	12	9.5	2	n/a	5	5	1	0%	0	3	5	15
WTM-023	UNK	12	160	3	n/a	5	5	1	0%	0	3	5	15
WTM-025	UNK	12	11	3	n/a	5	5	1	0%	0	3	5	15
WTM-026	UNK	12	5.6	3	n/a	5	5	1	0%	0	3	5	15
WTM-027	UNK	12	590	3	n/a	5	5	1	0%	0	3	5	15
WTM-028	UNK	12	6	3	n/a	5	5	1	0%	0	3	5	15
WTM-030	UNK	12	44.5	3	n/a	5	5	1	0%	0	3	5	15
WTM-031	UNK	12	15.3	3	n/a	5	5	1	0%	0	3	5	15

WATER MAIN CRITICALITY													
Facility ID	Pipe Information			Consequence of Failure Factors					Probability of Failure Factors		Consequence of Failure	Probability of Failure	Business Risk Exposure
	Age (years)	Diameter (inches)	Length (feet)	Location	Network Position	Top Users	Diameter	Environment	% Remaining Useful Life	Break History			
WTM-032	UNK	12	7.1	3	n/a	5	5	1	0%	0	3	5	15
WTM-033	UNK	12	9.1	3	n/a	5	5	1	0%	0	3	5	15
WTM-043	UNK	12	317	3	n/a	5	5	1	0%	0	3	5	15
WTM-044	UNK	12	5.7	3	n/a	5	5	1	0%	0	3	5	15
WTM-046	UNK	12	6.9	3	n/a	3	5	1	0%	0	3	5	15
WTM-057	UNK	12	6	3	n/a	5	5	1	0%	0	3	5	15
WTM-058	UNK	12	4.1	3	n/a	5	5	1	0%	0	3	5	15
WTM-059	UNK	12	5.6	3	n/a	5	5	1	0%	0	3	5	15
WTM-063	UNK	12	15.8	2	n/a	5	5	1	0%	0	3	5	15
WTM-064	UNK	12	42.9	2	n/a	5	5	1	0%	0	3	5	15
WTM-065	UNK	12	14.3	2	n/a	5	5	1	0%	0	3	5	15
WTM-067	UNK	12	242	3	n/a	5	5	1	0%	0	3	5	15
WTM-068	UNK	12	8.6	2	n/a	5	5	1	0%	0	3	5	15
WTM-069	UNK	12	7.6	3	n/a	5	5	1	0%	0	3	5	15
WTM-070	UNK	12	33.9	3	n/a	5	5	1	0%	0	3	5	15
WTM-071	UNK	12	7.6	3	n/a	5	5	1	0%	0	3	5	15
WTM-072	UNK	12	4.9	3	n/a	5	5	1	0%	0	3	5	15
WTM-074	UNK	12	5.3	3	n/a	5	5	1	0%	0	3	5	15
WTM-075	UNK	12	24.8	3	n/a	5	5	1	0%	0	3	5	15
WTM-076	UNK	12	71.8	3	n/a	5	5	1	0%	0	3	5	15
WTM-079	UNK	12	639	3	n/a	5	5	1	0%	0	3	5	15
WTM-080	UNK	12	632	3	n/a	4	5	1	0%	0	3	5	15
WTM-081	UNK	12	259	3	n/a	4	5	1	0%	0	3	5	15
WTM-082	UNK	12	10.3	3	n/a	5	5	1	0%	0	3	5	15
WTM-084	UNK	12	12.3	3	n/a	5	5	1	0%	0	3	5	15
WTM-092	UNK	12	256	3	n/a	5	5	1	0%	0	3	5	15
WTM-096	UNK	12	55.9	2	n/a	5	5	1	0%	0	3	5	15
WTM-097	UNK	12	8.9	2	n/a	5	5	1	0%	0	3	5	15
WTM-098	UNK	12	5.6	3	n/a	4	5	1	0%	0	3	5	15
WTM-099	UNK	12	13.1	3	n/a	4	5	1	0%	0	3	5	15
WTM-100	UNK	12	7	3	n/a	2	5	1	0%	0	3	5	15
WTM-101	UNK	12	7	3	n/a	2	5	1	0%	0	3	5	15
WTM-102	UNK	12	6.4	3	n/a	2	5	1	0%	0	3	5	15
WTM-114	UNK	12	12.7	2	n/a	3	5	1	0%	0	3	5	15
WTM-115	UNK	12	5.1	2	n/a	3	5	1	0%	0	3	5	15
WTM-119	UNK	12	198	2	n/a	4	5	1	0%	0	3	5	15
WTM-121	UNK	12	618	4	n/a	1	5	1	0%	0	3	5	15
WTM-122	UNK	12	58.4	4	n/a	1	5	1	0%	0	3	5	15
WTM-123	UNK	12	7.5	4	n/a	1	5	1	0%	0	3	5	15
WTM-132	UNK	12	5	3	n/a	5	5	1	0%	0	3	5	15
WTM-133	UNK	12	42	3	n/a	5	5	1	0%	0	3	5	15
WTM-135	UNK	12	5	3	n/a	4	5	1	0%	0	3	5	15
WTM-136	UNK	12	5	3	n/a	4	5	1	0%	0	3	5	15
WTM-137	UNK	12	17.6	4	n/a	1	5	1	0%	0	3	5	15
WTM-138	UNK	12	5.4	4	n/a	1	5	1	0%	0	3	5	15
WTM-139	UNK	12	5	4	n/a	1	5	1	0%	0	3	5	15
WTM-140	UNK	12	9.9	3	n/a	5	5	1	0%	0	3	5	15
WTM-142	UNK	12	94.4	4	n/a	1	5	1	0%	0	3	5	15
WTM-143	UNK	12	5.2	4	n/a	1	5	1	0%	0	3	5	15
WTM-144	UNK	12	13.3	4	n/a	1	5	1	0%	0	3	5	15
WTM-145	UNK	12	4.8	4	n/a	1	5	1	0%	0	3	5	15

WATER MAIN CRITICALITY													
Facility ID	Pipe Information			Consequence of Failure Factors					Probability of Failure Factors		Consequence of Failure	Probability of Failure	Business Risk Exposure
	Age (years)	Diameter (inches)	Length (feet)	Location	Network Position	Top Users	Diameter	Environment	% Remaining Useful Life	Break History			
WTM-146	UNK	12	5.1	4	n/a	1	5	1	0%	0	3	5	15
WTM-160	UNK	12	4.1	3	n/a	5	5	1	0%	0	3	5	15
WTM-161	UNK	12	3.5	3	n/a	5	5	1	0%	0	3	5	15
WTM-179	UNK	12	40.8	3	n/a	5	5	1	0%	0	3	5	15
WTM-180	UNK	12	3.8	3	n/a	5	5	1	0%	0	3	5	15
WTM-181	UNK	12	39.9	3	n/a	5	5	1	0%	0	3	5	15
WTM-183	UNK	12	17	3	n/a	5	5	1	0%	0	3	5	15
WTM-184	UNK	12	4.3	3	n/a	5	5	1	0%	0	3	5	15
WTM-191	UNK	12	3	3	n/a	4	5	1	0%	0	3	5	15
WTM-194	UNK	12	274	3	n/a	5	5	1	0%	0	3	5	15
WTM-198	UNK	12	3.7	3	n/a	3	5	1	0%	0	3	5	15
WTM-199	UNK	12	3.8	3	n/a	3	5	1	0%	0	3	5	15
WTM-200	UNK	12	452	3	n/a	4	5	1	0%	0	3	5	15
WTM-301	UNK	12	3	3	n/a	3	5	1	0%	0	3	5	15
WTM-315	UNK	12	3.3	3	n/a	5	5	1	0%	0	3	5	15
WTM-316	UNK	12	3.3	3	n/a	5	5	1	0%	0	3	5	15
WTM-327	UNK	12	2	3	n/a	4	5	1	0%	0	3	5	15
WTM-328	UNK	12	2	3	n/a	4	5	1	0%	0	3	5	15
WTM-329	UNK	12	4	3	n/a	4	5	1	0%	0	3	5	15
WTM-330	UNK	12	4	3	n/a	4	5	1	0%	0	3	5	15
WTM-331	UNK	12	4	3	n/a	4	5	1	0%	0	3	5	15
WTM-332	UNK	12	6	3	n/a	4	5	1	0%	0	3	5	15
WTM-333	UNK	12	378	3	n/a	4	5	1	0%	0	3	5	15
WTM-334	UNK	12	52.5	3	n/a	4	5	1	0%	0	3	5	15
WTM-335	UNK	12	4	2	n/a	4	5	1	0%	0	3	5	15
WTM-336	UNK	12	8	2	n/a	4	5	1	0%	0	3	5	15
WTM-337	UNK	12	144	2	n/a	4	5	1	0%	0	3	5	15
WTM-338	UNK	12	5.7	3	n/a	3	5	1	0%	0	3	5	15
WTM-339	UNK	12	19.1	3	n/a	3	5	1	0%	0	3	5	15
WTM-384	UNK	12	38.8	3	n/a	5	5	1	0%	0	3	5	15
WTM-385	UNK	12	22	3	n/a	5	5	1	0%	0	3	5	15
WTM-386	UNK	12	4	3	n/a	4	5	1	0%	0	3	5	15
WTM-387	UNK	12	3.9	3	n/a	4	5	1	0%	0	3	5	15
WTM-388	UNK	12	18.4	3	n/a	4	5	1	0%	0	3	5	15
WTM-394	UNK	12	3.9	3	n/a	5	5	1	0%	0	3	5	15
WTM-395	UNK	12	3.5	3	n/a	5	5	1	0%	0	3	5	15
WTM-396	UNK	12	13.9	3	n/a	5	5	1	0%	0	3	5	15
WTM-397	UNK	12	3.9	3	n/a	5	5	1	0%	0	3	5	15
WTM-398	UNK	12	26.2	3	n/a	5	5	1	0%	0	3	5	15
WTM-400	UNK	12	138	3	n/a	5	5	1	0%	0	3	5	15
WTM-401	UNK	12	3.9	3	n/a	5	5	1	0%	0	3	5	15
WTM-402	UNK	12	20.9	3	n/a	5	5	1	0%	0	3	5	15
WTM-403	UNK	12	214	3	n/a	5	5	1	0%	0	3	5	15
WTM-469	UNK	12	325	3	n/a	5	5	1	0%	0	3	5	15
WTM-532	UNK	12	6.3	3	n/a	5	5	1	0%	0	3	5	15
WTM-533	UNK	12	4	2	n/a	5	5	1	0%	0	3	5	15
WTM-534	UNK	12	4.9	2	n/a	5	5	1	0%	0	3	5	15
WTM-547	UNK	12	2.2	3	n/a	5	5	1	0%	0	3	5	15
WTM-622	UNK	12	3.9	3	n/a	5	5	1	0%	0	3	5	15
WTM-631	UNK	12	8.6	3	n/a	4	5	1	0%	0	3	5	15
WTM-635	UNK	12	38.2	3	n/a	5	5	1	0%	0	3	5	15

WATER MAIN CRITICALITY													
Facility ID	Pipe Information			Consequence of Failure Factors					Probability of Failure Factors		Consequence of Failure	Probability of Failure	Business Risk Exposure
	Age (years)	Diameter (inches)	Length (feet)	Location	Network Position	Top Users	Diameter	Environment	% Remaining Useful Life	Break History			
WTM-636	UNK	12	3.4	3	n/a	5	5	1	0%	0	3	5	15
WTM-645	UNK	12	8.7	2	n/a	3	5	1	0%	0	3	5	15
WTM-646	UNK	12	6.2	3	n/a	4	5	1	0%	0	3	5	15
WTM-647	UNK	12	8	2	n/a	4	5	1	0%	0	3	5	15
WTM-648	UNK	12	4.5	2	n/a	4	5	1	0%	0	3	5	15
WTM-649	UNK	12	5.7	3	n/a	5	5	1	0%	0	3	5	15
WTM-650	UNK	12	3.7	3	n/a	5	5	1	0%	0	3	5	15
WTM-651	UNK	12	26.9	2	n/a	5	5	1	0%	0	3	5	15
WTM-652	UNK	12	72.5	2	n/a	5	5	1	0%	0	3	5	15
WTM-653	UNK	12	6.7	3	n/a	5	5	1	0%	0	3	5	15
WTM-655	UNK	12	52.4	4	n/a	1	5	1	0%	0	3	5	15
WTM-656	UNK	12	4.5	4	n/a	1	5	1	0%	0	3	5	15
WTM-657	UNK	12	4.4	4	n/a	1	5	1	0%	0	3	5	15
WTM-662	UNK	12	4.9	3	n/a	5	5	1	0%	0	3	5	15
WTM-663	UNK	12	5.7	3	n/a	5	5	1	0%	0	3	5	15
WTM-004	UNK	6	380	5	n/a	4	2	1	0%	0	3	5	15
WTM-036	UNK	6	380	5	n/a	5	2	1	0%	0	3	5	15
WTM-325	UNK	6	381	5	n/a	5	2	1	0%	0	3	5	15
WTM-008	UNK	8	940	3	n/a	5	3	1	0%	0	3	5	15
WTM-141	UNK	8	344	4	n/a	1	3	1	0%	0	3	5	15
WTM-264	UNK	8	721	3	n/a	5	3	1	0%	0	3	5	15
WTM-357	UNK	8	712	3	n/a	5	3	1	0%	1	3	5	15
WTM-147	UNK	12	240	1	n/a	2	5	1	0%	0	2	5	10
WTM-148	UNK	12	4.4	1	n/a	2	5	1	0%	0	2	5	10
WTM-149	UNK	12	5.1	1	n/a	2	5	1	0%	0	2	5	10
WTM-150	UNK	12	2	1	n/a	2	5	1	0%	0	2	5	10
WTM-151	UNK	12	2	1	n/a	2	5	1	0%	0	2	5	10
WTM-152	UNK	12	4	1	n/a	2	5	1	0%	0	2	5	10
WTM-153	UNK	12	5.2	1	n/a	2	5	1	0%	0	2	5	10
WTM-658	UNK	12	16.2	1	n/a	2	5	1	0%	0	2	5	10
WTM-659	UNK	12	2	1	n/a	2	5	1	0%	0	2	5	10
WTM-660	UNK	12	19	1	n/a	2	5	1	0%	0	2	5	10
WTM-502	UNK	4	189	3	n/a	5	1	1	0%	0	2	5	10
WTM-009	UNK	6	1012	3	n/a	5	2	1	0%	0	2	5	10
WTM-176	UNK	6	1003	3	n/a	4	2	1	0%	0	2	5	10
WTM-193	UNK	6	495	3	n/a	5	2	1	0%	0	2	5	10
WTM-627	UNK	6	2.3	3	n/a	5	2	1	0%	0	2	5	10
WTM-628	UNK	6	2.3	3	n/a	5	2	1	0%	0	2	5	10
WTM-066	UNK	8	399	3	n/a	2	3	1	0%	0	2	5	10
WTM-354	UNK	8	388	3	n/a	2	3	1	0%	0	2	5	10
WTM-419	UNK	8	345	3	n/a	1	3	1	0%	0	2	5	10
WTM-422	UNK	8	411	3	n/a	2	3	1	0%	0	2	5	10
WTM-196	4	10	706	5	n/a	3	4	1	96%	0	4	1	4
WTM-296	4	10	13	5	n/a	3	4	1	96%	0	4	1	4
WTM-356	4	10	3	5	n/a	5	4	1	96%	0	4	1	4
WTM-414	4	10	3	5	n/a	5	4	1	96%	0	4	1	4
WTM-501	4	10	53.3	5	n/a	5	4	1	96%	0	4	1	4
WTM-512	4	10	33.2	5	n/a	5	4	1	96%	0	4	1	4
WTM-559	4	10	1.5	5	n/a	5	4	1	96%	0	4	1	4
WTM-597	4	10	3.6	5	n/a	5	4	1	96%	0	4	1	4
WTM-598	4	10	46.3	5	n/a	5	4	1	96%	0	4	1	4

WATER MAIN CRITICALITY													
Facility ID	Pipe Information			Consequence of Failure Factors					Probability of Failure Factors		Consequence of Failure	Probability of Failure	Business Risk Exposure
	Age (years)	Diameter (inches)	Length (feet)	Location	Network Position	Top Users	Diameter	Environment	% Remaining Useful Life	Break History			
WTM-599	4	10	3.9	5	n/a	5	4	1	96%	0	4	1	4
WTM-295	4	12	111	5	n/a	3	5	1	96%	0	4	1	4
WTM-297	4	12	2.4	5	n/a	3	5	1	96%	0	4	1	4
WTM-483	4	12	4	5	n/a	5	5	1	96%	0	4	1	4
WTM-484	4	12	4.9	5	n/a	5	5	1	96%	0	4	1	4
WTM-524	4	12	4.2	4	n/a	3	5	1	96%	0	4	1	4
WTM-525	4	12	4.7	4	n/a	3	5	1	96%	0	4	1	4
WTM-591	4	12	4.2	4	n/a	3	5	1	96%	0	4	1	4
WTM-592	4	12	1258	4	n/a	3	5	1	96%	0	4	1	4
WTM-671	4	12	5.7	4	n/a	3	5	1	96%	0	4	1	4
WTM-493	4	8	332	3	n/a	4	3	5	96%	0	4	1	4
WTM-509	4	6	5.1	3	n/a	4	3	1	96%	0	3	1	3
WTM-007	4	10	303	3	n/a	5	4	1	96%	0	3	1	3
WTM-014	4	10	265	3	n/a	5	4	1	96%	0	3	1	3
WTM-029	4	10	188	3	n/a	5	4	1	96%	0	3	1	3
WTM-041	4	10	393	4	n/a	5	4	1	96%	0	3	1	3
WTM-042	4	10	267	4	n/a	5	4	1	96%	0	3	1	3
WTM-124	4	10	42.4	3	n/a	3	4	1	96%	0	3	1	3
WTM-126	4	10	424	3	n/a	4	4	1	96%	0	3	1	3
WTM-127	4	10	362	3	n/a	5	4	1	96%	0	3	1	3
WTM-129	4	10	5	3	n/a	5	4	1	96%	0	3	1	3
WTM-130	4	10	5	3	n/a	5	4	1	96%	0	3	1	3
WTM-154	4	10	728	4	n/a	5	4	1	96%	0	3	1	3
WTM-155	4	10	363	4	n/a	5	4	1	96%	0	3	1	3
WTM-158	4	10	3.4	3	n/a	4	4	1	96%	0	3	1	3
WTM-159	4	10	3.3	3	n/a	4	4	1	96%	0	3	1	3
WTM-162	4	10	241	3	n/a	5	4	1	96%	0	3	1	3
WTM-163	4	10	3.9	3	n/a	5	4	1	96%	0	3	1	3
WTM-164	4	10	8.4	3	n/a	5	4	1	96%	0	3	1	3
WTM-165	4	10	29.6	3	n/a	5	4	1	96%	0	3	1	3
WTM-170	4	10	286	3	n/a	3	4	1	96%	0	3	1	3
WTM-185	4	10	4.1	4	n/a	5	4	1	96%	0	3	1	3
WTM-187	4	10	28.9	4	n/a	5	4	1	96%	0	3	1	3
WTM-190	4	10	9.8	3	n/a	5	4	1	96%	0	3	1	3
WTM-192	4	10	397	3	n/a	5	4	1	96%	0	3	1	3
WTM-257	4	10	16.1	3	n/a	5	4	1	96%	0	3	1	3
WTM-260	4	10	8.1	3	n/a	5	4	1	96%	0	3	1	3
WTM-283	4	10	247	3	n/a	4	4	1	96%	0	3	1	3
WTM-284	4	10	509	3	n/a	5	4	1	96%	0	3	1	3
WTM-285	4	10	483	3	n/a	4	4	1	96%	0	3	1	3
WTM-286	4	10	401	3	n/a	3	4	1	96%	0	3	1	3
WTM-287	4	10	3	3	n/a	5	4	1	96%	0	3	1	3
WTM-289	4	10	3	3	n/a	5	4	1	96%	0	3	1	3
WTM-291	4	10	3	3	n/a	3	4	1	96%	0	3	1	3
WTM-293	4	10	3	3	n/a	3	4	1	96%	0	3	1	3
WTM-294	4	10	170	3	n/a	3	4	1	96%	0	3	1	3
WTM-318	4	10	3	3	n/a	5	4	1	96%	0	3	1	3
WTM-377	4	10	4	4	n/a	5	4	1	96%	0	3	1	3
WTM-378	4	10	3.5	4	n/a	5	4	1	96%	0	3	1	3
WTM-380	4	10	4.2	3	n/a	3	4	1	96%	0	3	1	3
WTM-391	4	10	9	3	n/a	5	4	1	96%	0	3	1	3

WATER MAIN CRITICALITY													
Facility ID	Pipe Information			Consequence of Failure Factors					Probability of Failure Factors		Consequence of Failure	Probability of Failure	Business Risk Exposure
	Age (years)	Diameter (inches)	Length (feet)	Location	Network Position	Top Users	Diameter	Environment	% Remaining Useful Life	Break History			
WTM-407	4	10	3	3	n/a	5	4	1	96%	0	3	1	3
WTM-408	4	10	3	3	n/a	5	4	1	96%	0	3	1	3
WTM-410	4	10	23.5	3	n/a	5	4	1	96%	0	3	1	3
WTM-517	4	10	556	3	n/a	5	4	1	96%	0	3	1	3
WTM-535	4	10	24.7	3	n/a	5	4	1	96%	0	3	1	3
WTM-536	4	10	3	3	n/a	5	4	1	96%	0	3	1	3
WTM-564	4	10	3.3	4	n/a	5	4	1	96%	0	3	1	3
WTM-565	4	10	4	4	n/a	5	4	1	96%	0	3	1	3
WTM-578	4	10	2.8	3	n/a	5	4	1	96%	0	3	1	3
WTM-583	4	10	3	3	n/a	5	4	1	96%	0	3	1	3
WTM-586	4	10	4	3	n/a	4	4	1	96%	0	3	1	3
WTM-587	4	10	11.9	3	n/a	4	4	1	96%	0	3	1	3
WTM-588	4	10	9.8	3	n/a	3	4	1	96%	0	3	1	3
WTM-589	4	10	37.1	3	n/a	3	4	1	96%	0	3	1	3
WTM-590	4	10	110	3	n/a	3	4	1	96%	0	3	1	3
WTM-600	4	10	4.3	3	n/a	5	4	1	96%	0	3	1	3
WTM-606	4	10	5	3	n/a	5	4	1	96%	0	3	1	3
WTM-607	4	10	15	3	n/a	5	4	1	96%	0	3	1	3
WTM-674	4	10	35.6	3	n/a	5	4	1	96%	0	3	1	3
WTM-678	4	10	663	3	n/a	3	4	1	96%	0	3	1	3
WTM-679	4	10	6.3	3	n/a	3	4	1	96%	0	3	1	3
WTM-013	4	12	424	3	n/a	5	5	1	96%	0	3	1	3
WTM-024	4	12	285	3	n/a	5	5	1	96%	0	3	1	3
WTM-040	4	12	375	3	n/a	5	5	1	96%	0	3	1	3
WTM-073	4	12	368	3	n/a	5	5	1	96%	0	3	1	3
WTM-117	4	12	438	1	n/a	4	5	1	96%	0	3	1	3
WTM-120	4	12	1080	1	n/a	4	5	1	96%	0	3	1	3
WTM-134	4	12	30	3	n/a	5	5	1	96%	0	3	1	3
WTM-169	4	12	43.2	3	n/a	3	5	1	96%	0	3	1	3
WTM-171	4	12	3.7	3	n/a	5	5	1	96%	0	3	1	3
WTM-172	4	12	2.9	3	n/a	5	5	1	96%	0	3	1	3
WTM-174	4	12	1.9	3	n/a	5	5	1	96%	0	3	1	3
WTM-175	4	12	8.5	3	n/a	4	5	1	96%	0	3	1	3
WTM-197	4	12	21.3	3	n/a	5	5	1	96%	0	3	1	3
WTM-204	4	12	14.2	3	n/a	4	5	1	96%	0	3	1	3
WTM-205	4	12	3.6	3	n/a	4	5	1	96%	0	3	1	3
WTM-222	4	12	3	3	n/a	5	5	1	96%	0	3	1	3
WTM-223	4	12	3	3	n/a	5	5	1	96%	0	3	1	3
WTM-226	4	12	511	3	n/a	5	5	1	96%	0	3	1	3
WTM-259	4	12	16.3	3	n/a	5	5	1	96%	0	3	1	3
WTM-305	4	12	3	3	n/a	5	5	1	96%	0	3	1	3
WTM-314	4	12	18.7	3	n/a	5	5	1	96%	0	3	1	3
WTM-317	4	12	744	3	n/a	5	5	1	96%	0	3	1	3
WTM-340	4	12	320	3	n/a	3	5	1	96%	0	3	1	3
WTM-358	4	12	9.5	3	n/a	4	5	1	96%	0	3	1	3
WTM-360	4	12	4.3	3	n/a	4	5	1	96%	0	3	1	3
WTM-361	4	12	14.4	3	n/a	4	5	1	96%	0	3	1	3
WTM-362	4	12	8.3	3	n/a	4	5	1	96%	0	3	1	3
WTM-363	4	12	5.4	3	n/a	4	5	1	96%	0	3	1	3
WTM-364	4	12	4.3	3	n/a	4	5	1	96%	0	3	1	3
WTM-365	4	12	746	3	n/a	4	5	1	96%	0	3	1	3
WTM-373	4	12	2.8	3	n/a	5	5	1	96%	0	3	1	3
WTM-389	4	12	3	3	n/a	5	5	1	96%	0	3	1	3

WATER MAIN CRITICALITY													
Facility ID	Pipe Information			Consequence of Failure Factors					Probability of Failure Factors		Consequence of Failure	Probability of Failure	Business Risk Exposure
	Age (years)	Diameter (inches)	Length (feet)	Location	Network Position	Top Users	Diameter	Environment	% Remaining Useful Life	Break History			
WTM-390	4	12	2	3	n/a	5	5	1	96%	0	3	1	3
WTM-430	4	12	4	3	n/a	2	5	1	96%	0	3	1	3
WTM-431	4	12	19	3	n/a	2	5	1	96%	0	3	1	3
WTM-432	4	12	4	3	n/a	1	5	1	96%	0	3	1	3
WTM-433	4	12	15.2	3	n/a	1	5	1	96%	0	3	1	3
WTM-436	4	12	3.9	3	n/a	1	5	1	96%	0	3	1	3
WTM-437	4	12	5.3	3	n/a	1	5	1	96%	0	3	1	3
WTM-440	4	12	4	3	n/a	5	5	1	96%	0	3	1	3
WTM-441	4	12	5.1	3	n/a	5	5	1	96%	0	3	1	3
WTM-442	4	12	4	3	n/a	5	5	1	96%	0	3	1	3
WTM-443	4	12	5.1	3	n/a	5	5	1	96%	0	3	1	3
WTM-444	4	12	4	3	n/a	5	5	1	96%	0	3	1	3
WTM-445	4	12	6.2	3	n/a	5	5	1	96%	0	3	1	3
WTM-448	4	12	4	3	n/a	5	5	1	96%	0	3	1	3
WTM-449	4	12	12	3	n/a	5	5	1	96%	0	3	1	3
WTM-452	4	12	7.6	3	n/a	5	5	1	96%	0	3	1	3
WTM-453	4	12	3.7	3	n/a	5	5	1	96%	0	3	1	3
WTM-454	4	12	4.1	3	n/a	4	5	1	96%	0	3	1	3
WTM-455	4	12	4.6	3	n/a	4	5	1	96%	0	3	1	3
WTM-457	4	12	3.8	3	n/a	4	5	1	96%	0	3	1	3
WTM-467	4	12	5	3	n/a	4	5	1	96%	0	3	1	3
WTM-468	4	12	5.9	3	n/a	4	5	1	96%	0	3	1	3
WTM-470	4	12	6.2	3	n/a	5	5	1	96%	0	3	1	3
WTM-471	4	12	4	3	n/a	4	5	1	96%	0	3	1	3
WTM-472	4	12	4.3	3	n/a	4	5	1	96%	0	3	1	3
WTM-481	4	12	4	3	n/a	5	5	1	96%	0	3	1	3
WTM-482	4	12	18.3	3	n/a	5	5	1	96%	0	3	1	3
WTM-485	4	12	5.7	3	n/a	5	5	1	96%	0	3	1	3
WTM-492	4	12	40	3	n/a	5	5	1	96%	0	3	1	3
WTM-497	4	12	3.7	3	n/a	5	5	1	96%	0	3	1	3
WTM-498	4	12	2	3	n/a	5	5	1	96%	0	3	1	3
WTM-504	4	12	3	3	n/a	4	5	1	96%	0	3	1	3
WTM-511	4	12	5.1	3	n/a	4	5	1	96%	0	3	1	3
WTM-520	4	12	4	3	n/a	5	5	1	96%	0	3	1	3
WTM-531	4	12	7.9	3	n/a	5	5	1	96%	0	3	1	3
WTM-540	4	12	14.5	3	n/a	5	5	1	96%	0	3	1	3
WTM-541	4	12	2.4	3	n/a	4	5	1	96%	0	3	1	3
WTM-545	4	12	2.5	3	n/a	4	5	1	96%	0	3	1	3
WTM-555	4	12	5.5	3	n/a	5	5	1	96%	0	3	1	3
WTM-568	4	12	3.3	3	n/a	5	5	1	96%	0	3	1	3
WTM-569	4	12	2.5	3	n/a	4	5	1	96%	0	3	1	3
WTM-575	4	12	9.8	3	n/a	5	5	1	96%	0	3	1	3
WTM-576	4	12	2.5	3	n/a	5	5	1	96%	0	3	1	3
WTM-579	4	12	3.8	3	n/a	5	5	1	96%	0	3	1	3
WTM-580	4	12	10.4	3	n/a	5	5	1	96%	0	3	1	3
WTM-584	4	12	3.9	3	n/a	5	5	1	96%	0	3	1	3
WTM-601	4	12	17.4	3	n/a	4	5	1	96%	0	3	1	3
WTM-608	4	12	10.8	3	n/a	5	5	1	96%	0	3	1	3
WTM-618	4	12	3	3	n/a	5	5	1	96%	0	3	1	3
WTM-623	4	12	3.3	3	n/a	5	5	1	96%	0	3	1	3
WTM-629	4	12	5.7	3	n/a	4	5	1	96%	0	3	1	3
WTM-632	4	12	2.6	3	n/a	4	5	1	96%	0	3	1	3
WTM-676	4	12	382	3	n/a	5	5	1	96%	0	3	1	3
WTM-083	4	8	222	5	n/a	5	3	1	96%	0	3	1	3
WTM-125	4	8	497	3	n/a	5	3	1	96%	0	3	1	3
WTM-167	4	8	6.1	3	n/a	4	3	1	96%	0	3	1	3
WTM-168	4	8	3.7	3	n/a	4	3	1	96%	0	3	1	3
WTM-173	4	8	2.9	3	n/a	5	3	1	96%	0	3	1	3
WTM-182	4	8	565	3	n/a	5	3	1	96%	0	3	1	3
WTM-186	4	8	3.9	4	n/a	5	3	1	96%	0	3	1	3

WATER MAIN CRITICALITY													
Facility ID	Pipe Information			Consequence of Failure Factors					Probability of Failure Factors		Consequence of Failure	Probability of Failure	Business Risk Exposure
	Age (years)	Diameter (inches)	Length (feet)	Location	Network Position	Top Users	Diameter	Environment	% Remaining Useful Life	Break History			
WTM-188	4	8	3.6	4	n/a	5	3	1	96%	0	3	1	3
WTM-189	4	8	351	4	n/a	5	3	1	96%	0	3	1	3
WTM-195	4	8	3.1	3	n/a	3	3	1	96%	0	3	1	3
WTM-203	4	8	35.5	3	n/a	4	3	1	96%	0	3	1	3
WTM-206	4	8	414	3	n/a	4	3	1	96%	0	3	1	3
WTM-207	4	8	3	3	n/a	4	3	1	96%	0	3	1	3
WTM-208	4	8	3	3	n/a	4	3	1	96%	0	3	1	3
WTM-209	4	8	470	3	n/a	4	3	1	96%	0	3	1	3
WTM-210	4	8	24.9	3	n/a	5	3	1	96%	0	3	1	3
WTM-211	4	8	22.8	3	n/a	4	3	1	96%	0	3	1	3
WTM-212	4	8	3	3	n/a	5	3	1	96%	0	3	1	3
WTM-213	4	8	3	3	n/a	5	3	1	96%	0	3	1	3
WTM-214	4	8	126	3	n/a	5	3	1	96%	0	3	1	3
WTM-215	4	8	193	3	n/a	5	3	1	96%	0	3	1	3
WTM-216	4	8	171	3	n/a	5	3	1	96%	0	3	1	3
WTM-217	4	8	27.2	3	n/a	4	3	1	96%	0	3	1	3
WTM-218	4	8	3	3	n/a	5	3	1	96%	0	3	1	3
WTM-219	4	8	3	3	n/a	4	3	1	96%	0	3	1	3
WTM-220	4	8	3	3	n/a	4	3	1	96%	0	3	1	3
WTM-221	4	8	494	3	n/a	5	3	1	96%	0	3	1	3
WTM-224	4	8	355	3	n/a	5	3	1	96%	0	3	1	3
WTM-225	4	8	3	3	n/a	4	3	1	96%	0	3	1	3
WTM-227	4	8	3	3	n/a	4	3	1	96%	0	3	1	3
WTM-228	4	8	3	3	n/a	5	3	1	96%	0	3	1	3
WTM-229	4	8	3	3	n/a	5	3	1	96%	0	3	1	3
WTM-230	4	8	468	3	n/a	5	3	1	96%	0	3	1	3
WTM-231	4	8	509	3	n/a	5	3	1	96%	0	3	1	3
WTM-232	4	8	650	3	n/a	5	3	1	96%	0	3	1	3
WTM-233	4	8	426	3	n/a	5	3	1	96%	0	3	1	3
WTM-234	4	8	334	3	n/a	5	3	1	96%	0	3	1	3
WTM-235	4	8	3	3	n/a	5	3	1	96%	0	3	1	3
WTM-236	4	8	3	3	n/a	5	3	1	96%	0	3	1	3
WTM-237	4	8	3	3	n/a	5	3	1	96%	0	3	1	3
WTM-238	4	8	22.7	3	n/a	5	3	1	96%	0	3	1	3
WTM-239	4	8	13.8	3	n/a	5	3	1	96%	0	3	1	3
WTM-240	4	8	374	3	n/a	5	3	1	96%	0	3	1	3
WTM-241	4	8	358	3	n/a	5	3	1	96%	0	3	1	3
WTM-242	4	8	282	3	n/a	5	3	1	96%	0	3	1	3
WTM-243	4	8	358	3	n/a	5	3	1	96%	0	3	1	3
WTM-244	4	8	33.9	3	n/a	5	3	1	96%	0	3	1	3
WTM-245	4	8	3	3	n/a	5	3	1	96%	0	3	1	3
WTM-246	4	8	168	3	n/a	5	3	1	96%	0	3	1	3
WTM-247	4	8	3	3	n/a	5	3	1	96%	0	3	1	3
WTM-248	4	8	190	3	n/a	5	3	1	96%	0	3	1	3
WTM-249	4	8	370	3	n/a	5	3	1	96%	0	3	1	3
WTM-250	4	8	3	3	n/a	5	3	1	96%	0	3	1	3
WTM-251	4	8	3	3	n/a	5	3	1	96%	0	3	1	3
WTM-252	4	8	386	4	n/a	5	3	1	96%	0	3	1	3
WTM-253	4	8	3	3	n/a	5	3	1	96%	0	3	1	3
WTM-254	4	8	3	3	n/a	5	3	1	96%	0	3	1	3
WTM-255	4	8	491	5	n/a	5	3	1	96%	0	3	1	3
WTM-256	4	8	453	3	n/a	5	3	1	96%	0	3	1	3
WTM-258	4	8	598	3	n/a	5	3	1	96%	0	3	1	3
WTM-261	4	8	3	3	n/a	5	3	1	96%	0	3	1	3
WTM-262	4	8	396	3	n/a	5	3	1	96%	0	3	1	3
WTM-263	4	8	3	3	n/a	5	3	1	96%	0	3	1	3
WTM-265	4	8	2	3	n/a	5	3	1	96%	0	3	1	3
WTM-266	4	8	610	3	n/a	3	3	1	96%	0	3	1	3
WTM-267	4	8	650	3	n/a	4	3	1	96%	0	3	1	3
WTM-268	4	8	305	3	n/a	4	3	1	96%	0	3	1	3

WATER MAIN CRITICALITY													
Facility ID	Pipe Information			Consequence of Failure Factors					Probability of Failure Factors		Consequence of Failure	Probability of Failure	Business Risk Exposure
	Age (years)	Diameter (inches)	Length (feet)	Location	Network Position	Top Users	Diameter	Environment	% Remaining Useful Life	Break History			
WTM-269	4	8	610	3	n/a	3	3	1	96%	0	3	1	3
WTM-272	4	8	336	4	n/a	5	3	1	96%	0	3	1	3
WTM-273	4	8	327	3	n/a	5	3	1	96%	0	3	1	3
WTM-274	4	8	417	3	n/a	5	3	1	96%	0	3	1	3
WTM-275	4	8	322	3	n/a	4	3	1	96%	0	3	1	3
WTM-276	4	8	17.6	3	n/a	4	3	1	96%	0	3	1	3
WTM-277	4	8	331	3	n/a	4	3	1	96%	0	3	1	3
WTM-278	4	8	363	3	n/a	5	3	1	96%	0	3	1	3
WTM-279	4	8	534	3	n/a	5	3	1	96%	0	3	1	3
WTM-280	4	8	417	3	n/a	4	3	1	96%	0	3	1	3
WTM-282	4	8	316	3	n/a	5	3	1	96%	0	3	1	3
WTM-288	4	8	3	3	n/a	5	3	1	96%	0	3	1	3
WTM-290	4	8	45.4	3	n/a	5	3	1	96%	0	3	1	3
WTM-292	4	8	3	3	n/a	3	3	1	96%	0	3	1	3
WTM-298	4	8	6	3	n/a	4	3	1	96%	0	3	1	3
WTM-299	4	8	5.8	3	n/a	4	3	1	96%	0	3	1	3
WTM-300	4	8	375	3	n/a	4	3	1	96%	0	3	1	3
WTM-302	4	8	367	3	n/a	3	3	1	96%	0	3	1	3
WTM-304	4	8	340	3	n/a	4	3	1	96%	0	3	1	3
WTM-306	4	8	389	3	n/a	4	3	1	96%	0	3	1	3
WTM-307	4	8	320	4	n/a	5	3	1	96%	0	3	1	3
WTM-308	4	8	86.2	3	n/a	3	3	1	96%	0	3	1	3
WTM-309	4	8	3	3	n/a	5	3	1	96%	0	3	1	3
WTM-310	4	8	3	3	n/a	5	3	1	96%	0	3	1	3
WTM-311	4	8	3	3	n/a	5	3	1	96%	0	3	1	3
WTM-312	4	8	3.1	3	n/a	3	3	1	96%	0	3	1	3
WTM-313	4	8	15.2	3	n/a	5	3	1	96%	0	3	1	3
WTM-319	4	8	3	3	n/a	5	3	1	96%	0	3	1	3
WTM-320	4	8	3	3	n/a	5	3	1	96%	0	3	1	3
WTM-321	4	8	369	3	n/a	5	3	1	96%	0	3	1	3
WTM-322	4	8	3	3	n/a	4	3	1	96%	0	3	1	3
WTM-323	4	8	3	3	n/a	4	3	1	96%	0	3	1	3
WTM-324	4	8	3	3	n/a	4	3	1	96%	0	3	1	3
WTM-326	4	8	3.4	3	n/a	4	3	1	96%	0	3	1	3
WTM-342	4	8	7.3	3	n/a	3	3	1	96%	0	3	1	3
WTM-345	4	8	311	3	n/a	3	3	1	96%	0	3	1	3
WTM-346	4	8	475	3	n/a	3	3	1	96%	0	3	1	3
WTM-347	4	8	3	3	n/a	3	3	1	96%	0	3	1	3
WTM-348	4	8	3	3	n/a	3	3	1	96%	0	3	1	3
WTM-349	4	8	3	3	n/a	3	3	1	96%	0	3	1	3
WTM-350	4	8	3	3	n/a	3	3	1	96%	0	3	1	3
WTM-352	4	8	3	3	n/a	3	3	1	96%	0	3	1	3
WTM-355	4	8	3	5	n/a	5	3	1	96%	0	3	1	3
WTM-367	4	8	344	3	n/a	5	3	1	96%	0	3	1	3
WTM-368	4	8	5.9	3	n/a	3	3	1	96%	0	3	1	3
WTM-369	4	8	277	4	n/a	3	3	1	96%	0	3	1	3
WTM-371	4	8	51.3	3	n/a	4	3	1	96%	0	3	1	3
WTM-372	4	8	48.8	3	n/a	5	3	1	96%	0	3	1	3
WTM-374	4	8	4.6	3	n/a	5	3	1	96%	0	3	1	3
WTM-375	4	8	2.2	4	n/a	5	3	1	96%	0	3	1	3
WTM-376	4	8	2.7	4	n/a	5	3	1	96%	0	3	1	3
WTM-381	4	8	196	3	n/a	4	3	1	96%	0	3	1	3
WTM-382	4	8	3	3	n/a	4	3	1	96%	0	3	1	3
WTM-383	4	8	3	3	n/a	4	3	1	96%	0	3	1	3
WTM-393	4	8	357	3	n/a	5	3	1	96%	0	3	1	3
WTM-399	4	8	388	3	n/a	5	3	1	96%	0	3	1	3
WTM-404	4	8	5.7	3	n/a	4	3	1	96%	0	3	1	3
WTM-405	4	8	388	3	n/a	5	3	1	96%	0	3	1	3
WTM-406	4	8	3	3	n/a	5	3	1	96%	0	3	1	3
WTM-411	4	8	3	3	n/a	5	3	1	96%	0	3	1	3

WATER MAIN CRITICALITY													
Facility ID	Pipe Information			Consequence of Failure Factors					Probability of Failure Factors		Consequence of Failure	Probability of Failure	Business Risk Exposure
	Age (years)	Diameter (inches)	Length (feet)	Location	Network Position	Top Users	Diameter	Environment	% Remaining Useful Life	Break History			
WTM-412	4	8	3	3	n/a	5	3	1	96%	0	3	1	3
WTM-413	4	8	88.6	5	n/a	5	3	1	96%	0	3	1	3
WTM-415	4	8	74.4	3	n/a	5	3	1	96%	0	3	1	3
WTM-429	4	8	421	3	n/a	5	3	1	96%	0	3	1	3
WTM-464	4	8	4.6	3	n/a	4	3	1	96%	0	3	1	3
WTM-465	4	8	6.6	3	n/a	4	3	1	96%	0	3	1	3
WTM-466	4	8	171	3	n/a	4	3	1	96%	0	3	1	3
WTM-477	4	8	309	3	n/a	5	3	1	96%	0	3	1	3
WTM-488	4	8	124	3	n/a	5	3	1	96%	0	3	1	3
WTM-489	4	8	67.2	3	n/a	4	3	1	96%	0	3	1	3
WTM-494	4	8	2.6	3	n/a	5	3	1	96%	0	3	1	3
WTM-495	4	8	171	5	n/a	5	3	1	96%	0	3	1	3
WTM-496	4	8	3	3	n/a	5	3	1	96%	0	3	1	3
WTM-505	4	8	244	3	n/a	4	3	1	96%	0	3	1	3
WTM-513	4	8	3.2	3	n/a	4	3	1	96%	0	3	1	3
WTM-514	4	8	2.7	3	n/a	4	3	1	96%	0	3	1	3
WTM-521	4	8	415	3	n/a	4	3	1	96%	0	3	1	3
WTM-526	4	8	28.3	4	n/a	3	3	1	96%	0	3	1	3
WTM-529	4	8	402	3	n/a	5	3	1	96%	0	3	1	3
WTM-530	4	8	354	3	n/a	5	3	1	96%	0	3	1	3
WTM-538	4	8	106	5	n/a	5	3	1	96%	0	3	1	3
WTM-542	4	8	3	3	n/a	5	3	1	96%	0	3	1	3
WTM-543	4	8	22.5	3	n/a	5	3	1	96%	0	3	1	3
WTM-544	4	8	11.3	3	n/a	5	3	1	96%	0	3	1	3
WTM-546	4	8	134	3	n/a	4	3	1	96%	0	3	1	3
WTM-548	4	8	34	3	n/a	5	3	1	96%	0	3	1	3
WTM-549	4	8	42	3	n/a	5	3	1	96%	0	3	1	3
WTM-550	4	8	3	3	n/a	4	3	1	96%	0	3	1	3
WTM-551	4	8	9.9	3	n/a	4	3	1	96%	0	3	1	3
WTM-552	4	8	28.3	3	n/a	5	3	1	96%	0	3	1	3
WTM-553	4	8	3.4	3	n/a	5	3	1	96%	0	3	1	3
WTM-554	4	8	3.2	3	n/a	5	3	1	96%	0	3	1	3
WTM-556	4	8	10.5	3	n/a	5	3	1	96%	0	3	1	3
WTM-557	4	8	25.6	3	n/a	5	3	1	96%	0	3	1	3
WTM-558	4	8	2.7	5	n/a	5	3	1	96%	0	3	1	3
WTM-560	4	8	374	3	n/a	5	3	1	96%	0	3	1	3
WTM-561	4	8	6	3	n/a	5	3	1	96%	0	3	1	3
WTM-562	4	8	12.5	3	n/a	5	3	1	96%	0	3	1	3
WTM-563	4	8	3	3	n/a	5	3	1	96%	0	3	1	3
WTM-566	4	8	39.7	3	n/a	4	3	1	96%	0	3	1	3
WTM-567	4	8	2.8	3	n/a	4	3	1	96%	0	3	1	3
WTM-570	4	8	3.3	3	n/a	5	3	1	96%	0	3	1	3
WTM-571	4	8	29.7	3	n/a	4	3	1	96%	0	3	1	3
WTM-572	4	8	32.8	3	n/a	4	3	1	96%	0	3	1	3
WTM-573	4	8	27.4	3	n/a	4	3	1	96%	0	3	1	3
WTM-574	4	8	14.4	3	n/a	5	3	1	96%	0	3	1	3
WTM-577	4	8	47.6	3	n/a	4	3	1	96%	0	3	1	3
WTM-582	4	8	132	5	n/a	5	3	1	96%	0	3	1	3
WTM-593	4	8	11.7	3	n/a	4	3	1	96%	0	3	1	3
WTM-594	4	8	13.6	3	n/a	5	3	1	96%	0	3	1	3
WTM-595	4	8	318	5	n/a	5	3	1	96%	0	3	1	3
WTM-596	4	8	4	3	n/a	5	3	1	96%	0	3	1	3
WTM-602	4	8	13	3	n/a	3	3	1	96%	0	3	1	3
WTM-605	4	8	3.4	3	n/a	4	3	1	96%	0	3	1	3
WTM-609	4	8	35.8	3	n/a	5	3	1	96%	0	3	1	3
WTM-610	4	8	10.9	3	n/a	5	3	1	96%	0	3	1	3
WTM-615	4	8	3	3	n/a	5	3	1	96%	0	3	1	3
WTM-616	4	8	3	3	n/a	4	3	1	96%	0	3	1	3
WTM-617	4	8	3	3	n/a	5	3	1	96%	0	3	1	3
WTM-619	4	8	3	3	n/a	4	3	1	96%	0	3	1	3

WATER MAIN CRITICALITY													
Facility ID	Pipe Information			Consequence of Failure Factors					Probability of Failure Factors		Consequence of Failure	Probability of Failure	Business Risk Exposure
	Age (years)	Diameter (inches)	Length (feet)	Location	Network Position	Top Users	Diameter	Environment	% Remaining Useful Life	Break History			
WTM-620	4	8	17.3	3	n/a	4	3	1	96%	0	3	1	3
WTM-621	4	8	3	3	n/a	5	3	1	96%	0	3	1	3
WTM-624	4	8	367	3	n/a	4	3	1	96%	0	3	1	3
WTM-625	4	8	2.8	3	n/a	4	3	1	96%	0	3	1	3
WTM-626	4	8	3	3	n/a	5	3	1	96%	0	3	1	3
WTM-633	4	8	4	3	n/a	4	3	1	96%	0	3	1	3
WTM-634	4	8	2	3	n/a	5	3	1	96%	0	3	1	3
WTM-637	4	8	12.1	5	n/a	5	3	1	96%	0	3	1	3
WTM-664	4	8	6.3	3	n/a	5	3	1	96%	0	3	1	3
WTM-665	4	8	3	3	n/a	5	3	1	96%	0	3	1	3
WTM-666	4	8	2.6	3	n/a	5	3	1	96%	0	3	1	3
WTM-667	4	8	11	3	n/a	4	3	1	96%	0	3	1	3
WTM-668	4	8	3	3	n/a	5	3	1	96%	0	3	1	3
WTM-669	4	8	3.9	3	n/a	4	3	1	96%	0	3	1	3
WTM-670	4	8	3	3	n/a	5	3	1	96%	0	3	1	3
WTM-673	4	8	313	3	n/a	5	3	1	96%	0	3	1	3
WTM-675	4	8	3.4	3	n/a	4	3	1	96%	0	3	1	3
WTM-677	4	8	2.4	3	n/a	5	3	1	96%	0	3	1	3
WTM-680	4	8	3	3	n/a	5	3	1	96%	0	3	1	3
WTM-506	4	1	39.8	3	n/a	4	1	1	96%	0	2	1	2
WTM-507	4	1	199	3	n/a	4	1	1	96%	0	2	1	2
WTM-116	4	6	801	3	n/a	4	2	1	96%	0	2	1	2
WTM-166	4	6	13.3	3	n/a	5	2	1	96%	0	2	1	2
WTM-177	4	6	6.6	3	n/a	4	2	1	96%	0	2	1	2
WTM-178	4	6	2.8	3	n/a	4	2	1	96%	0	2	1	2
WTM-201	4	6	12.6	3	n/a	4	2	1	96%	0	2	1	2
WTM-202	4	6	2.8	3	n/a	4	2	1	96%	0	2	1	2
WTM-281	4	6	405	3	n/a	5	2	1	96%	0	2	1	2
WTM-303	4	6	3	3	n/a	4	2	1	96%	0	2	1	2
WTM-341	4	6	3	3	n/a	3	2	1	96%	0	2	1	2
WTM-359	4	6	3.8	3	n/a	4	2	1	96%	0	2	1	2
WTM-366	4	6	28.3	3	n/a	4	2	1	96%	0	2	1	2
WTM-392	4	6	3.6	3	n/a	5	2	1	96%	0	2	1	2
WTM-434	4	6	7.8	3	n/a	2	2	1	96%	0	2	1	2
WTM-435	4	6	11.8	3	n/a	2	2	1	96%	0	2	1	2
WTM-438	4	6	30	3	n/a	3	2	1	96%	0	2	1	2
WTM-439	4	6	4	3	n/a	3	2	1	96%	0	2	1	2
WTM-446	4	6	3.1	3	n/a	5	2	1	96%	0	2	1	2
WTM-447	4	6	15.9	3	n/a	5	2	1	96%	0	2	1	2
WTM-450	4	6	4	3	n/a	5	2	1	96%	0	2	1	2
WTM-451	4	6	12	3	n/a	5	2	1	96%	0	2	1	2
WTM-456	4	6	14	3	n/a	5	2	1	96%	0	2	1	2
WTM-458	4	6	4	3	n/a	4	2	1	96%	0	2	1	2
WTM-459	4	6	9.5	3	n/a	4	2	1	96%	0	2	1	2
WTM-460	4	6	4	3	n/a	4	2	1	96%	0	2	1	2
WTM-461	4	6	5.2	3	n/a	4	2	1	96%	0	2	1	2
WTM-462	4	6	4	3	n/a	5	2	1	96%	0	2	1	2
WTM-463	4	6	8	3	n/a	5	2	1	96%	0	2	1	2
WTM-473	4	6	4.1	3	n/a	3	2	1	96%	0	2	1	2
WTM-474	4	6	3.8	3	n/a	3	2	1	96%	0	2	1	2
WTM-475	4	6	4	3	n/a	3	2	1	96%	0	2	1	2
WTM-476	4	6	4.8	3	n/a	3	2	1	96%	0	2	1	2
WTM-479	4	6	4	3	n/a	5	2	1	96%	0	2	1	2
WTM-480	4	6	27.1	3	n/a	5	2	1	96%	0	2	1	2
WTM-486	4	6	4	3	n/a	4	2	1	96%	0	2	1	2
WTM-487	4	6	10.1	3	n/a	4	2	1	96%	0	2	1	2
WTM-490	4	6	27.6	3	n/a	2	2	1	96%	0	2	1	2
WTM-491	4	6	4.1	3	n/a	2	2	1	96%	0	2	1	2
WTM-499	4	6	39.6	3	n/a	3	2	1	96%	0	2	1	2
WTM-500	4	6	3	3	n/a	3	2	1	96%	0	2	1	2

WATER MAIN CRITICALITY													
Facility ID	Pipe Information			Consequence of Failure Factors					Probability of Failure Factors		Consequence of Failure	Probability of Failure	Business Risk Exposure
	Age (years)	Diameter (inches)	Length (feet)	Location	Network Position	Top Users	Diameter	Environment	% Remaining Useful Life	Break History			
WTM-503	4	6	32.3	3	n/a	3	2	1	96%	0	2	1	2
WTM-508	4	6	19	3	n/a	4	2	1	96%	0	2	1	2
WTM-510	4	6	10.9	3	n/a	4	2	1	96%	0	2	1	2
WTM-515	4	6	4	3	n/a	4	2	1	96%	0	2	1	2
WTM-516	4	6	24.6	3	n/a	4	2	1	96%	0	2	1	2
WTM-522	4	6	4.9	3	n/a	5	2	1	96%	0	2	1	2
WTM-523	4	6	17	3	n/a	5	2	1	96%	0	2	1	2
WTM-539	4	6	14.7	3	n/a	5	2	1	96%	0	2	1	2
WTM-581	4	6	5.8	3	n/a	5	2	1	96%	0	2	1	2
WTM-585	4	6	5.5	3	n/a	4	2	1	96%	0	2	1	2
WTM-672	4	6	17.7	3	n/a	5	2	1	96%	0	2	1	2
WTM-270	4	8	403	3	n/a	2	3	1	96%	0	2	1	2
WTM-271	4	8	568	3	n/a	2	3	1	96%	0	2	1	2
WTM-343	4	8	553	3	n/a	2	3	1	96%	0	2	1	2
WTM-344	4	8	11	3	n/a	2	3	1	96%	0	2	1	2
WTM-351	4	8	3	3	n/a	2	3	1	96%	0	2	1	2
WTM-353	4	8	3	3	n/a	1	3	1	96%	0	2	1	2
WTM-416	4	8	3	3	n/a	1	3	1	96%	0	2	1	2
WTM-417	4	8	3	3	n/a	1	3	1	96%	0	2	1	2
WTM-418	4	8	3	3	n/a	1	3	1	96%	0	2	1	2
WTM-420	4	8	3	3	n/a	1	3	1	96%	0	2	1	2
WTM-421	4	8	3	3	n/a	1	3	1	96%	0	2	1	2
WTM-423	4	8	3	3	n/a	2	3	1	96%	0	2	1	2
WTM-424	4	8	3	3	n/a	2	3	1	96%	0	2	1	2
WTM-425	4	8	3	3	n/a	2	3	1	96%	0	2	1	2
WTM-426	4	8	3	3	n/a	2	3	1	96%	0	2	1	2
WTM-427	4	8	3	3	n/a	2	3	1	96%	0	2	1	2
WTM-428	4	8	3	3	n/a	2	3	1	96%	0	2	1	2
WTM-603	4	8	42.2	3	n/a	2	3	1	96%	0	2	1	2
WTM-604	4	8	38.1	3	n/a	1	3	1	96%	0	2	1	2
WTM-661	4	8	55.6	3	n/a	1	3	1	96%	0	2	1	2
WTM-379	4	2	451	1	n/a	3	1	1	96%	0	1	1	1

Date: 9/30/2005

Delivered: 9/30/2005

Yearly Debt Service

1

Village of Newberry

2005 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 #
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)	4.1251880
Net Interest Cost (NIC).....	4.1249999	Arbitrage Net Interest Cost (ANIC).....	4.1250000

Prepared by: Click on the UserOps speed button to
Prepared on: 11/16/2017 12:12 1695 Rpt 24c

Mun-EamElevateMainDb
NEWBERRY-2005-A

Dated: 3/20/2009 Yearly Debt Service 1
 Delivend: 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	Cnsip #
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)	4.1251269	Arbitrage Yield Limit (AYL)	4.1251335
Net Interest Cost (NIC)	4.1249920	Arbitrage Net Interest Cost (ANIC)	4.1250000

Prepared by: Click on the UserOps speed button to
 Prepared on: 11/16/2017 12:25 1695 Rpt 24s

:Mun-EasElevateMainDb
 NEWBERRY-2009-A

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

Prepared by: Click on the UserOps speed button to
 Prepared on: 11/16/2017 12:13 1695 Rpl 24e

Mun-EaseElevateMainDb
 NEWBERRY-2014-B

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	67,721.50
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	72,850.00
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	71,430.00
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
ACCURED	885,000.00		523,937.50	1,408,937.50	
	885,000.00		3,221.56	3,221.56	
			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		Purchase Price	
Dated Date:	9/30/2003	Par Amount	\$965,000.00
Closing Date:	9/30/2003	Net Premium (Discount)	(7,737.15)
Structure:	Serial 04-23	Gross Proceeds	\$957,262.85
Call Features:	11/1/13 @ 100		
Arbitrage Yield:	4.63554%	Underwriter's Discount	(7,147.23)
Maximum Annual Debt Service:	\$77,175	Authority's Cost of Issuance	(9,356.06)
Weighted Avg Maturity of 2003B Bonds:	11.962 years	Deposit to Escrow ⁽¹⁾	(357,506.25)
		Purchase Price *	\$583,251.31

Refunding Results of Series 1991B Bonds		* Including:	
Par amount of Refunded Bonds:	\$345,000.00	Project Fund ⁽²⁾	\$580,000.00
Maturity of Refunded Bonds:	2003-2010	Local Cost of Issuance ⁽²⁾	\$0.00
Net PV Savings as % of Refunded Bonds	14.21892%	Additional Proceeds ⁽²⁾	\$3,251.31
Net PV Savings:	\$49,855.27		

Debt Service Schedule					
Payment Date	Principal	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	73,530.47
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	73,895.00
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	76,680.00
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	76,180.00
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	76,630.00
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
	\$65,000.00	\$31,601.97	\$31,601.97	\$31,601.97	\$31,601.97

(1) Gross funding of the escrow to call \$345,000 Newberry's loan issued through MABA LGLP Series 1991B on 11/1/2013 at par
(2) To be wired to escrow(s) designated by the Borrower upon closing.

2005 Electric Bond

Oct 13 05 10:16a

TT

517-33-6252

P.2

Village of Newberry Electric Utility System Revenue Bonds, Series 2005 \$985,000

DEBT SERVICE SCHEDULE

DELIVERY DATE: 10/27/ 5

DATE	PRINCIPAL	COUPON	INTEREST	PERIOD TOTAL	FISCAL TOTAL
5/ 1/ 6			22,825.83	22,825.83	
11/ 1/ 6	50,000.00	3.000000	19,565.00	69,565.00	92,390.83
5/ 1/ 7			18,815.00	18,815.00	
11/ 1/ 7	50,000.00	3.100000	18,815.00	68,815.00	87,630.00
5/ 1/ 8			18,040.00	18,040.00	
11/ 1/ 8	50,000.00	3.250000	18,040.00	68,040.00	86,080.00
5/ 1/ 9			17,227.50	17,227.50	
11/ 1/ 9	55,000.00	3.400000	17,227.50	72,227.50	89,455.00
5/ 1/10			16,292.50	16,292.50	
11/ 1/10	55,000.00	3.600000	16,292.50	71,292.50	87,585.00
5/ 1/11			15,302.50	15,302.50	
11/ 1/11	60,000.00	3.750000	15,302.50	75,302.50	90,605.00
5/ 1/12			14,177.50	14,177.50	
11/ 1/12	60,000.00	3.850000	14,177.50	74,177.50	88,355.00
5/ 1/13			13,022.50	13,022.50	
11/ 1/13	65,000.00	4.000000	13,022.50	78,022.50	91,045.00
5/ 1/14			11,722.50	11,722.50	
11/ 1/14	65,000.00	4.100000	11,722.50	76,722.50	88,445.00
5/ 1/15			10,390.00	10,390.00	
11/ 1/15	70,000.00	4.200000	10,390.00	80,390.00	90,780.00
5/ 1/16			8,920.00	8,920.00	
11/ 1/16	75,000.00	4.300000	8,920.00	83,920.00	92,840.00
5/ 1/17			7,307.50	7,307.50	
11/ 1/17	75,000.00	4.350000	7,307.50	82,307.50	89,615.00
5/ 1/18			5,676.25	5,676.25	
11/ 1/18	80,000.00	4.400000	5,676.25	85,676.25	91,352.50
5/ 1/19			3,916.25	3,916.25	
11/ 1/19	85,000.00	4.450000	3,916.25	88,916.25	92,832.50
5/ 1/20			2,025.00	2,025.00	
11/ 1/20	90,000.00	4.500000	2,025.00	92,025.00	94,050.00
	985,000.00		360,060.83	1,353,060.83	
ACCRUED			2,826.06	2,826.06	
	985,000.00		365,238.78	1,350,234.78	

DATED 10/ 1/ 5 WITH DELIVERY OF 10/27/ 5

BOND YEARS 8,767.083

AVERAGE COUPON 4.198

AVERAGE LIFE 8.901

F I C 4.198213 % USING 100.0000000

T I C 4.176397 % USING 100.0000000

ACI Finance, Inc.

VILLAGE OF NEWBERRY--LUCE COUNTY

NOTES TO FINANCIAL STATEMENTS For the Fiscal Year Ending December 31, 2017

NOTE H--LONG-TERM DEBT (Continued)

The annual electric, sewer and water fund principal and interest required to maturity for the bonds payable outstanding is as follows:

2002 Electric System Capital Improvement Bonds

Date of Issue: August 1, 2002 \$82,583,991.000
Amount: \$885,000
Purpose: Electrical System

<u>Annual Interest Rate</u>	<u>Date of Maturity</u>	<u>Maturity November 1</u>	<u>Interest Payments</u>	<u>Total Annual Requirements</u>
5.00%	2018	\$ \ 55,000	\$ 15,500	\$ 70,500
5.10%	2019	\ 60,000	12,750	72,750
	2020	60,000	9,690	69,690
	2021	65,000	6,630	71,630
	2022	65,000	3,315	68,315
		<u>\$ 305,000</u>	<u>\$ 47,885</u>	<u>\$ 352,885</u>

Interest is payable semi-annually at the rate indicated on May 1 and November 1.

2003 Electric System Revenue Bonds

Date of Issue: September 30, 2003 \$82,583,991.100
Amount: \$965,000
Purpose: Electrical System

<u>Annual Interest Rate</u>	<u>Date of Maturity</u>	<u>Maturity November 1</u>	<u>Interest Payments</u>	<u>Total Annual Requirements</u>
4.80%	2018	\$ \ 55,000	\$ 19,065	\$ 74,065
5.00%	2019	\ 60,000	16,425	76,425
	2020	60,000	13,425	73,425
	2021	65,000	10,425	75,425
5.125%	2022	70,000	7,175	77,175
	2023	70,000	3,588	73,588
		<u>\$ 380,000</u>	<u>\$ 70,103</u>	<u>\$ 450,103</u>

VILLAGE OF NEWBERRY--LUCE COUNTY

NOTES TO FINANCIAL STATEMENTS For the Fiscal Year Ending December 31, 2017

NOTE H--LONG-TERM DEBT (Continued)

2005 Electric System Revenue Bonds

Date of Issue: October 1, 2005

582.583.991.200

Amount: \$985,000

Purpose: Electrical System

Annual Interest Rate	Date of Maturity	Maturity November 1	Interest Payments	Total Annual Requirements
4.40%	2018	\$ \ 80,000	\$ 11,353	\$ 91,353
4.45%	2019	85,000	7,833	92,833
4.50%	2020	90,000	4,050	94,050
		<u>\$ 255,000</u>	<u>\$ 23,236</u>	<u>\$ 278,236</u>

2005 Water Supply System Revenue Bonds

Date of Issue: September 30, 2005

591.536.991.100

Amount: \$2,300,000

Purpose: Water Supply System

Annual Interest Rate	Date of Maturity	Maturity September 1	Interest Payments	Total Annual Requirements
4.125%	2018	\$ \ 35,000	\$ 81,840	\$ 116,840
	2019	37,000	80,396	117,396
	2020	39,000	78,870	117,870
	2021	41,000	77,261	118,261
	2022	42,000	75,570	117,570
	2023-2027	245,000	349,965	594,965
	2028-2032	310,000	294,319	604,319
	2033-2037	389,000	224,070	613,070
	2038-2042	492,000	135,836	627,836
	2043-2047	354,000	29,618	383,618
		<u>\$ 1,984,000</u>	<u>\$ 1,427,745</u>	<u>\$ 3,411,745</u>

VILLAGE OF NEWBERRY--LUCE COUNTY

NOTES TO FINANCIAL STATEMENTS For the Fiscal Year Ending December 31, 2017

NOTE H--LONG-TERM DEBT (Continued)

2009 Water Supply System Revenue Bonds

\$91,536,991.300

Date of Issue: March 20, 2009

Amount: \$300,000

Purpose: Water Supply System

<u>Annual Interest Rate</u>	<u>Date of Maturity</u>	<u>Maturity September 1</u>	<u>Interest Payments</u>	<u>Total Annual Requirements</u>
4.125%	2018	\$ 4,000	\$ 11,055	\$ 15,055
	2019	5,000	10,890	15,890
	2020	5,000	10,684	15,684
	2021	5,000	10,477	15,477
	2022	5,000	10,271	15,271
	2023-2027	29,000	48,015	77,015
	2028-2032	36,000	41,458	77,458
	2033-2037	43,000	33,495	76,495
	2038-2042	54,000	23,801	77,801
	2043-2047	66,000	11,674	77,674
	2048-2052	16,000	660	16,660
		<u>\$ 268,000</u>	<u>\$ 212,480</u>	<u>\$ 480,480</u>

VILLAGE OF NEWBERRY--LUCE COUNTY

NOTES TO FINANCIAL STATEMENTS
For the Fiscal Year Ending December 31, 2017

NOTE H--LONG-TERM DEBT (Continued)

2014 Water Supply System Revenue Bonds

Date of Issue: November 21, 2014

Amount: \$6,263,000

Purpose: Water Supply System

\$91,536,991.400

Annual Interest Rate	Date of Maturity	Maturity November 1	Interest Payments	Total Annual Requirements
2.125%	\ 2018	\$ 107,000	\$ 126,523	\$ 233,523
	\ 2019	110,000	124,249	234,249
	2020	112,000	121,911	233,911
	2021	114,000	119,531	233,531
	2022	117,000	117,109	234,109
	2023-2027	622,000	547,252	1,169,252
	2028-2032	691,000	478,253	1,169,253
	2033-2037	768,000	401,668	1,169,668
	2038-2042	854,000	316,455	1,170,455
	2043-2047	950,000	221,744	1,171,744
	2048-2052	1,054,000	116,493	1,170,493
	2053-2057	455,000	14,578	469,578
		<u>\$ 5,954,000</u>	<u>\$2,705,766</u>	<u>\$ 8,659,766</u>

2014 Sewer System Revenue Bonds

Date of Issue: September 17, 2014

Amount: \$4,485,000

Purpose: Sewage Disposal System

\$90,537,991.000

Annual Interest Rate	Date of Maturity	Maturity October 1	Interest Payments	Total Annual Requirements
2.5%	\ 2018	\$ 155,000	\$ 73,168	\$ 228,168
	\ 2019	160,000	69,293	229,293
	2020	165,000	65,293	230,293
	2021	170,000	61,168	231,168
	2022	175,000	56,918	231,918
	2023-2027	935,000	216,839	1,151,839
	2028-2032	1,050,000	94,589	1,144,589
	2033-2037	530,685	2,918	533,603
		<u>\$ 3,340,685</u>	<u>\$ 640,186</u>	<u>\$ 3,980,871</u>

VILLAGE OF NEWBERRY

VILLAGE COUNCIL & ELECTED OFFICIALS CONTACT LIST – as of 01.16.2020

CURRENT

MEMBER	ELECTED	ADDRESS	EMAIL	PHONE	TERM/EXP
Lori A. Stokes <i>Village President</i>	2018	111 W John Street	villagepresident@newberrymi.gov	906-291-0578	2YR/11'2020
Kip Cameron	APPOINTED 11/2019	317 E John Street	kcameron@newberrymi.gov	906-293-5650	4 YR/11'2020
Dan Hardenbrook	2018	202 ½ Newberry Ave Apt. 2	dhardenbrook@newberrymi.gov	906-450-2750	4YR/11'2022
Vacant					4YR/11'2020
Jeffrey Puckett	APPOINTED 12/2019	314 W Ave D	jpuckett@newberrymi.gov	906-291-0532	4YR/11'2022 – must be on ballot in 2020 (upon election will be a 2 yr term expiring in 2022)
Catherine Freese	APPOINTED 12/2018	116 W. McMillan	cfreese@newberrymi.gov	906-287-1989	4YR/11'2020
Dennis Hendrickson Pro-Tem	2018	418 E. Harrie Street	dhendrickson@newberrymi.gov	906-293-7000	4YR/11'2022
Terese Schummer, <i>Village Clerk</i>	ELECTED 2016 & 2018	214 W. Truman Blvd	Nbyclerk2@gmail.com	906-293-3884 H 906-293-8805 W	2YR/ 11'2020
Nathanael Moulton, <i>Village Treasurer</i>	APPOINTE D 12/2019	415 Newberry Ave	treasurer@newberrymi.gov	906-293-8098	2YR/ 11'2020

**Village of Newberry
Ordinance Committee Meeting Agenda
Thursday, January 9, 2020
11:00 AM**

Called to order at 11:10 AM

Present: Chairperson Lori Stokes, Trustee Dennis Hendrickson. IVM Allison Watkins
Trustee Dan Hardenbrook arrived at 11:42 AM

Public Comment: none present

UNFINISHED BUSINESS

A. Update on meeting to be scheduled with Watkins, Hendrickson and Cischke; no contact made yet.

B. Ordinance A; reviewed last meeting's edits and questions:

A:1:1b; discussion on changing language from "reside" to "be located" – left undecided until "customer" can be definitively explained to everyone's agreement – *refer to council for input.*

A:1:8; change "an account entitled Newberry Water & Light Board" to "an account entitled Utility Billing (UB)"; edit made

A:2:4b; determined that all water meters are being read monthly and reads are recorded in system.

A:4:4; A copy of policy and notification of enforcement is to be sent via registered mail to any landlords not in compliance so that they are made aware of decision to enforce policy now and in the future. If there is a request for duplicate billing it would need to be included in the tenant agreement and additional charges for billing would be charged to the customer.

A:2:4d; Add : Meter Location; effective (place date here) any new electric meters installed must be located on the outside of the building and accessible for meter reading and maintenance.

Effective (place date here) any meters located inside of a structure must be relocated to the outside and accessible for meter reading and maintenance.

C. Ordinance 29A; began review and update; need to omit Administrative Assistant part, pull out Committee part and incorporate with the Village Manager information.

D. Ordinance 36; began review and update; need to make suggested changes from Village Attorney. Need to craft a Village Manager Job Description. Watkins provided copies from two communities similar to the size of Newberry for reference.

E. Ordinance 11; Compensation of Elected Officials

1. Search for council motion on most recent compensation amount – not found yet
2. Change portion regarding Treasurer's compensation

3. Watkins provided information from Quincy MI on not compensating Trustees and President if absent from meetings, wording reads, "Provided, however, that neither the President nor the Trustees shall receive salary for any month during which they are absent from a regular meeting of the Village Council, unless such absence is excused by the President, or in the absence of the President, the President Pro-Tem.

F. Ordinance to enable appointment of Village Treasurer; reviewed sample ordinance, referred back to Village Attorney for clarification. New Village Treasurer Ordinance will be numbered 101.

G. Research possibility of having weight restrictions on village streets
1. Referred to DPW committee

5. NEW BUSINESS

A. Next Meeting Date will be Thursday, February 6, 2020 at 10:30 AM

B. Discussion on changing the Village Clerk's position from an elected one to an appointed one. ***Determine if there is a consensus with the Council to go in this direction.***

C. Miscellaneous Items;

1. Look into procedure for dropping an Ordinance
2. Watkins shared information regarding possible state funds to cover costs and training from a company that would come on site to clean up and organize ordinances. ***If Council is interested in this possibility, she will write and submit a request.***

6. PUBLIC COMMENT – no one present.

7. Adjourned at 12:33 PM

Village of Newberry
41 Lumber Ad Hoc Committee Meeting Minutes
Tuesday, January 14, 2020
8:30 AM

1. Called to order at 8:38 AM

Present: Lori Stokes, Catherine Freese, IVM Allison Watkins, DPW/WWTP Supervisor George Blakely

Absent: Dan Hardenbrook

2. Public Comment: none present

3. Unfinished Business - none

4. New Business:

- A. Reviewed RFP draft and preliminary building plan developed by OHM
- B. Discussed cost of building on existing cement pad versus building on new cement
 1. Determined that it would be cost prohibitive to attempt to trench existing cement pad for drainage and have adequate slope and may also cause unknown damage to cement pad in the future when driving equipment on it.
 2. **Committee recommends that Council approve moving forward with project with the change of building on existing cement pad to building on new cement pad.**
- C. Discussed new site for building
 1. Determined that it would be advantageous to use a site to be determined between East Victory and East McMillan and allowing room for snow and public use of property for events.
 2. **Committee recommends that Council approve using a site to be determined between East Victory and East McMillan**

5. Public Comment: none present

7. Adjourned at 9:05 AM.

**Village of Newberry
Management Committee Meeting Minutes
Wednesday, January 15, 2020
10:00 AM**

1. Called to order at 10:05 AM
Present: Catherine Freese, Dan Hardenbrook, Lori Stokes and Allison Watkins
2. Public Comment: none present
3. Unfinished Business
 - A. Vacancy Appointments; Policy and Procedure
 1. Appointment Questionnaire; Stokes presented draft for edits. Will make suggested changes and then submit to Jocks for review before presenting to council with a goal date of February meeting.
 2. Rules of Procedure language; Freese presented draft for edits. Will make suggested changes and then submit to Jocks for review before presenting to council with a goal date of February meeting.
 - B. Consent Agenda
 1. Hardenbrook is researching TAS School Board's work session policy and procedures.
 2. Hardenbrook suggested holding off on adopting the consent agenda until further research is done and the public is more accepting. Stokes and Freese agreed.
 3. Discussion was had on how agenda could be shortened. Watkins suggested it could be shortened by simply accepting Supervisor's reports as written and moving on to next items. Watkins requested clarification on who required all staff to be there to report out. It was discussed that it was the former Village Manager's requirement. Watkins suggested that since she is the administrator for those positions and she would be present at the meetings, that other staff positions no longer need to be required to attend meetings unless there were specific projects/topics they would need to be in attendance for. In those cases, Watkins would determine who needed to be present. Consensus was that the decision for using written reports without staff being present at meetings fell under Watkins' administrative authority.
 - C. Compensation of Elected Officials
 1. Watkins checked with Jocks regarding not compensating an elected official if absent from a meeting. It's a possibility, but can't be implemented on a seated official. This could be worked on and started immediately after the next election. ***Council recommendation to refer to Ordinance Committee is needed.***
 - D. New Business
 1. Shortening agenda by utilizing written reports from all Village staff except for the Interim Village Manager – As discussed under unfinished business – Staff will no longer be required to attend and report out at meetings unless there were specific projects/topics they would need to be in attendance for. In those cases, Watkins will determine who needed to be present. Consensus was that the decision for using written reports without staff being present at meetings fell under Watkins' administrative authority.
 - Meetings will be shortened by simply accepting Supervisor's reports as written and moving on to next items, after any questions.
5. Public Comment: none present
6. Next Meeting Date: Wednesday, February 13, 2020; 10:00 AM
7. Adjourned at 11:35 AM.

[Home](#)[About](#)[Photos](#)[Events](#)[Videos](#)[Pos](#)**Newberry, Michigan.**

Posted by Christopher Wendt

January 1 at 12:05 ·

The Newberry Fire Department would like to wish everyone a safe and Happy New Year! We ended 2019 with 10 calls for service in December.

- 2 Motor Vehicle Accidents
- 1 Carbon Monoxide Alarm
- 1 Commercial Structure Fire
- 1 Propane/Gas Leak
- 5 Power Line/Electrical Emergencies

We also spent the last few weeks celebrating Christmas with many members of our community. Each year, we select one to two families and purchase Christmas gifts for those families. (Pictures 1-3) We then spent time with residents at Golden Leaves Living Center and Newberry Assisted Living. (Pictures 4 & 5)

Students from Community Action Head Start received hats and gloves from the Fire Department. (Pictures 6-8)

And lastly, we went to Tahquamenon Area Schools and handed out candy canes to K-12 students.

From all of us at the Newberry Fire Department, we would like to thank you for your support throughout 2019! We hope you all have a Happy and SAFE 2020.



Newberry Wastewater Treatment Plant

Department of Public Works

George Blakely Superintendent
January 2020 Report

Wastewater Treatment

The equipment for the chlorine changes is all onsite work is scheduled to start on Monday the 20th of January.

- Monthly report submitted to EGLE
- Staff Safety Meeting
- Routine Preventive Maintenance
- Demo in Chlorine room complete
- Painting
- Snow

Department of Public Works

The sewer at 303 W. Ave. C was excavated by Anderson it was determined that the problem was the Villages.

A temporary fix was put in place until spring.

- Garbage pick up
- Work orders
- Plowed alleys
- Worked on sewer issues
- Plowed streets
- Repaired equipment
- Plowed safe routes to school
- Hauled snow

VILLAGE OF NEWBERRY



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

Water and Light Report December 2019 Dan Kucinkas

- Red Tags
- Christmas Light Maintenance
- Meter Reads
- Christmas Parade
- Miss Digs
- Seasonal Shut Offs
- Shut Off & Turn On – Non-Payments
- Snow Blowed Out Sub Station
- Water Residuals
- Lead & Copper Paper Work
- Water Testing
- Ran Generator For 2hrs

Happy New Years!

2019 - ELECTRIC CONSUMPTION / BILLING

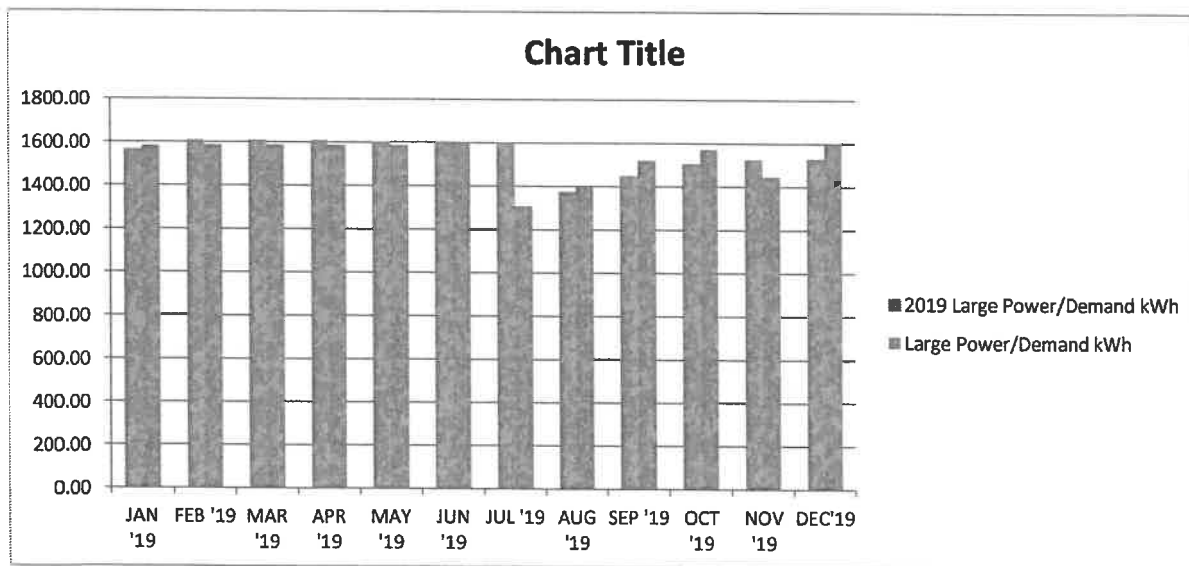
	RESIDENTIAL										COMMERCIAL										LARGE POWER										DEMAND			
	ER KW	METERS	ER FUEL ADJ	EO BASE	ER AMT BILLED	EC KW	METERS	EC FUEL ADJ	EC AMT BILLED	LG KW	METERS	LG AMT BILLED	FUEL ADJ	DEMAND KW	METERS	DEMAND AMT BILLED																		
2019																																		
JAN	814308.00	1188	\$ 17,403.15	\$ 1,160.15	\$ 85,266.66	328583.00	210	\$ 7,007.66	\$ 40,334.69	581551.00	15	\$ 31,638.67	\$ 15,825.61	1567.00	13	\$ 14,344.16																		
FEB	758225.00	1188	\$ 16,217.48	\$ 1,081.35	\$ 79,405.50	275482.00	208	\$ 5,864.06	\$ 34,167.79	459941.00	15	\$ 25,245.16	\$ 12,783.60	1610.00	13	\$ 14,565.35																		
MAR	632228.00	1196	\$ 10,544.74	\$ 899.47	\$ 66,207.35	274463.00	207	\$ 4,571.48	\$ 34,044.94	480731.00	15	\$ 25,392.39	\$ 8,152.17	1610.00	13	\$ 14,646.51																		
APR	687758.00	1188	\$ 11,473.95	\$ 978.65	\$ 72,020.51	260879.00	207	\$ 4,364.87	\$ 30,610.22	464458.00	15	\$ 24,478.59	\$ 7,920.20	1610.00	13	\$ 14,552.68																		
MAY	583244.00	1189	\$ 9,730.89	\$ 830.02	\$ 61,076.90	267090.00	207	\$ 4,462.85	\$ 31,393.07	512409.00	15	\$ 26,990.87	\$ 8,539.07	1605.00	13	\$ 14,610.43																		
JUN	573435.00	1190	\$ 9,583.04	\$ 817.18	\$ 60,099.81	236337.00	208	\$ 3,968.17	\$ 27,854.25	526257.00	15	\$ 27,713.48	\$ 8,870.46	1605.00	13	\$ 14,610.43																		
JUL	507616.00	1192	\$ 8,469.39	\$ 722.47	\$ 53,084.65	241098.00	217	\$ 4,054.84	\$ 28,442.53	501500.00	15	\$ 26,408.65	\$ 8,735.24	1605.00	13	\$ 14,610.43																		
AUG	602194.00	1187	\$ 10,865.24	\$ 856.78	\$ 62,949.68	323166.00	217	\$ 5,876.54	\$ 38,107.77	664908.00	15	\$ 35,029.69	\$ 12,076.22	1377.00	13	\$ 13,010.12																		
SEPT	582888.00	1184	\$ 10,524.65	\$ 828.81	\$ 60,765.93	280897.00	217	\$ 5,103.00	\$ 33,115.67	573512.00	15	\$ 30,201.24	\$ 10,936.20	1452.00	13	\$ 13,639.88																		
OCT	457806.00	1188	\$ 8,309.84	\$ 654.48	\$ 47,936.48	206074.00	216	\$ 3,728.36	\$ 24,184.76	496774.00	15	\$ 26,146.29	\$ 8,982.33	1508.00	13	\$ 14,072.84																		
NOV	691019.00	1185	\$ 12,477.63	\$ 982.74	\$ 70,868.89	268396.00	216	\$ 4,855.20	\$ 31,489.00	572892.00	15	\$ 30,153.25	\$ 10,474.85	1527.00	13	\$ 14,171.24																		
DEC	717382.00	1185	\$ 12,952.87	\$ 1,020.15	\$ 74,767.78	261472.00	214	\$ 4,725.57	\$ 30,672.85	502628.00	15	\$ 26,491.67	\$ 9,804.31	1531.00	13	\$ 14,113.58																		
TOTAL	7609013.00		\$ 142,601.00		\$ 138,552.87	322877.00		\$ 58,582.60		633761.00		\$ 335,829.65		\$ 121,738.26		\$ 156.00																		
AVG	634084.4167	1188.333	\$ 11546.0725	\$ 902.6875	\$ 66204.17833	268656.4167	212	\$ 4881.883333	\$ 32025.62833	528096.75	15	\$ 27985.82917	\$ 10144.855	1550.667	13	\$ 14261.55417																		

TOTAL kWh 17188.66
AVERAGE MET 1428.33333

Water & Light

Electric Demand Report Large Power/Industrial 2019

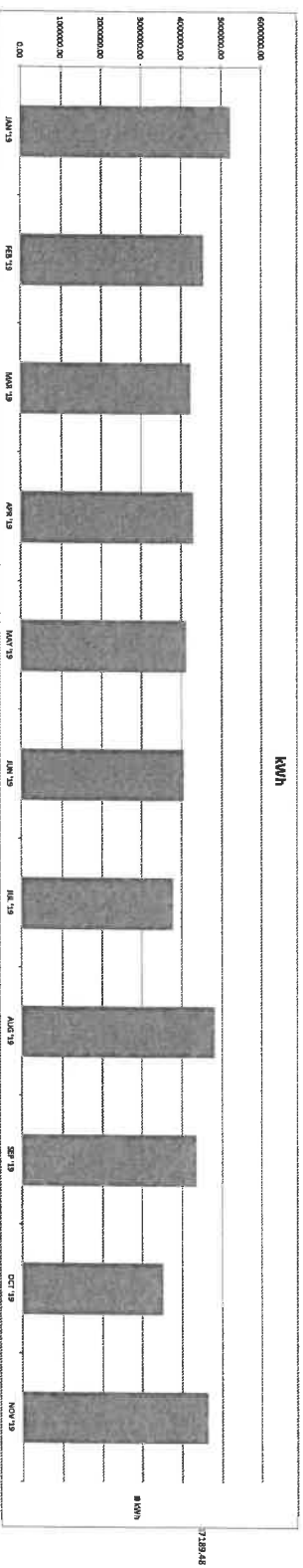
MONTH:	LG POWER/INDUSTRIAL	BILLED AMOUNT
DEC '18	1596.00	\$ 14,580.32
JAN '19	1567.00	\$ 14,344.16
FEB '19	1610.00	\$ 14,656.35
MAR '19	1610.00	\$ 14,646.51
APR '19	1610.00	\$ 14,652.68
MAY '19	1605.00	\$ 14,610.43
JUN '19	1606.00	\$ 14,610.43
JUL '19	1605.00	\$ 14,610.43
AUG '19	1377.00	\$ 13,010.12
SEP '19	1452.00	\$ 13,639.88
OCT '19	1508.00	\$ 14,072.84
NOV '19	1527.00	\$ 14,171.24
DEC'19	1531.00	\$ 14,113.58



Water & Light
Billed Electric kWh Report - 2019

MONTH	RES/COM kWh	DEB. BILLED	RES/COM BILL	CONSUMERS	MPA	MISO	ATC	CEC-HRDO	2019 PAID	2018 PAID	2017 PAID	2016 PAID	2015 PD	SAVED
JAN 19	5244620.00	\$ 14,344.16	\$ 220,418.93	\$ 89,487.68	\$ 63.37	\$ 3,212.50	\$ 12,141.88	\$ 5,024.28	\$ 109,940.71	\$ 129,527.53	\$ 120,334.74	\$ 103,278.84	\$ 146,688.48	\$ 19,577.56
FEB 19	4657813.00	\$ 14,654.38	\$ 207,076.22	\$ 80,135.58	\$ 40.30	\$ 4,411.50	\$ 12,141.88	\$ 4,962.38	\$ 101,672.04	\$ 119,847.55	\$ 111,388.64	\$ 102,655.98	\$ 168,824.53	\$ 18,175.51
MAR 19	4236844.00	\$ 14,642.51	\$ 183,141.37	\$ 79,410.54	\$ 39.58	\$ 2,830.30	\$ 12,141.88	\$ 5,012.77	\$ 99,435.07	\$ 67,664.90	\$ 114,411.84	\$ 130,780.97	\$ 135,195.29	\$ 18,570.17
APR 19	4308186.00	\$ 14,652.68	\$ 186,387.07	\$ 74,888.96	\$ 38.56	\$ 3,105.23	\$ 12,141.88	\$ 5,005.56	\$ 95,210.19	\$ 106,556.15	\$ 105,494.00	\$ 106,556.15	\$ 114,707.13	\$ 11,745.96
MAY 19	4129292.00	\$ 14,610.43	\$ 176,242.43	\$ 65,008.14	\$ 37.49	\$ 2,996.55	\$ 12,141.88	\$ 5,209.73	\$ 84,813.79	\$ 99,538.04	\$ 98,978.16	\$ 121,158.40	\$ 145,099.13	\$ 14,524.29
JUN 19	4068850.00	\$ 14,610.43	\$ 173,245.90	\$ 55,631.06	\$ 38.79	\$ 2,877.14	\$ 12,141.88	\$ 5,294.88	\$ 75,883.75	\$ 90,756.59	\$ 103,956.18	\$ 100,191.67	\$ 121,802.87	\$ 5,466.94
JUL 19	3797030.00	\$ 14,610.43	\$ 163,332.97	\$ 64,986.33	\$ 100.51	\$ 3,683.72	\$ 12,141.88	\$ 5,377.21	\$ 85,289.65	\$ 115,480.83	\$ 102,013.56	\$ 60,548.96	\$ 74,153.89	\$ 5,049.40
AUG 19	4832383.00	\$ 13,010.12	\$ 159,141.84	\$ 60,272.47	\$ 109.19	\$ 3,742.19	\$ 12,141.88	\$ 4,665.70	\$ 80,431.43	\$ 79,439.06	\$ 97,767.67	\$ 115,892.05	\$ 93,525.67	\$ 6,271.55
SEP 19	4567406.00	\$ 13,639.88	\$ 184,840.36	\$ 51,975.71	\$ 129.26	\$ 2,931.76	\$ 12,141.88	\$ 5,260.45	\$ 75,035.13	\$ 84,092.82	\$ 97,767.67	\$ 107,256.72	\$ 122,946.54	\$ 9,097.69
OCT 19	3527814.00	\$ 14,072.84	\$ 153,237.88	\$ 55,110.22	\$ 96.86	\$ 2,483.68	\$ 12,141.88	\$ 5,202.49	\$ 94,303.42	\$ 95,811.47	\$ 114,041.05	\$ 108,397.00	\$ 64,413.12	\$ 157,062.67
NOV 19	4657965.00	\$ 14,171.24	\$ 156,863.66	\$ 74,026.02	\$ 85.40	\$ 2,766.01	\$ 12,141.88	\$ 5,226.88	\$ 94,590.79	\$ 102,189.86	\$ 123,257.90	\$ 113,348.60	\$ 108,397.00	\$ 157,062.67
DEC 19	4515049.00	\$ 14,113.58	\$ 184,584.00	\$ 74,132.23	\$ 849.31	\$ 3,083.70	\$ 12,141.88	\$ 5,226.88	\$ 98,146.24	\$ 1,072,137.04	\$ 1,294,437.93	\$ 1,388,697.86	\$ 1,400,903.51	\$ 89,165.75
	5225650.00	\$ 171,138.65	\$ 2,280,312.94	\$ 830,024.94	\$ 849.31	\$ 38,010.08	\$ 145,702.56	\$ 61,567.14	\$ 981,464.24	\$ 1,072,137.04	\$ 1,294,437.93	\$ 1,388,697.86	\$ 1,400,903.51	\$ 89,165.75

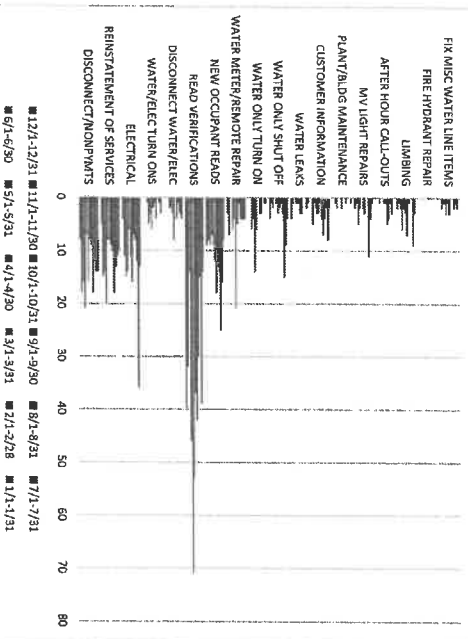
kWh



Water & Light Work Orders Report - 2019

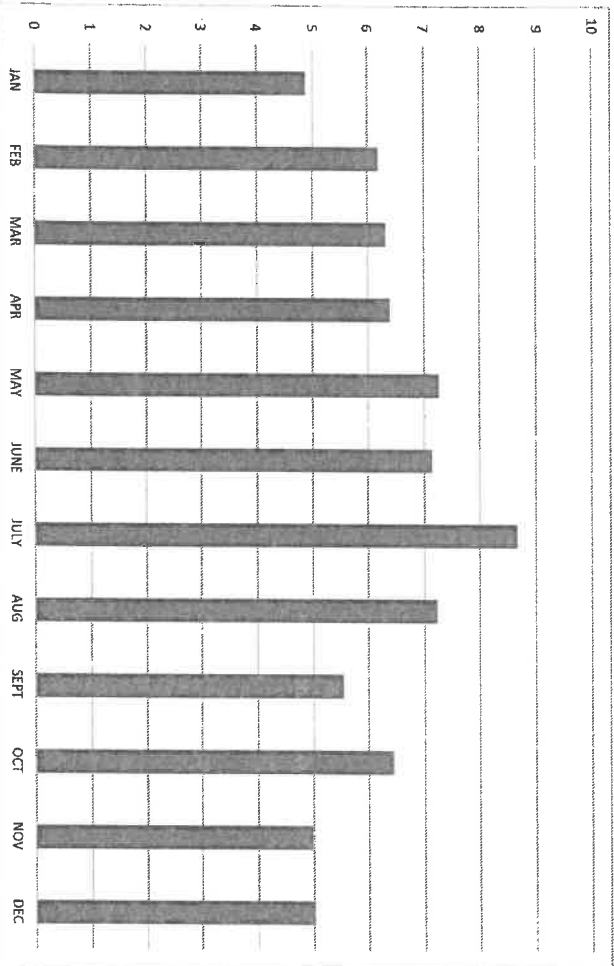
CUSTOMER INFORMATION	1/1-1/31	2/1-2/28	3/1-3/31	4/1-4/30	5/1-5/31	6/1-6/30	7/1-7/31	8/1-8/31	9/1-9/30	10/1-10/31	11/1-11/30	12/1-12/31
DISCONNECT/NONPMTS	8	18	16	21	7	16	8	9	18	12	14	14
REINSTATEMENT OF SERVICES	5	15	14	20	8	9	10	18	13	13	11	10
ELECTRICAL	4	11	15	14	6	11	16	7	8	12	36	13
WATER/ELEC TURN ONS	0	0	1	5	3	6	2	1	4	0	1	3
DISCONNECT WATER/ELEC	0	0	0	2	2	3	8	0	4	1	3	4
READ VERIFICATIONS	40	32	14	46	71	53	37	42	30	15	39	14
NEW OCCUPANT READS	9	8	9	7	9	12	18	13	14	25	16	8
WATER METER/REMOTE REPAIR	3	7	0	6	4	21	5	1	4	4	4	4
WATER ONLY TURN ON	0	0	6	4	14	6	0	3	3	0	1	1
WATER ONLY SHUT OFF	4	1	2	0	1	1	3	1	3	15	9	4
WATER LEAKS	4	1	0	1	1	1	3	3	0	0	2	1
CUSTOMER INFORMATION	5	1	2	3	3	1	4	7	4	2	8	2
PLANT/BLDG MAINTENANCE	0	1	2	0	0	2	0	1	0	0	0	1
MV LIGHT REPAIRS	2	1	5	2	0	2	3	0	0	11	4	1
AFTER HOUR CALL-OUTS	0	0	1	0	0	1	1	5	4	1	3	0
LIMBING	2	1	2	6	2	3	7	1	0	0	9	3
FIRE HYDRANT REPAIR	0	0	0	0	0	0	0	0	0	0	0	0
FIX MISC WATER LINE ITEMS	0	2	1	1	3	1	3	0	0	2	1	2
TOTALS	86	99	90	138	134	150	126	103	115	113	161	85

Work Orders



Water & Light Water Pumpage Report - 2019

MONTH	PUMPAGE	X 1,000,000	1000'S GALS	GOAL	\$ BILLED FOR	GALS BILLED	% OF GOAL	BILLED FOR REU'S	LOST REVENUE
JAN'19	4.8782	4878200	4878.2	\$ 79,400.00	\$ 77,749.00	4878.2	97.9%	1,036.65	\$ 1,651.00
FEB'19	6.1863	6186300	6186.3	\$ 79,400.00	\$ 77,275.29	6186.3	97.3%	1,030.34	\$ 2,124.71
MAR '19	6.3154	6315400	6315.4	\$ 79,400.00	\$ 77,524.70	6315.4	97.6%	1,033.66	\$ 1,875.30
APR '19	6.3991	6399100	6399.1	\$ 79,400.00	\$ 77,475.07	6399.1	97.6%	1,033.00	\$ 1,924.93
MAY '19	7.268	7268000	7268	\$ 79,400.00	\$ 77,190.16	7268	97.2%	1,029.20	\$ 2,209.84
JUNE'19	7.144	7144000	7144	\$ 79,400.00	\$ 77,890.90	7144	98.1%	1,038.55	\$ 1,509.10
JULY '19	8.6614	8661400	8661.4	\$ 79,400.00	\$ 78,788.79	8661.4	99.2%	1,050.52	\$ 611.21
AUG '19	7.2257	7225700	7225.7	\$ 79,400.00	\$ 78,273.47	7225.7	98.6%	1,043.65	\$ 1,126.53
SEPT '19	5.5489	5548900	5548.9	\$ 79,400.00	\$ 81,901.21	5548.9	103.2%	1,092.02	\$ (2,501.21)
OCT '19	6.452	6452000	6452	\$ 79,400.00	\$ 82,089.84	6452	103.4%	1,094.53	\$ (2,689.84)
NOV '19	4.97	4974300	4974.3	\$ 79,400.00	\$ 77,220.70	4974.3	97.3%	1,029.61	\$ 2,179.30
DEC '19	5.0125	5012500	5012.5	\$ 79,400.00	\$ 76,488.42	5012.5	96.3%	1,019.85	\$ 2,911.58
				GOAL	\$ 952,800.00	\$ 939,867.55	% OF GOAL		
				BILLED TO DATE	\$ 939,867.55		99%		
				REMAINING NEEDED FOR BUDGET	\$ 12,932.45	6607.9	99.0%		\$ 6,201.40



**Interim Village Manager & DHRCE
Activity Report for Village Council Meeting
As of January 17, 2020**

A. Audit

- a. Audit was sent to Lansing on January 15, 2020
 - i. Review is supposed to take place 1/16 & 1/17
 - ii. Once the info is approved it will come back to me for final review
 - iii. Auditor is scheduled to come present the findings to council at the February 18. 2020 Meeting

B. Budget

- a. No topics to report

C. Village Committees/Boards

- a. Ordinance- Committee – 1/9/2020
- b. Water & Light Board – 01/07/2020
- c. 41 Lumber Ad Hoc – 01/14/2020
- d. Management Committee-01/15/2020

D. Community Engagement

- a. NBY Interview on 1/7/2020
- b. Chamber of Commerce Board Meeting – 01/13/2020
- c. Eastern UP Planning Commission Board – Next meeting is TBD
- d. M123 Scenic Byway Board – next meeting is TBD
- e. Luce County Community Health Improvement (CHIP) Focus Group – TBD
- f. Save Restore Grow Newberry – TBD
- g. Strategic Alliance for Health - TBD

E. Communication with Residents

- a. Drafted and sent out letters to residents in response to complaint forms they submitted

F. Risk Management

- a. 41 Lumber - MMRMA released the funds. Plott Construction has been paid.

G. VON Maintenance Building

- a. Working with OHM to create the RFP – set to be released on 1/22/2020
 - i. Seeking approval from council to use new site instead of old site
 - See 41 Lumber Ad Hoc Committee Meeting notes

H. Verizon Cell Tower

- a. I had a phone call with their project manager on 1/09/2020. Verizon refuses to change liability language that we cannot agree to. They were going to check with their lawyers and get back to me.

I. Atlas Park Grant

- a. Working on sign design and finalization

J. TORC EGLE Grant

- a. Working on paperwork for close-out and will be creating a due care checklist to ensure future compliance. This will be closed in 2020.

K. TORC DNR Grant

- a. We received \$40,142.44 which is a portion of our final reimbursement
- b. Working on registering info with the registrar of deeds – this then gets sent in to DNR and final payment of. \$30,000

L. Community Development Block Grant –

- a. Met with UPEA Reps to discuss writing the grant
- b. We will be working on an application for the second competition date - September 2020 deadline
- c. In order to be eligible for the grant – must have a 6-year Capital Improvement Plan in place
 - i. I asked UPEA to create an estimate of what it might cost to have someone oversee that process for us

M. Redevelopment Ready Communities Status

- a. Touched base with the POC. They stopped working on our community evaluation in October, but have started up again. I anticipate this will be several more months.
 - i. This process helps us become eligible for State Grants.

N. HR

- a. Finalized 2019 payroll information
- b. Processed W2s, closing out 1099s and required reporting to FED/State Tax agencies

O. Personnel/ Staff Updates

- a. Dan Kucinkas is currently the Acting W&L Superintendent
 - i. Anticipate that a signed contract will be in place by 1/24/2020

P. FOIA Requests (no report submitted)

- a. 0 requests for 2020 (as of January 17, 2020)
 - i. 7 total requests for 2019
 - Jennifer James-Mesloh – 12/2/19 – still open

ACTION ITEMS REQUESTED FROM COUNCIL:

- Requesting DPW Committee Meeting in the next few weeks to discuss purchase of plow truck
- Leave request for Jan 31 and Feb 3. Vacation time