

**VILLAGE OF NEWBERRY
WATER AND LIGHT BOARD MEETING
Tuesday, March 13, 2018
Meeting Location: 302 East McMillan Ave
Meeting Time: 5:30 p.m.**

1. CALL TO ORDER

2. PLEDGE OF ALLEGIANCE

3. ROLL CALL

4. APPROVAL OF AGENDA

5. APPROVAL OF MINUTES

1. Water and Light Board Meeting – Regular Session – Tuesday, February 13, 2018 at 5:30 p.m.

6. WATER AND LIGHT CHAIRPERSON ANNOUNCEMENTS

1. None Prescheduled

7. PUBLIC COMMENTS ON AGENDA ITEMS – Prior to consideration of official business, citizens may speak to a subject on today's agenda. Please limit comments to 3 minutes.

1. None Prescheduled

8. SUBMISSION OF BILLS AND FINANCIAL UPDATES

1. Water & Light – Monthly Bills – January 2018

		WL Monthly Bills Approved by Water & Light Board	WL Monthly Bills Approved by Village Council
582	Electric Fund	\$139,930.24	\$298,020.05
591	Water Fund	\$4,959.69	\$19,593.39
Total:		\$144,889.93	\$317,613.44

2. Water & Light – Monthly Bills – February 2018

582	Electric Fund	\$139,280.62
591	Water Fund	\$3,939.36
Total:		\$143,219.98

582	Christmas Lights Fund – as of 3/9/2018	\$16,320.55
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3. Water & Light – Cash Balance – January 2018

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

1. None

10. INTRODUCTION AND ADOPTION OF ORDINANCES AND RESOLUTIONS

1. None

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

1. Superintendent of Water and Light
2. Assistant Village Manager
3. Village Manager

12. REPORTS OF COMMITTEES

1. None Prescheduled

13. UNFINISHED BUSINESS

1. None Prescheduled

14. NEW BUSINESS

1. 2018 Budgets
 - a. Water
 - b. Electric
2. 2017 Water Rate Study - Michigan Rural Water Association

- 15. PUBLIC COMMENTS** – 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 Water and Light Board. Please limit comments to 3 minutes as per General Village Law.

16. COMMENTS BY BOARD MEMBERS

17. ADJOURNMENT - REGULAR SESSION

NEWBERRY WATER & LIGHT BOARD
REGULAR MEETING MINUTES
February 13, 2018

Present: Chairperson Medelis, Brown, Feldhusen, Johnson, Vincent.

Absent: None.

Also Present: W&L Superintendent - Perry, Director of Human Resources & Community Engagement - Watkins, Clerk - Schummer, Mike Schnorr, Eric Buckler, Donald Jones, Steve Stiffler, Michael Winn, Lori Stokes.

Call to Order: Chairman Medelis called the meeting to order at 5:30 p.m. at the Village of Newberry Offices, 302 East McMillan Avenue, followed by the Pledge of Allegiance.

Approval of Agenda: Moved by Brown, support by Johnson, **CARRIED**, to approve agenda as submitted, with one correction, to move item 8.) 1. to 9.) 2. Ayes: All.

Minutes: Moved by Johnson, support by Feldhusen, **CARRIED**, to approve the January 9, 2018, regular meeting minutes as written. Ayes: All.

Water and Light Chairperson Announcements: The Chairman asked for a moment of silence in honor of Jim Johnson's wife Pat, who recently passed away.

Submission of Bills and Financial Updates:

A.) Water & Light Monthly Bills – January 2018: Motion by Johnson, support by Brown, **CARRIED**, to approve payment of the Electric Fund in the amount of \$139,930.24. Discussion followed. Ayes: All. Motion by Brown, support by Feldhusen, **CARRIED**, to pay the Water Fund in the amount of \$4,959.69. Discussion followed. Ayes: All.

B.) Christmas Lights Fund is currently at \$16,116.82.

C.) Water & Light – Cash Balance – December 2017, was reviewed.

Public Comments on Agenda Items: Comments heard from: Mike Schnorr – 306 E. Truman, Lori Stokes – 301 W. John.

Petitions and Communications:

1. Letter from Miller, Canfield, Paddock and Stone, PLC – reviewed.
2. Letter from Eric Buckler. Eric Buckler spoke about the topics in his letter: Asset Management Planning, Water Rate Review and 2018 Budget for the Water and Electric Departments.

Introduction and Adoption of Ordinances and Resolutions: None

Reports of Village Management:

Village Manager: Absent due to illness.

Assistant Village Manager: Absent due to family emergency.

Superintendent of Water and Light: Perry gave a written as well as a verbal report.

Unfinished Business: None.

New Business: None

Public Comment: Comments were heard from: Michael Winn – 607 Newberry Ave., Eric Buckler – W. Ave. C, Lori Stokes – 301 W. John, Don Jones – 514 E. Ave. B, Terese Schummer – 214 W. Truman.

Comments by Board Members: Comment heard from: Chairperson Medelis.

ADJOURNMENT: Motion by Brown, support by Johnson, **CARRIED**, to adjourn meeting at 6:30 p.m. Ayes: All.

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

Terese Schummer, Clerk

Charles Medelis, Chairperson

DEPARTMENT	FUND	VENDOR NAME	DESCRIPTION	AMOUNT
NON-DEPARTMENTAL	ELECTRIC FUND	BLUE CROSS BLUE SHIELD OF MICHIGAN STATE OF MICHIGAN	RETIREES COMPANY PAYS	289.59
			OCTOBER 2017 PA95 COLLECTI	1,262.33
			NOVEMBER 2017 PA95 COLLECT	1,265.27
			DECEMBER 2017 PA95 COLLECT	1,266.67
			AUGUST 2017 PA 95 COLLECTI	1,305.86
			SEPTEMBER 2017 PA 95 COLLE	1,260.72
			TOTAL:	6,650.44
ELECTRIC DISTRIBUTION	ELECTRIC FUND	DSTECH	MONITOR BACK OF SERVER	7.50
			ADDITIONAL GB STORAGE	63.82
			11-MICROSOFT OFFICE 365	80.75
		FOSTER'S ACE HARDWARE	9-MONITORING, ANTIVIRUS	22.47
			1-MICROSOFT EXCHANGE	1.75
			REMOTE MONITORING W/PATCH	17.47
		HIAWATHA TELEPHONE COMPANY	FASTENERS/LAMPHOLDERS/ BOL	30.06
			LAMPHOLD/SCREWS/BOLTS	23.73
			SCREWDRIVER SET	9.99
		SONDEE, RACINE & DOREN, P.L.C.	DUCT TAPE	9.99
			JAMADOTS INTERNET	50.00
			LEGAL SERVICES FOR DEC 201	375.00
		STANDARD ELECTRIC COMPANY	INTK4121C P-CELL 1800W 120	20.28
			ITEMS RETURNED	479.86
			POSTAGE	13.40
		TAQUAMENON AREA CREDIT UNION	POSTAGE	49.00
			POSTAGE	6.65
			UTILITY BILLING	495.87
		US POSTAL SERVICE	TUBE HOSE CARRIER	2,467.14
			291-1578 PRES	26.67
			291-0530 MANAGER	26.67
		UTILITY SALES AND SERVICE	291-0606 ASST MANAGER	26.67
			291-0055 HR	26.67
			291-0136 MECHANIC	26.67
		VERIZON	FAX & DATA PLANS	98.20
			TOTAL:	3,496.56
ADMINISTRATION	ELECTRIC FUND	BLUE CROSS BLUE SHIELD OF MICHIGAN	EMPLOYEES	9,816.12
			RETIREES COMPANY PAYS	1,158.38
			W&L COMPUTER REPAIR	97.62
		DSTECH	D BURKE #30093016	46.54
			ELECT WORK COMP	613.94
			BILLING STOCK	250.65
		NORTHERN CREDIT BUREAU	307 MCMILLAN #0235237.500	126.89
			307 MCMILLAN #0235238/.500	190.77
			DESK CALENDARS	9.53
		MICHIGAN MUNICIPAL WC FUND	CATRACK HOSE CARROR/TUBE	2,081.77
			TOTAL:	14,392.21
ELECTRIC GENERATION	ELECTRIC FUND	AT&T	ACCT#806293564185313 W&L P	83.41
			WATER	7.98
			TOTAL:	91.39
ELECTRIC	ELECTRIC FUND	RAHILLY'S IGA		
		FOSTER'S ACE HARDWARE	SNOWSCRAPER	4.99
			TAPE	12.50
		NATIONAL OFFICE PRODUCTS	FASTENERS	11.49
			PAPER / TOWELS	96.49
		TAQUAMENON AREA CREDIT UNION	ITEMS RETURNED	79.96

DEPARTMENT	FUND	VENDOR NAME	DESCRIPTION	AMOUNT
		VERIZON	H-MAC SYSTEMS INC-BR HEATE	24.02
			450-0919 LINEMAN	53.34
			291-0608 SUPERINTENDENT	53.34
		WEX BANK - SPEEDWAY UNIVERSAL	ELECTRIC FUEL FOR DEC	341.67
			TOTAL:	517.88
POWER	ELECTRIC FUND	CLOVERLAND ELECTRIC CO-OP	JANUARY 2018 HYDRO BILLING	5,064.28
		CMS ENERGY RESOURCE MGT	1371.128 HYDRO BILL JAN 20	107,467.68
			TOTAL:	112,531.96
ENERGY OPTIMIZATION	ELECTRIC FUND	MECA	WECC MONTHLY IMP, MKT, INC	2,249.80
			TOTAL:	2,249.80
WATER SYSTEM	WATER FUND	DSTECH	MONITOR BACK OF SERVER	7.50
			ADDITIONAL GB STORAGE	63.82
			11-MICROSOFT OFFICE 365	80.75
			9-MONITORING, ANTIVIRUS	22.46
			1-MICROSOFT EXCHANGE	1.75
			REMOTE MONITORING W/PATCH	17.47
			W&L COMPUTER REPAIR	97.63
		NORTHERN CREDIT BUREAU	D BURKE #30093016	46.54
		FOSTER'S ACE HARDWARE	SNOWSCRAPER	7.99
			RAGS IN A BOX	9.99
			POOL/SPA TEST STRIPS	19.98
		GREAT LAKES FIRE & SAFETY EQUIPMENT	20# EXT-HYDRO & TESTED	66.00
		HAWKINS INC	AZONE 15-EPA NO.7870-5	81.90
		LYNN AUTO PART INC.	FT CHUCK	4.59
			SOCKET	4.69
			PARK & TURN SIGNAL SOCKET	76.98
		MICHIGAN MUNICIPAL WC FUND	ELECT WORK COMP	613.93
		NATIONAL OFFICE PRODUCTS	TAPE	11.50
			FASTENERS	12.50
			BILLING STOCK	250.65
			PAPER / TOWELS	96.49
		CORE & MAIN LP	HOSE/NOZZLE RINGS/PUMPER	1,400.91
		SONDEE, RACINE & DOREN, P.L.C.	LEGAL SERVICES FOR DEC 201	210.00
		TAHQUAMENON AREA CREDIT UNION	RAMADA-LINNAN CEU	104.94
			HEATERS	479.10
			ORANGE TO GREEN GEL PACKET	12.99
			H-MAC SYSTEMS INC-BR HEATE	24.02
			DESK CALENDARS	9.53
		USA BLUEBOOK	DPD 4 DISPENSER/3/8TUBEX3/	977.45
		WEX BANK - SPEEDWAY UNIVERSAL	WATER FUEL FOR DEC	145.64
			TOTAL:	4,959.69

DEPARTMENT	FUND	VENDOR NAME	DESCRIPTION	AMOUNT
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===== FUND TOTALS =====

582	ELECTRIC FUND			139,930.24
591	WATER FUND			4,959.69

GRAND TOTAL:				144,889.93
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TOTAL PAGES: 3

DEPARTMENT	FUND	VENDOR NAME	DESCRIPTION	AMOUNT
NON-DEPARTMENTAL	ELECTRIC FUND	AFLAC	AFLAC PRE-TAX	23.22
			AFLAC PRE-TAX	23.22
			AFLAC POST TAX	36.30
			AFLAC POST TAX	36.30
		EFTPS	FEDERAL WITHHOLDING	1,406.79
			FEDERAL WITHHOLDING	11.15
			FEDERAL WITHHOLDING	1,022.68
			FICA W/H	779.20
			FICA W/H	12.40
			FICA W/H	226.73
			FICA W/H	704.06
			MEDICARE W/H	182.24
			MEDICARE W/H	2.90
			MEDICARE W/H	53.03
			MEDICARE W/H	164.66
		STATE OF MICHIGAN	STATE WITHOLDING	515.56
			STATE WITHOLDING	8.50
			STATE WITHOLDING	469.66
		NATIONWIDE RETIREMENT SOLUTIONS	NATIONWIDE	41.02
			NATIONWIDE	41.02
		MISC VENDORS	3-01240-04	153.91
		ZERBY, BEATRICE	4-01730-07	127.33
		TUYO, MICHAEL D	6-01080-05	232.02
		TIBBS, MARY J	RETIREES COMPANY PAYS	289.59
		BLUE CROSS BLUE SHIELD OF MICHIGAN	MI COUNCIL 25/UNION DUES	198.50
		MICHIGAN COUNCIL 25	NOV HYBRID (DC) SELFPAY	237.04
		MERS DC PLAN #110353	NOV HYBRID (DC) SELFPAY	237.04
			OCTOBER 2017 PA95 COLLECTI	1,262.33
		STATE OF MICHIGAN	NOVEMBER 2017 PA95 COLLECT	1,265.27
			DECEMBER 2017 PA95 COLLECT	1,266.67
			AUGUST 2017 PA 95 COLLECTI	1,305.86
			SEPTEMBER 2017 PA 95 COLLE	1,260.72
		STATE OF MICHIGAN	SOM - SALES TAX COLLECTED	6,310.03
			TOTAL:	19,906.95
ELECTRIC DISTRIBUTION	ELECTRIC FUND	MISS DIG SYSTEM INC	MISS DIG MEMBERSHIP FEE-EL	334.39
		QUINLAN, AMY	NOV CLEANING	125.00
		CLOVERLAND ELECTRIC CO-OP	POLE CONTRACT RENTAL FEES	324.00
		D & D HOME CENTER	TAPE	13.96
		DSTECH	MONITORED BACKUP OF SERVER	15.00
			ADDITIONAL GB STORAGE	129.11
			11-MICROSOFT OFFICE 365	187.00
			9-MONITORING, ANTIVIRUS	44.91
			1-MICROSOFT EXCHANGE	3.50
			REMOTE MONITORING WITH A P	4.00
			11-MICROSOFT OFFICE 365	187.00
			9-MONITORING, ANTIVIRUS	44.91
			1-MICROSOFT EXCHANGE	3.50
			MONITOR BACKUP OF SERVER	15.00
			ADDITIONAL GB STORAGE	128.91
			FIXED ASST MANAGER PRINTER	106.25
			MONITOR BACK OF SERVER	7.50
			ADDITIONAL GB STORAGE	63.82
			11-MICROSOFT OFFICE 365	80.75
			9-MONITORING, ANTIVIRUS	22.47
			1-MICROSOFT EXCHANGE	1.75

DEPARTMENT	FUND	VENDOR NAME	DESCRIPTION	AMOUNT
		FOSTER'S ACE HARDWARE	REMOTE MONITORING W/PATCH	17.47
			VINYL TUBE BELLS	6.90
			VINYL TUBE BELLS	6.10
			VINYL TUBE, BUTT SPLICES B	39.24
			FULL GATE ORN	15.98
			FASTENERS/LAMPHOLDERS/ BOL	30.06
			LAMPHOLD/SCREWS/BOLTS	23.73
			SCREWDRIVER SET	9.99
			DUCT TAPE	9.99
		HELEN NEWBERRY JOY HOSPITAL	PRE-EMPLOY EXAM L BURTON	94.00
		HIAWATHA TELEPHONE COMPANY	JAMADOTS INTERNET	50.00
		MICHIGAN MUNICIPAL ELECTRIC ASSOCIATIO	2018 DUES AND MEMBERSHIP	3,442.00
		MICHIGAN PUBLIC POWER AGENCY	DEC 2017 MPPA SERVICE	113.59
		NEWBERRY NEWS	11/1 BELLS	48.00
			11/8 BELLS	48.00
			11/22 BELLS	48.00
			12/13 BELLS	48.00
			12-20 BELLS	48.00
		SONDEE, RACINE & DOREN, P.L.C.	LEGAL SERVICES FOR NOV 201	742.50
			LEGAL SERVICES FOR DEC 201	375.00
		STANDARD ELECTRIC COMPANY	INTR4121C P-CELL 1800W 120	20.28
		STATE OF MICHIGAN - MIDEAL PROGRAM	MEMBERSHIP 1/1/2018-12/31/	45.00
		TAHQUAMENON AREA CREDIT UNION	ITEMS RETURNED	479.86-
			POSTAGE	13.40
			POSTAGE	49.00
			POSTAGE	6.65
			DEC 2017 CHARGES	196.00
			POSTAGE	6.65
			HANGING FILE FOLDERS	35.96
		US POSTAL SERVICE	UTILITY BILLING	495.87
		UTILITY SALES AND SERVICE	TUBE HOSE CARRIER	2,467.14
		US BANK EQUIP FINANCE	LEASE #500-054770	192.98
		VERIZON	FAX & DATA PLAN	68.13
			291-0578	26.63
			291-0530	26.63
			291-0606	26.63
			291-0055	26.63
			291-0136	26.63
			FAX & DATA PLAN	98.20
			PRES 291-0578	26.67
			MANAGER 291-0530	26.67
			ASST MANAGER 291-0606	26.67
			HR 291-0055	26.67
			MECHANIC 291-0136	26.67
			PRES 291-1629	13.90
			MANAGER 291-1223	13.90
			ASST MANAGER 291-1621	13.90
			SUPERINTENDENT 291-1627	27.79
			HR & CE	13.90
			COUNCIL CHAMBERS 291-1633	13.35
			FINANCE 291- 1625	13.90
			AUTOMATED	0.24
		WNBY RADIO	WNBY RADIO BELLS	300.00
			TOTAL:	10,952.06
ADMINISTRATION	ELECTRIC FUND	EFTPS	FICA W/H	779.20

DEPARTMENT	FUND	VENDOR NAME	DESCRIPTION	AMOUNT
			FICA W/H	12.40
			FICA W/H	226.73
			FICA W/H	704.06
			MEDICARE W/H	182.24
			MEDICARE W/H	2.90
			MEDICARE W/H	53.03
			MEDICARE W/H	164.66
		BLUE CROSS BLUE SHIELD OF MICHIGAN	EMPLOYEES	9,816.12
		JARRET BROW	RETIREE COMPANY PAYS	1,158.38
		QUINLAN, AMY	BLUE CROSS/BLUE SHIELD REB	108.46
		MI MUNICIPAL RISK MANAGEMENT AUTHORITY	NOV CLEANING SUPPLIES	55.35
			LIABILITY/PROPERTY PREMIUM	3,936.12
		DSTECH	LIABILITY/PROPERTY PREMIUM	1,444.30
		CYNDI McBRIDE	W&L COMPUTER REPAIR	97.62
		NORTHERN CREDIT BUREAU	ASSISTANCE WITH W 2'S	45.00
		MERS DC PLAN #110353	D BURKE #30093016	46.54
			NOV HYBRID (DC) RETIREMENT	237.04
			NOV HYBRID (DC) RETIREMENT	237.04
		MERS *** DO NOT CASH CHECK *** (EFT	WL DEFINED BENEFIT	1,070.00
			ADMIN FLAT RATE	587.00
			WL DEFINED BENEFIT PART	756.15
			WL DEFINED BENEFIT	1,070.00
			ADMIN FLAT RATE	587.00
			WL DEFINED BENEFIT PART	756.15
		FIRST BANK UPPER MICHIGAN	MICHELLE BAYNTON H S A 201	1,000.00
			MARY JORDAN H S A 2018	1,000.00
			ALLISON WATKINS H S A 2018	500.00
			BEVERLY HOLMES H S A 2018	500.00
			CYNDI McBRIDE H S A 2018	1,000.00
			DAVE PATTERSON H S A 2018	2,000.00
			LORI STOKES H S A 2018	1,600.00
			KENNY UHLBECH H S A 2018	1,000.00
			BUCK VALLAD H S A 2018	1,000.00
		LIVELY, JOSEPH	COMPUTER FROM DS TECH	114.48
		MICHIGAN MUNICIPAL WC FUND	ELECT WORK COMP	613.94
		MICHIGAN MUNICIPAL LEAGUE	5 CDL CONSORNIUM DRIVERS FE	350.00
		NATIONAL OFFICE PRODUCTS	BILLING STOCK	250.65
		NEWBERRY NEWS	12/20 COMMENTS	81.00
		NEWBERRY WATER & LIGHT	BC/BS WITHHOLDING	511.09
			BC/BS WITHHOLDING	853.32
		PERRY, MATTHEW	BLUE CROSS/BLUE SHIELD REB	125.31
		SEMCO ENERGY GAS CO.	DEC GAS BILL ACCT #0235237	1,162.63
			ACCT#0235237.500	80.83
			ACCT #0235238.500	337.98
			307 MCMILLAN AVE GAS	15.48
			307 MCMILLAN AVE GAS	16.39
			307 MCMILLAN #0235237.500	126.89
			307 MCMILLAN #0235238/.500	190.77
		STANDARD, THE	LIFE INSURANCE	78.84
			LIFE INSURANCE - RETIREES	21.90
		TAQUAMENON AREA CREDIT UNION	LIFE INSURANCE	78.84
		UTILITY SALES AND SERVICE	DESK CALENDARS	9.53
		US BANK EQUIP FINANCE	CATRACK HOSE CARROR/TUBE	2,081.77
		VERIZON	COPIER LEASE PAYMENT & SUR	210.18
			CLERK 291-1626	27.79
			GENERAL 293-5681	13.35

DEPARTMENT	FUND	VENDOR NAME	DESCRIPTION	AMOUNT
TOTAL:				41,086.45
ELECTRIC GENERATION	ELECTRIC FUND	AT&T	PLANT #906-293-5648	79.69
			ACCT#146204500-4 W&L PLANT	80.32
			ACCT#806293564185313 W&L P	83.41
		ATT U-VERSE	ACCT #146204500-4	117.30
		GREAT LAKES FIRE & SAFETY EQUIPMENT	4-FIRE EXTINGUISHE YEARLY	120.00
		RAHILLY'S IGA	WATER	7.98
		VERIZON	MECHANIC 291-1632	13.36
TOTAL:				502.06
ELECTRIC	ELECTRIC FUND	PICKELMAN'S PETRO	FUEL FOR ELECTRIC VEHICLES	334.05
		PNTA	FLEET FUEL FOR DECEMBER	82.25
			CUSTLEX	565.89
			FREIGHT	142.70
		FOSTER'S ACE HARDWARE	SNOWSCRAPER	4.99
		NATIONAL OFFICE PRODUCTS	TAPE	12.50
			FASTENERS	11.49
			PAPER / TOWELS	96.49
		RANGE TELECOMMUNICATION	MISS DIG FOR DECEMBER 2017	7.92
		TAHQUAMENON AREA CREDIT UNION	ITEMS RETURNED	79.96
			H-MAC SYSTEMS INC-BR HEATE	24.02
		VERIZON	291-0608	53.25
			291-0608	53.25
			LINEMAN 291-0608	53.34
			SUPERINTENDENT 450-0919	53.34
		WEX BANK - SPEEDWAY UNIVERSAL	FUEL FOR DEC ELECTRIC	394.04
TOTAL:				1,809.56
POWER	ELECTRIC FUND	CLOVERLAND ELECTRIC CO-OP	DECEMBER 2017 HYDRO BILLIN	5,261.87
			JANUARY 2018 HYDRO BILLING	5,064.28
		CMS ENERGY RESOURCE MGT	PUCHASED POWER 1303.506	103,410.36
			1371.128 HYDRO BILL JAN 20	107,467.68
TOTAL:				221,204.19
ENERGY OPTIMIZATION	ELECTRIC FUND	MECA	MECA	0.30
			MONTHLY MARKETING & INCENT	308.68
			WECC MONTHLY IMP, MKT, INC	2,249.80
TOTAL:				2,558.78
WATER SYSTEM	WATER FUND	MISS DIG SYSTEM INC	MISS DIG MEMBERSHIP FER-WA	208.99
		PICKELMAN'S PETRO	FUEL FOR WATER VEHICLES	232.66
			FLEET FUEL FOR DECEMBER	17.19
		MI MUNICIPAL RISK MANAGEMENT AUTHORITY	LIABILITY/PROPERTY PREMIUM	2,119.44
			LIABILITY/PROPERTY PREMIUM	777.70
		DSTECH	MONITOR BACK OF SERVER	7.50
			ADDITIONAL GB STORAGE	63.82
			11-MICROSOFT OFFICE 365	80.75
			9-MONITORING, ANTIVIRUS	22.46
			1-MICROSOFT EXCHANGE	1.75
			REMOTE MONITORING W/PATCH	17.47
			W&L COMPUTER REPAIR	97.63
		EJ USA INC	HOSE PUMP, NOZZLES, O RING	372.70
			HOSE NOZZLE, PORT, CAP	337.31
		CYNDI McBRIDE	ASSISTANCE WITH W 2'S	45.00
		NORTHERN CREDIT BUREAU	D BURKE #30093016	46.54

DEPARTMENT	FUND	VENDOR NAME	DESCRIPTION	AMOUNT
		FIRST BANK UPPER MICHIGAN	MICHELLE BAYNTON H S A 201	1,000.00
			DONALD HOOPER HSA 2018	200.00
			MARY JORDAN H S A 2018	1,000.00
			JERRY OVERLAND H S A 2018	100.00
			ALLISON WATKINS H S A 2018	500.00
			BEVERLY HOLMES H S A 2018	500.00
			CYNDI MCBRIDE H S A 2018	1,000.00
			DAVE PATTERSON H S A 2018	2,000.00
			LORI STOKES H S A 2018	1,600.00
			KENNY UHLBECH H S A 2018	1,000.00
			BUCK VALLAD H S A 2018	1,000.00
		FOSTER'S ACE HARDWARE	SNOWSCRAPER	7.99
			RAGS IN A BOX	9.99
			POOL/SPA TEST STRIPS	19.98
		GREAT LAKES FIRE & SAFETY EQUIPMENT	20# EXT-HYDRO & TESTED	66.00
		HAWKINS INC	AZONE 15-EPA NO.7870-5	81.90
		LIVELY, JOSEPH	WATER SUPPLY CROSS/CONNECT	53.20
		LYNN AUTO PART INC.	FT CHUCK	4.59
			SOCKET	4.69
			PARK & TURN SIGNAL SOCKET	76.98
		MICHIGAN MUNICIPAL WC FUND	ELECT WORK COMP	613.93
		NATIONAL OFFICE PRODUCTS	TAPE	11.50
			FASTENERS	12.50
			BILLING STOCK	250.65
			PAPER / TOWELS	96.49
		CORE & MAIN LP	HOSE/NOZZLE RINGS/PUMPER	1,400.91
		NEWBERRY NEWS	11/1 FLUSHING	24.00
		RANGE TELECOMMUNICATION	MISS DIG FOR DECEMBER 2017	7.91
		SAULT STE MARIE CITY HALL	WATER SAMPLE ANALYSIS NOV	48.00
			WATER SAMPLES ANALYSIS 12.	48.00
		SONDEE, RACINE & DOREN, P.L.C.	LEGAL SERVICES FOR NOV 201	382.50
			LEGAL SERVICES FOR DEC 201	210.00
		STATE OF MICHIGAN - MIDEAL PROGRAM	MEMBERSHIP 1/1/2018-12/31/	45.00
		TAHQUAMENON AREA CREDIT UNION	RAMADA-LINMAN CEU	104.94
			HEATERS	479.10
			ORANGE TO GREEN GEL PACKET	12.99
			H-MAC SYSTEMS INC-BR HEATE	24.02
			DESK CALENDARS	9.53
		USA BLUEBOOK	DPD 4 DISPENSER/3/8TUBEX3/	977.45
		WEX BANK - SPEEDWAY UNIVERSAL	FUEL FOR WATER DEPT	159.74
			TOTAL:	19,593.39

DEPARTMENT	FUND	VENDOR NAME	DESCRIPTION	AMOUNT
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===== FUND TOTALS =====		
582	ELECTRIC FUND	298,020.05
591	WATER FUND	19,593.39

GRAND TOTAL:		317,613.44

TOTAL PAGES: 6

DEPARTMENT	FUND	VENDOR NAME	DESCRIPTION	AMOUNT
NON-DEPARTMENTAL	ELECTRIC FUND	AFLAC	AFLAC PRE-TAX	23.22
			AFLAC PRE-TAX	23.22
			AFLAC POST TAX	36.30
			AFLAC POST TAX	36.30
		EFTPS	FEDERAL WITHHOLDING	10.00
			FEDERAL WITHHOLDING	1,056.26
			FEDERAL WITHHOLDING	1,070.00
			FICA W/H	37.20
			FICA W/H	728.82
			FICA W/H	17.76
			FICA W/H	728.19
			MEDICARE W/H	8.72
			MEDICARE W/H	170.45
			MEDICARE W/H	4.15
			MEDICARE W/H	170.31
		STATE OF MICHIGAN	STATE WITHHOLDING	9.57
			STATE WITHHOLDING	480.35
			STATE WITHHOLDING	8.50
			STATE WITHHOLDING	486.11
		NATIONWIDE RETIREMENT SOLUTIONS	NATIONWIDE	41.02
			NATIONWIDE	41.02
		MISC VENDORS BURTON, JEANINE	3-02170-00	52.24
		BLUE CROSS BLUE SHIELD OF MICHIGAN	BLUE CROSS BLUE SHIELD OF	289.59
		MICHIGAN COUNCIL 25	MI COUNCIL 25/UNION DUES	158.80
		MERS DC PLAN #110353	JAN HYBRID	234.71
		STATE OF MICHIGAN	STATE OF MICHIGAN	7,087.62
			TOTAL:	13,010.43
ELECTRIC DISTRIBUTION	ELECTRIC FUND	QUINLAN, AMY	JANUARY 2018 CLEANING	125.00
			FEB CLEANING	125.00
		D & D HOME CENTER	LAMP HOLDERS	8.07
			DSTECH	7.50
		DSTECH	DSTECH	63.82
			DSTECH	80.75
			DSTECH	22.46
			DSTECH	1.75
			DSTECH	17.44
		FOSTER'S ACE HARDWARE	CONNECTOR BUTTS	3.49
			PVC FASTENERS COUPLER	5.24
			FRAME BLADE	12.99
			DRILL	7.00
		HIAWATHA TELEPHONE COMPANY	HIAWATHA TELEPHONE COMPANY	50.00
		MICHIGAN PUBLIC POWER AGENCY	JAN 2018 MPPA SERVICE	28.53
		NEWBERRY NEWS	NEWBERRY NEWS	90.00
			NEWBERRY NEWS	48.00
			NEWBERRY NEWS	21.00
		RAHILLY'S IGA	WATER	7.98
		SONDEE, RACINE & DOREN, P.L.C.	JAN 2018 SERVICES	112.50
			JAN 2018 SERVICES	52.50
			JAN 2018 SERVICES	93.75
			JAN 2018 SERVICES	180.00
			JAN 2018 SERVICES	22.50
		STANDARD ELECTRIC COMPANY	MFIXGTRAR549G2HOS	1,108.67
		TAHQUAMENON AREA CREDIT UNION	PEX CRIMP FITTINGS	14.24
		TYLER TECHNOLOGIES	TYLER TECHNOLOGIES	1,846.15
		US POSTAL SERVICE	FEB UTILITY BILLING	481.30

DEPARTMENT	FUND	VENDOR NAME	DESCRIPTION	AMOUNT
		VERIZON	VERIZON	26.67
			VERIZON	26.67
			VERIZON	26.67
			VERIZON	26.67
			VERIZON	26.67
			VERIZON	13.86
			VERIZON	13.86
			VERIZON	13.86
			VERIZON	27.79
			VERIZON	13.86
			VERIZON	13.33
			VERIZON	13.86
			VERIZON	78.24
			TOTAL:	4,959.64
ADMINISTRATION	ELECTRIC FUND	EFTPS	FICA W/H	37.20
			FICA W/H	728.82
			FICA W/H	17.76
			FICA W/H	728.19
			MEDICARE W/H	8.72
			MEDICARE W/H	170.45
			MEDICARE W/H	4.15
			MEDICARE W/H	170.31
		BLUE CROSS BLUE SHIELD OF MICHIGAN	BLUE CROSS BLUE SHIELD OF	9,816.12
			BLUE CROSS BLUE SHIELD OF	1,158.38
		DSTECH	SERVER ISSUES/ MICROSOFT S	47.81
		BECKETT & RAEDER	PLANNING SERVICES	120.00
		MERS DC PLAN #110353	JAN HYBRID	234.71
		MERS *** DO NOT CASH CHECK *** (EFT	MERS *** DO NOT CASH CHEC	1,070.00
			MERS *** DO NOT CASH CHEC	587.00
			MERS *** DO NOT CASH CHEC	727.29
		JENNIFER JAMES-MESLOH	MILEAGE	390.13
		LYNN AUTO PART INC.	CABLE TIES	4.99
			COOLANT	17.99
		NEWBERRY WATER & LIGHT	BC/BS WITHHOLDING	853.32
			BC/BS WITHHOLDING	853.32
		RAHILLY'S IGA	BLEACH/TRASH BAGS	23.14
		SEMCO ENERGY GAS CO.	SEMCO ENERGY GAS CO.	230.47
			SEMCO ENERGY GAS CO.	546.44
		STANDARD, THE	STANDARD, THE	78.84
			STANDARD, THE	21.90
		TAHQUAMENON AREA CREDIT UNION	POSTAGE	100.00
			POSTAGE	3.35
			ETHERNET CORD, CALENDAR	6.29
			ETHERNET CORD, CALENDAR	19.49
			TOILET PAPER	27.30
			CORRECTION TAPE	15.90
			MOP	8.50
		TYLER TECHNOLOGIES	TYLER TECHNOLOGIES	89.91
			TYLER TECHNOLOGIES	160.50
		US BANK EQUIP FINANCE	COPIER LEASE & SURCHARGE	361.20
		VERIZON	VERIZON	26.71
			TOTAL:	19,466.60
ELECTRIC GENERATION	ELECTRIC FUND	AT&T	ACCT	43.34
			AT&T	174.15

DEPARTMENT	FUND	VENDOR NAME	DESCRIPTION	AMOUNT
		VERIZON	VERIZON	13.89
			VERIZON	13.36
			TOTAL:	244.74
ELECTRIC	ELECTRIC FUND	PLANTE & MORAN	PLANTE & MORAN	344.10
		D & D HOME CENTER	LUMBER	53.12
		CTC ENGINEERING	CTC ENGINEERING	370.00
		HUNTER GARAGE DOORS	REPLACE SPRINGS & LUBED DO	302.97
		LYNN AUTO PART INC.	COOLANT/WASHER FLUID	18.57
		VERIZON	VERIZON	53.34
			VERIZON	53.34
		WEX BANK - SPEEDWAY UNIVERSAL	WEX BANK - SPEEDWAY UNIVER	187.50
			TOTAL:	1,382.94
POWER	ELECTRIC FUND	CMS ENERGY RESOURCE MGT	CMS ENERGY RESOURCE MGT	97,421.58
			TOTAL:	97,421.58
ENERGY OPTIMIZATION	ELECTRIC FUND	MECA	WECC, MONTHLY MAR, INCEN,	2,794.69
			TOTAL:	2,794.69
WATER SYSTEM	WATER FUND	PLANTE & MORAN	PLANTE & MORAN	344.10
		D & D HOME CENTER	RANGE CORD	22.99
		DANNY'S AUTO VALUE	OIL PRESS SWITCH	17.70
			WATER PUMP	48.97
		DSTECH	SERVER ISSUES/ MICROSOFT S	47.81
			DSTECH	7.50
			DSTECH	63.82
			DSTECH	80.75
			DSTECH	22.47
			DSTECH	1.75
			DSTECH	17.43
		BECKETT & RAEDER	PLANNING SERVICES	120.00
		FOSTER'S ACE HARDWARE	VALVE/COUPLING/LIME-RUST R	34.45
			PVC FASTENERS COUPLER	5.23
			PEX CLAMP/PLUGS/BUSHINGS/N	31.44
			ELBOW	8.99
			DRILL	6.99
			PEX ELBOW/ADAPTER/VALVE	22.27
		HAWKINS INC	AZONE 15 - EPA REG NO 7870	72.45
		HUNTER GARAGE DOORS	REPLACE SPRINGS & LUBED DO	302.97
		LYNN AUTO PART INC.	OIL FILTER	56.35
			BUMP RET	5.49
		NEWBERRY NEWS	NEWBERRY NEWS	21.00
		SAULT STE MARIE CITY HALL	SAULT STE MARIE CITY HALL	48.00
			WATER SAMPLE ANALYSIS FEB	48.00
		SONDEE, RACINE & DOREN, P.L.C.	JAN 2018 SERVICES	112.50
			JAN 2018 SERVICES	52.50
			JAN 2018 SERVICES	93.75
			JAN 2018 SERVICES	180.00
			JAN 2018 SERVICES	22.50
		TAHQUAMENON AREA CREDIT UNION	POSTAGE	3.35
			TOILET PAPER	27.29
			MOP	8.49
		TYLER TECHNOLOGIES	TYLER TECHNOLOGIES	1,183.84
			TYLER TECHNOLOGIES	89.90
			TYLER TECHNOLOGIES	160.50

DEPARTMENT	FUND	VENDOR NAME	DESCRIPTION	AMOUNT
		USA BLUEBOOK	PH TESTER/PH BUFFER PACK	184.90
		WEX BANK - SPEEDWAY UNIVERSAL	WEX BANK - SPEEDWAY UNIVER	360.92
			TOTAL:	3,939.36

===== FUND TOTALS =====		
582	ELECTRIC FUND	139,280.62
591	WATER FUND	3,939.36

	GRAND TOTAL:	143,219.98



Account: XMAS DECOR DONATIONS Current Time: 03/09/18 12:06:46 PM

Current Balance: \$16,320.55

Available Balance: \$16,320.55

Date	Ref/Check No	Description	Debit	Credit	Balance
02/28/2018		INTEREST PAID		\$3.73	\$16,320.55
Totals:		Transactions: 1	Debits: \$0.00	Credits: \$3.73	

**Newberry Water & Light
Cash Balance Report
31-Jan-18**

G/L Account	Electric Fund 582	Water Fund 583	Total Account Balance		
000-001.014 Save the Bells	16,116.82		16,116.82	First National St Ignace A/C#5000112 General checking	130,652.18
				First National St Ignace A/C#5000468 Utility sweep	5.00
				First National St Ignace A/C#5000385 Water Account PAD	5.00
				First National St Ignace A/C #7703432 Save the Bells	16,116.82
000-001.013 Cash	165,003.28	(33,990.45)	131,012.83	First National St Ignace A/C#5000500 Water supply system	350.65
				TOTAL	147,129.65
000-006.000 Direct Bill account	84,973.73	466,009.43	550,983.16	First National St Ignace A/C#7702483 Utility payments	281,256.03
				First National St Ignace A/C#7703424 UB credit card payments	82,740.80
				M Bank A/C#13503592	151,701.27
				Tahquamenon Area Credit Union	35,285.06
					550,983.16
000-003.000 Cash Investments	80,028.40	6,976.42	87,004.82	Tahquamenon Area Credit Union A/C#1305590	3,222.13
				First National St Ignace A/C#7702699 Construction fund	76,806.27
				First National St Ignace A/C#7701832	6,976.42
					87,004.82
TOTAL OPERATING CASH BALANCE	346,122.23	438,995.40	785,117.63		785,117.63
RESTRICTED ACCOUNTS					
004 Bond and Int Redemption 2005	-	33,309.39	33,309.39		
005 Bond and Int Redemption 2009	-	893.37	893.37		
006 Revenue Bond Reserve 2005	-	130,000.00	130,000.00		
007 Revenue Bond Reserve 2009	-	12,800.00	12,800.00		
008 Revenue Bond Reserve 2014	-	46,800.00	46,800.00		
010 Water Supply System RRI 2005	-	175,195.00	175,195.00		
011 Bond and Int Redemption 2014	-	-	-		
013 Water Supply System RRI 2014	-	45,096.00	45,096.00		
		444,093.76	444,093.76		
022 MISO CASH COLLATERAL	12,095.88	-	12,095.88	First National St Ignace A/C#7703168	444,093.76
				JP Morgan MISO F/B/O NWLB A/C#5030911	12,095.88

VILLAGE OF NEWBERRY

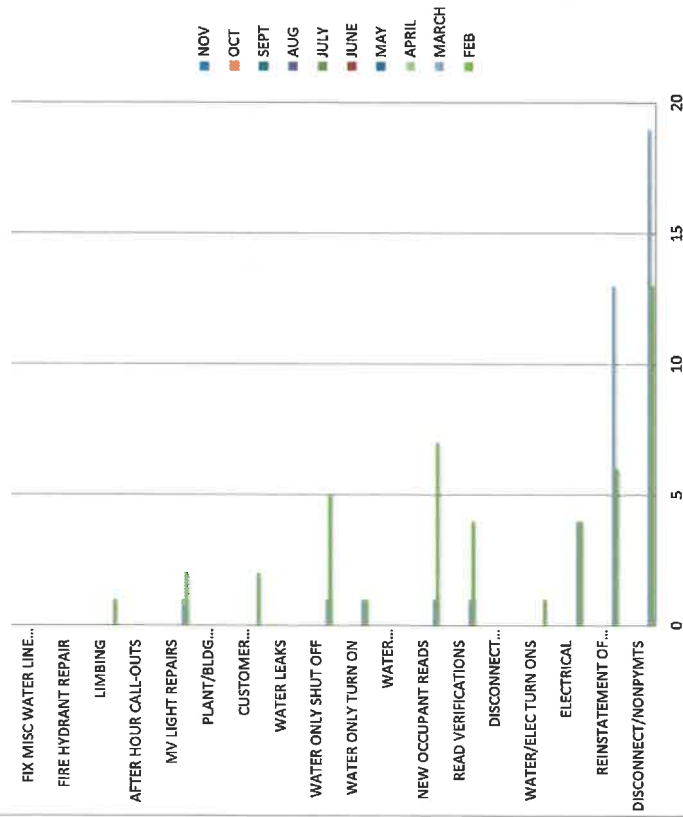


Moose Capital of Michigan

302 East McMillan Avenue, Newberry, MI 49868 Phone: 906-293-3433 Fax: 906-293-8569

**NEWBERRY WATER AND LIGHT
SUPERINTENDENT OF WATER AND LIGHT
MATT PERRY
FEBRUARY 2018**

- Snow Removal
- Union Negotiations
- Plant and Vehicle Cleanup/Maintenance
- Street Lights/Photocell/Unground Box (Repair)
- Samples
- OSHA Compliance
- Outage (Call Out, Dollarville Bad Trans)
- Disconnects for non-payments (23)
- DEQ Inspection
- Meter Reading
- Envelope Stuffing
- New Light At McMillan/Newberry Ave.
- Outage E Ave A (202)
- Pole Inventory (AT&T, Hiawatha, Charter)
- MECA Safety Meeting

[illegible]

**Water & Light
Water Pumpage Report - 2018**

MONTH	PUMPAGE	X 1,000,000	1000'S GALS	COST PER 1000 GALS	PUMPED NOT BILLED FOR	\$ BILLED FOR	GALS BILLED	LOSS	BILLED FOR	LOST REVENUE
JAN '17	4.052	4052000	4052	\$ 9.25	\$ 43,601.00	\$ 35,835.92	3213	21%	79%	\$ 7,765.08
FEB '17	5.586	5586000	5586	\$ 9.25	\$ 57,790.50	\$ 35,068.45	3123	44%	56%	\$ 22,722.05
MAR '17	4.919	4919000	4919	\$ 9.25	\$ 51,620.75	\$ 32,783.23	2870	42%	58%	\$ 18,837.52
APR '17	4.44	4440000	4440	\$ 9.25	\$ 47,190.00	\$ 26,693.75	2209	50%	50%	\$ 20,496.25
MAY '17	4.862	4862000	4862	\$ 9.25	\$ 51,093.50	\$ 33,410.04	2930	40%	60%	\$ 17,683.46
JUNE '17	6.218	6218000	6218	\$ 9.25	\$ 63,636.50	\$ 41,981.56	3867	38%	62%	\$ 21,654.94
JULY '17	5.236	5236000	5236	\$ 9.25	\$ 54,553.00	\$ 32,873.46	2888	45%	55%	\$ 21,679.54
					GOAL					
AUG '17	5.394	5394000	5394		\$ 80,000.00	\$ 82,799.37	5394	103%		\$ (2,799.37)
SEPT '17	5.566	5566000	5566		\$ 80,000.00	\$ 82,267.11	5566	103%		\$ (2,267.11)
OCT '17	4.53	4530000	4530		\$ 80,000.00	\$ 82,568.39	4530	103%		\$ (2,568.39)
NOV '17	4.634	4634000	4634		\$ 80,000.00	\$ 82,239.62	4634	103%		\$ (2,239.62)
DEC '17	4.339	4339000	4339		\$ 80,000.00	\$ 82,001.71	4339	103%		\$ (2,001.71)
					GOAL					
JAN '18	4.428	4428000	4428		\$ 80,000.00	\$ 74,408.55	4428	93.0%		\$ 5,591.45
FEB '18	3.780	3780000	3780		\$ 80,000.00	\$ 77,569.72	3780	97%		\$ 2,430.28
MAR '18					\$ 80,000.00			0%		
APR '18					\$ 80,000.00			0%		
MAY '18					\$ 80,000.00			0%		
JUNE '18					\$ 80,000.00			0%		
JULY '18					\$ 80,000.00			0%		
AUG '18					\$ 80,000.00			0%		
SEPT '18					\$ 80,000.00			0%		
OCT '18					\$ 80,000.00			0%		
NOV '18					\$ 80,000.00			0%		
DEC '18					\$ 80,000.00			0%		
				GOAL	\$ 960,000.00	\$ 151,978.27	% OF GOAL			
				BILLED TO DATE	\$ 151,978.27		16%			
				REMAINING NEEDED FOR BUDGET	\$ 808,021.73					

GALLONS OF WATER PUMPED

JAN '18
FEB '18
MAR '18
APR '18
MAY '18
JUNE '18
JULY '18
AUG '18
SEPT '18
OCT '18
NOV '18
DEC '18



WATER AND LIGHT
MISS DIGS

Water & Light
Miss Digs
February 2018

MISS DIGS	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17	Jul-17	Aug-17	Sep-17	Oct-17	Nov-17	Dec-17
000 RESPONSE PENDING												
001 NO CONFLICT												
002 MARKED												
003 NOT COMPLETE												
004 MARKED-UTILITY REQUIRED ON SITE DURING EXCAVATION												
005 ON GOING COORDINATION												
006 NOT MARKED-NO ACCESS TO WORK AREA												
007 STATED SCOPE OF WORK COMPLETED												
008 FACILITY RESPONSE NOT REQUIRED												
009 ADDITIONAL LOCATING REQUIRED												
010 EXEMPT FROM MARKING												
013 CANCELED												
201 DESIGN-TASK FACILITIES												
202 DESIGN-TASK COMPLETED												
203 DESIGN-MARKING REQUIRED												
999 HAS NOT RESPONDED												
TOTALS	0	0	0	0	0	0	0	0	0	0	0	0

WATER & LIGHT

Series1 Series2 Series3 Series4 Series5 Series6 Series7 Series8 Series9 Series10 Series11 Series12 Series13 Series14 Series15 Series16

AXIS TITLE

JAN-16
FEB-16
MAR-16
APR-16
MAY-16
JUN-16
JUL-16
AUG-16
SEP-16
OCT-16
NOV-16
DEC-16
JAN-17
FEB-17
MAR-17
APR-17
MAY-17
JUN-17
JUL-17
AUG-17
SEP-17
OCT-17
NOV-17
DEC-17

AXIS TITLE

2017 RATE SURVEY: COMMUNITIES WITH BOTH WATER & WASTEWATER - SORTED ALPHABETICALLY

PAGE 1 of 3

SYSTEM	WATER - 2017			WASTEWATER - 2017			2017 TOTAL WATER & SEWER	MHI 2010 CENSUS	% MHI WATER	%MHI SEWER	% MHI TOTAL	2013 TOTAL WATER & SEWER	% Rate Increase in 5 years
	COST/ 1,000 GAL	MONTHLY CHARGE	5,000 GAL TOTAL	COST/ 1,000 GAL	MONTHLY CHARGE	5,000 GAL TOTAL							
COMMUNITIES WITH BOTH WATER & WASTEWATER													
Adams Twp - Atlantic	\$6.00	\$25.00	\$43.00	\$6.30	\$22.00	\$31.45	\$74.45	37,669	1.37%	1.00%	2.37%	\$61.95	20.2%
Adams Twp - Painesdale	\$6.00	\$25.00	\$43.00	\$3.00	\$29.00	\$33.50	\$76.50	33,519	1.54%	1.20%	2.74%	\$64.00	19.5%
Adams Twp - Baltic	\$6.00	\$25.00	\$43.00	\$5.25	\$53.00	\$60.88	\$103.88	33,519	1.54%	2.18%	3.72%	\$91.38	13.7%
Adams Twp - Trimountain	\$6.00	\$25.00	\$43.00	\$5.25	\$47.00	\$54.88	\$97.88	33,519	1.54%	1.96%	3.50%	\$85.38	14.6%
Ahneek	\$9.62	\$52.31	\$81.93	\$4.25	\$8.83	\$38.91	\$100.84	33,125	2.24%	1.41%	3.65%	\$71.65	40.7%
Allouez Twp (1)	\$8.81	\$16.83	\$58.05	\$4.00	\$10.40	\$30.40	\$88.45	31,250	0.00%	1.17%	1.17%	\$80.34	10.1%
Alpha	\$1.00	\$32.00	\$33.00	\$1.00	\$35.00	\$36.00	\$69.00	25,417	1.56%	1.56%	3.12%	\$69.00	0.0%
Baraga	\$7.60	\$36.00	\$43.60	\$6.76	\$28.35	\$62.15	\$105.75	28,424	1.84%	2.62%	4.46%	\$87.80	20.4%
Baraga Township	\$7.60	\$38.50	\$46.10	\$6.76	\$28.35	\$62.15	\$108.25	39,303	1.41%	1.90%	3.31%	\$90.30	19.9%
Bates Township*	\$2.00	\$35.00	\$37.00	X	\$24.00	\$24.00	\$61.00	41,625	1.07%	0.69%	1.76%	\$61.00	0.0%
Bergland Twp	\$5.45	\$25.44	\$30.35	X	\$18.85	\$18.85	\$49.20	30,391	1.20%	0.74%	1.94%	\$47.30	4.0%
Bessemer	\$7.30	\$21.15	\$57.65	\$9.50	\$22.50	\$70.00	\$127.65	28,412	2.43%	2.96%	5.39%	\$78.65	62.3%
Calumet Twp (Village) (1), (3)	\$8.81	\$16.83	\$58.05	\$6.65	\$15.00	\$48.25	\$106.30	18,750	0.00%	0.00%	0.00%	\$87.69	21.2%
Carp Lake Twp (4)	\$15.00	\$22.00	\$97.00	\$8.50	\$41.00	\$41.00	\$138.00	30,781	1.26%	1.26%	2.51%	\$127.00	8.7%
Carp Lake Twp - White Pine (4)	\$10.00	\$22.00	\$72.00	\$8.50	\$41.00	\$41.00	\$113.00	30,781	1.18%	1.40%	2.59%	\$102.00	10.8%
Caspian	\$3.00	\$30.31	\$30.31	\$3.00	\$31.44	\$36.00	\$66.31	25,066	1.54%	1.54%	3.09%	\$59.19	12.0%
Chassell Twp	\$6.25	\$26.00	\$32.25	\$6.25	\$26.00	\$32.25	\$84.50	43,182	1.28%	1.08%	2.38%	\$62.50	3.2%
Chatham	\$5.40	\$19.50	\$46.50	X	\$39.00	\$39.00	\$85.50	33,917	2.76%	0.57%	3.33%	\$77.00	11.0%
Copper City	\$12.00	\$18.00	\$78.00	X	\$16.00	\$16.00	\$94.00	24,904	3.76%	0.77%	4.53%	\$80.00	17.5%
Crystal Falls	\$8.00	\$38.85	\$54.85	\$3.62	\$25.20	\$25.20	\$80.05	35,134	1.87%	0.86%	2.73%	\$77.00	4.0%
Crystal Falls Township**	\$6.98	\$30.56	\$30.78	\$8.95	\$32.00	\$62.00	\$82.78	39,028	0.95%	1.60%	2.55%	\$30.00	2.6%
DeTour	\$2.50	\$40.00	\$52.50	X	\$25.35	\$25.35	\$77.85	33,571	1.88%	0.91%	2.78%	\$72.85	6.9%
Escanaba	\$3.23	\$14.31	\$30.46	\$2.98	\$7.07	\$21.97	\$52.43	29,130	1.25%	0.91%	2.16%	\$43.85	19.6%
Escanaba - Wells Township	\$6.46	\$28.62	\$60.92	\$2.98	\$14.14	\$29.04	\$89.96	55,365	1.32%	0.63%	1.95%	\$75.10	19.8%
Forsyth Twp	\$10.00	\$25.00	\$55.00	\$10.00	\$20.00	\$50.00	\$105.00	47,639	1.39%	1.26%	2.64%	\$70.95	48.0%
Franklin Twp	\$1.00	\$16.00	\$16.00	\$6.80	\$30.50	\$64.50	\$80.50	37,738	0.51%	2.05%	2.56%	\$80.50	0.0%
Gaesta	\$4.37	\$35.35	\$35.35	\$5.90	\$30.50	\$30.50	\$65.85	26,136	1.62%	1.40%	3.02%	\$54.07	21.8%
Gladstone	\$5.20	\$10.00	\$36.00	\$6.15	\$8.50	\$39.25	\$75.25	41,458	1.04%	1.14%	2.18%	\$67.75	11.1%
Hancock	\$7.85	\$7.62	\$46.87	\$9.85	\$5.00	\$54.25	\$101.12	33,030	1.70%	1.97%	3.67%	\$78.62	28.6%
Houghton	\$4.60	\$1.85	\$32.25	\$8.74	X	\$43.72	\$75.97	21,993	1.76%	2.39%	4.15%	\$67.90	11.9%
Houghton County Airport	\$20.39	\$40.80	\$101.97	\$28.56	X	\$142.80	\$244.77	Z				\$148.95	64.3%
Hubbell (1), (2)	\$8.81	\$16.83	\$58.05	\$8.12	\$6.00	\$46.60	\$104.65	35,542	1.96%	1.57%	3.53%	\$81.64	28.2%
Interior Twp (Trout Crk)	\$3.20	\$29.50	\$32.70	\$3.20	\$8.50	\$11.70	\$44.40	32,503	1.21%	0.43%	1.64%	\$44.40	0.0%
Iron Mountain	\$3.40	\$14.50	\$31.47	\$4.18	\$7.00	\$27.90	\$59.37	41,204	0.92%	0.81%	1.73%	\$43.35	37.0%
Iron River, Stambaugh, & Min Hills	\$6.62	\$26.50	\$33.12	\$8.50	\$34.00	\$42.50	\$75.62	26,306	1.51%	1.94%	3.45%	\$71.42	5.9%

2017 RATE SURVEY: COMMUNITIES WITH BOTH WATER & WASTEWATER - SORTED ALPHABETICALLY

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SYSTEM	WATER - 2017			WASTEWATER - 2017			2017 TOTAL WATER & SEWER	MHI 2010 CENSUS	% MHI WATER	%MHI SEWER	% MHI TOTAL	2013 TOTAL WATER & SEWER	% Rate Increase in 5 years
	COST/ 1,000 GAL	MONTHLY CHARGE	5,000 GAL TOTAL	COST/ 1,000 GAL	MONTHLY CHARGE	5,000 GAL TOTAL							
COMMUNITIES WITH BOTH WATER & WASTEWATER													
Ironwood	\$7.37	\$21.06	\$57.89	\$9.02	\$30.46	\$75.56	\$133.45	29,693	2.34%	3.05%	5.39%	\$105.62	26.3%
Ironwood Twp (5)	\$8.25	\$38.35	\$79.60	\$7.30	\$22.15	\$58.65	\$138.25	42,892	2.23%	1.64%	3.87%	\$136.87	1.0%
Ishpeming	\$15.34	\$38.35	\$76.70	\$12.16	\$30.40	\$60.80	\$137.50	39,065	2.36%	1.87%	4.22%	\$85.75	60.3%
Ishpeming Twp	\$3.00	\$9.00	\$21.00	X	\$26.40	\$26.40	\$47.40	44,576	0.57%	0.71%	1.28%	\$38.40	23.4%
K I Sawyer	\$5.80	\$5.80	\$29.00	\$11.80	\$11.80	\$59.00	\$88.00	29,202	1.19%	2.42%	3.62%	\$82.00	7.3%
Kingsford	\$2.57	\$2.50	\$15.35	\$5.34	\$2.65	\$29.35	\$44.70	33,973	0.54%	1.04%	1.58%	\$26.35	69.6%
Kinross Twp	\$1.83	\$5.85	\$5.85	\$7.33	\$23.39	\$23.39	\$29.24	32,224	0.22%	0.87%	1.09%	\$23.10	26.6%
L'Anse	\$8.00	\$39.50	\$59.50	\$6.25	\$36.50	\$67.75	\$127.25	40,603	1.76%	2.00%	3.76%	\$104.20	22.1%
Lake Linden - Village	\$4.65	\$20.26	\$43.51	\$8.12	\$22.24	\$46.60	\$90.11	33,063	1.58%	1.89%	3.27%	\$68.78	31.0%
Lake Linden - Schoolcraft Twp	\$5.77	\$25.08	\$53.93	\$8.12	\$22.24	\$46.60	\$100.53	40,905	1.58%	1.37%	2.95%	\$76.45	31.5%
Laurium (1), (3)	\$8.81	\$16.83	\$58.05	\$6.65	\$15.00	\$48.25	\$106.30	33,083	2.11%	1.75%	3.86%	\$87.69	21.2%
Mackinac Island	\$3.64	\$9.94	\$28.14	\$9.26	\$23.06	\$69.21	\$97.35	48,594	0.69%	1.71%	2.40%	\$82.12	18.5%
Manistique	\$9.78	\$30.47	\$79.37	\$10.50	\$25.06	\$77.56	\$156.93	29,375	3.24%	3.17%	6.41%	\$118.36	32.6%
Manistique - Twp Customers	\$14.67	\$45.70	\$119.05	\$15.75	\$30.08	\$108.83	\$227.88	54,091	2.64%	2.41%	5.06%	\$172.60	32.0%
Maraisco Township	\$2.00	\$35.00	\$37.00	\$2.50	\$38.00	\$40.50	\$77.50	38,125	1.16%	1.27%	2.44%	\$68.00	14.0%
Marquette	\$6.88	X	\$33.40	\$10.39	X	\$51.95	\$85.35	36,797	1.09%	1.69%	2.78%	\$68.65	24.3%
Marquette Twp	\$8.66	\$21.50	\$64.80	\$11.83	\$15.70	\$74.85	\$139.65	58,750	1.32%	1.53%	2.85%	\$117.00	19.4%
McMillan Twp (Ewen)	\$5.71	\$40.00	\$40.00	\$5.00	\$47.50	\$47.50	\$87.50	30,448	1.58%	1.87%	3.45%	\$70.00	25.0%
Menominee - City	\$2.96	\$13.26	\$28.06	\$3.32	\$15.41	\$31.99	\$60.05	41,480	0.81%	0.93%	1.74%	\$44.41	35.2%
Menominee - Twp Customers	\$5.92	\$26.52	\$58.12	\$6.64	\$30.82	\$64.02	\$120.14	52,029	1.29%	1.48%	2.77%	\$81.25	47.9%
Munising	\$6.83	\$17.98	\$51.43	\$14.66	\$10.39	\$83.69	\$135.12	34,650	1.78%	2.90%	4.68%	\$97.82	38.1%
Negaunee	\$10.17	\$18.11	\$58.79	\$7.82	\$35.69	\$66.97	\$125.76	43,915	1.61%	1.83%	3.44%	\$106.88	17.7%
Newberry	X	\$75.00	\$75.00	X	\$35.00	\$35.00	\$110.00	36,993	2.43%	1.14%	3.57%	\$64.97	69.3%
Norway - City	\$6.25	\$25.00	\$56.25	\$9.25	\$25.00	\$71.25	\$127.50	36,006	1.87%	2.37%	4.25%	\$81.25	56.9%
Norway - Twp Customers	\$6.25	\$31.25	\$62.50	\$9.25	\$31.25	\$77.50	\$140.00	48,896	1.50%	1.86%	3.37%	\$88.75	57.7%
Ontonagon	\$10.00	\$22.00	\$72.00	\$6.00	\$21.00	\$51.00	\$123.00	32,950	2.62%	1.86%	4.48%	\$123.00	0.0%
Osceola Township - Tamarack	\$7.50	\$36.00	\$43.50	\$8.12	\$22.62	\$46.98	\$90.48	33,750	1.55%	1.67%	3.22%	\$72.70	24.5%
Pentland Twp	\$2.40	\$20.21	\$22.61	\$3.48	\$34.01	\$37.49	\$60.10	44,526	0.61%	1.01%	1.62%	\$46.30	28.8%
Portage Twp	\$4.00	\$20.75	\$38.75	\$7.50	\$32.50	\$66.25	\$105.00	40,547	1.15%	1.96%	3.11%	\$88.75	6.3%
Portage Twp - Naumkeg Shores	\$4.00	\$13.00	\$33.00	\$9.00	X	\$45.00	\$78.00	40,547	0.98%	1.33%	2.31%	\$78.00	0.0%
Portage Twp - Dakota Heights	\$6.00	\$16.00	\$46.00	\$10.00	\$30.50	\$80.50	\$126.50	40,547	1.36%	2.38%	3.74%	\$114.00	11.0%
Powell Twp	\$7.15	\$45.00	\$55.73	\$7.00	\$29.00	\$39.50	\$95.23	63,750	1.05%	0.74%	1.79%	\$64.00	48.8%
Republic Twp	X	\$38.00	\$38.00	X	\$41.00	\$41.00	\$79.00	25,766	1.77%	1.91%	3.68%	\$47.55	66.1%

2017 RATE SURVEY: COMMUNITIES WITH BOTH WATER & WASTEWATER - SORTED ALPHABETICALLY

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SYSTEM	WATER - 2017			WASTEWATER - 2017			2017 TOTAL WATER & SEWER	MHI 2010 CENSUS WATER	%MHI SEWER	% MHI TOTAL	2013 TOTAL WATER & SEWER	% Rate Increase in 5 years
	COST/ 1,000 GAL	MONTHLY CHARGE	5,000 GAL TOTAL	COST/ 1,000 GAL	MONTHLY CHARGE	5,000 GAL TOTAL						
COMMUNITIES WITH BOTH WATER & WASTEWATER												
Richmond Twp	\$2.00	\$25.00	\$35.00	\$4.00	\$35.00	\$55.00	\$90.00	1.21%	1.91%	3.12%	\$90.00	0.0%
Rockland Twp	\$2.00	\$35.00	\$45.00	\$1.00	\$10.00	\$15.00	\$60.00	1.37%	0.46%	1.83%	\$48.00	25.0%
Rudyard Twp	\$2.35	\$27.75	\$27.75	X	\$22.93	\$22.93	\$50.68	0.83%	0.68%	1.51%	X	
Sault Ste Marie - City Customers	\$9.01	\$2.00	\$47.07	\$10.27	\$3.20	\$54.55	\$101.62	1.60%	1.95%	3.45%	\$86.28	17.8%
Sault Ste Marie - Twp Cust	\$18.02	\$2.00	\$92.10	\$16.04	\$3.20	\$93.40	\$175.50	1.77%	1.60%	3.38%	\$147.92	18.6%
St. Ignace - City	\$5.55	\$16.00	\$43.75	\$6.80	\$48.15	\$48.15	\$91.90	1.44%	1.58%	3.02%	\$88.70	3.6%
St IgnaceTwp Customers	\$5.55	\$16.00	\$43.75	\$7.41	\$29.96	\$67.01	\$110.76	1.65%	2.53%	4.19%	\$99.03	11.8%
St Ignace - MoranTwp Cust	\$8.06	\$34.38	\$74.68	\$7.69	\$34.38	\$72.83	\$147.51	1.59%	1.55%	3.14%	\$132.85	11.0%
Seney Twp	\$2.00	\$22.50	\$22.50	X	\$35.00	\$35.00	\$7.50	1.11%	1.73%	2.84%	\$53.00	8.5%
Sherman Twp - Gay	X	\$45.00	\$45.00	X	\$25.00	\$25.00	\$70.00	1.31%	0.73%	2.04%	\$50.00	40.0%
South Range	\$3.45	\$14.60	\$24.95	\$15.40	\$7.30	\$37.30	\$62.25	0.89%	1.33%	2.23%	\$61.25	1.6%
Stambaugh Twp	\$3.00	\$15.00	\$25.00	\$3.30	\$30.00	\$30.00	\$55.00	0.66%	0.80%	1.46%	\$53.34	3.1%
Stephenson - City	\$3.33	\$19.48	\$26.14	\$2.25	\$33.20	\$35.70	\$61.84	1.28%	0.93%	2.21%	\$56.16	6.3%
Stephenson - Twp Customers	\$5.00	\$29.22	\$39.22	\$3.38	\$49.80	\$56.56	\$95.78	1.58%	1.09%	2.67%	\$87.26	9.8%
Superior Twp	\$3.16	\$32.00	\$35.98	\$1.94	\$14.34	\$24.04	\$60.02	0.78%	0.52%	1.30%	\$60.02	0.0%
Wakefield	\$4.76	\$10.00	\$33.80	\$2.60	\$27.53	\$40.53	\$74.33	1.22%	1.46%	2.68%	\$68.43	8.6%
Wakefield Twp (5)	\$7.25	\$54.00	\$90.25	X	\$31.50	\$31.50	\$121.75	3.77%	1.31%	5.08%	\$121.75	0.0%
Watersmeet Township	X	\$39.00	\$39.00	X	\$30.00	\$30.00	\$69.00	1.43%	1.10%	2.54%	\$67.00	3.0%
White Birch Mobile Home Park	\$2.84	\$6.00	\$20.20	\$2.84	\$6.00	\$20.20	\$40.40	Z			\$28.45	42.0%

Notes: (1) Water rates from Michigan American Water Co.

(2) Wastewater rates from Torch Lake SA

(3) Wastewater rates from North Houghton Co. Sewer Auth

(4) Water rates from Ontonagon

(5) Water rates from Gogebic Range Water Auth.

MHI = Median Household Income from U.S. Census data

* Means 2017 rates compared to 2008 rates

** Means 2013 sewer rates were not provided,

so % increase is for water only

X Means no value included in rate ordinance

Z Means no MHI census data available for utility

2017			
AVERAGE (mean) =	\$46.50	\$44.15	\$94.80
MEDIAN =	\$43.20	\$40.53	\$90.06
STANDARD DEVIATION =	\$20.12	\$22.08	\$36.85
Mean % Increase in 5 Yrs =	18.3%	10.8%	18.6%
Water Rates Wastewater Rates Water & Wastewater Rates			

2017 RATE SURVEY: COMMUNITIES WITH BOTH WATER & WASTEWATER - SORTED BY TOTAL CUSTOMER RATE PER 5,000 GALLONS

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SYSTEM	WATER - 2017			WASTEWATER - 2017			2017 TOTAL WATER & SEWER	MHI 2010 CENSU S	% MHI WATER	%MHI SEWER	% MHI TOTAL	2013 TOTAL WATER & SEWER	% Rate Increase In 5 years	
	COST/ 1,000 GAL	MONTHLY CHARGE	5,000 GAL TOTAL	COST/ 1,000 GAL	MONTHLY CHARGE	5,000 GAL TOTAL								
COMMUNITIES WITH BOTH WATER & WASTEWATER														
Houghton County Airport	\$20.39	\$40.80	\$101.97	\$28.56	X	\$142.80	\$244.77	Z				\$148.95	64.3%	
Manistique - Twp Customers	\$14.67	\$45.70	\$119.05	\$15.75	\$30.08	\$108.83	\$227.88	54,091	2.64%	2.41%	5.06%	\$172.60	32.0%	
Sault Ste Marie - Twp Cust	\$18.02	\$2.00	\$92.10	\$16.04	\$3.20	\$83.40	\$175.50	62,396	1.77%	1.60%	3.36%	\$147.92	18.6%	
Manistique	\$9.78	\$30.47	\$78.37	\$10.50	\$25.06	\$77.56	\$156.93	29,375	3.24%	3.17%	6.41%	\$118.36	32.8%	
St Ignace - MoranTwp Cust	\$8.06	\$34.38	\$74.68	\$7.69	\$34.38	\$72.83	\$147.51	56,375	1.59%	1.59%	3.14%	\$132.85	11.0%	
Norway - Twp Customers	\$6.25	\$31.25	\$92.50	\$9.25	\$31.25	\$77.50	\$140.00	49,896	1.50%	1.86%	3.37%	\$88.75	57.7%	
Marquette Twp	\$8.66	\$21.50	\$64.80	\$11.83	\$15.70	\$74.85	\$139.65	58,760	1.32%	1.53%	2.85%	\$117.00	19.4%	
Carp Lake Twp (4)	\$15.00	\$22.00	\$97.00	\$8.50	\$41.00	\$41.00	\$138.00	30,781	2.01%	3.26%	5.27%	\$127.00	8.7%	
Munising	\$6.83	\$17.98	\$51.43	\$14.66	\$10.39	\$83.69	\$135.12	34,650	1.78%	2.90%	4.68%	\$97.82	38.1%	
Ironwood	\$7.37	\$21.06	\$57.89	\$9.02	\$30.46	\$75.56	\$133.45	29,693	2.34%	3.05%	5.39%	\$105.62	26.3%	
Ironwood Twp (5)	\$8.25	\$38.35	\$79.60	\$7.30	\$22.15	\$68.65	\$138.25	42,882	2.23%	1.64%	3.87%	\$136.87	1.0%	
Ishpeming	\$15.34	\$38.35	\$76.70	\$12.16	\$30.40	\$60.80	\$137.50	39,065	2.36%	1.87%	4.22%	\$85.75	60.3%	
L'Anse	\$8.00	\$39.50	\$59.50	\$8.25	\$36.50	\$67.75	\$127.25	40,603	1.76%	2.00%	3.76%	\$104.20	22.1%	
Norway - City	\$6.25	\$25.00	\$56.25	\$9.25	\$25.00	\$71.25	\$127.50	36,006	1.87%	2.37%	4.25%	\$81.25	56.9%	
Bessemer	\$7.30	\$21.15	\$57.65	\$9.50	\$22.50	\$70.00	\$127.65	28,412	2.43%	2.96%	5.39%	\$78.65	62.3%	
Portage Twp - Dakota Heights	\$6.00	\$16.00	\$46.00	\$10.00	\$30.50	\$80.50	\$126.50	40,547	1.36%	2.38%	3.74%	\$114.00	11.0%	
Negaunee	\$10.17	\$18.11	\$58.79	\$7.82	\$35.69	\$66.97	\$125.76	43,915	1.61%	1.83%	3.44%	\$106.88	17.7%	
Ontonagon	\$10.00	\$22.00	\$72.00	\$6.00	\$21.00	\$51.00	\$123.00	32,950	2.62%	1.86%	4.48%	\$123.00	0.0%	
Wakefield Twp (5)	\$7.25	\$54.00	\$90.25	X	\$31.50	\$31.50	\$121.75	28,750	3.77%	1.31%	5.08%	\$121.75	0.0%	
Menominee - Twp Customers	\$5.92	\$26.52	\$56.12	\$6.64	\$30.82	\$64.02	\$120.14	52,029	1.29%	1.48%	2.77%	\$81.25	47.9%	
St IgnaceTwp Customers	\$5.55	\$16.00	\$43.75	\$7.41	\$29.96	\$67.01	\$110.76	31,759	1.65%	2.53%	4.19%	\$99.03	11.8%	
Carp Lake Twp - White Pine (4)	\$10.00	\$22.00	\$72.00	\$8.50	\$41.00	\$41.00	\$113.00	30,781	2.92%	1.36%	4.29%	\$102.00	10.8%	
Newberry	X	\$75.00	\$75.00	X	\$35.00	\$35.00	\$110.00	36,993	2.43%	1.14%	3.57%	\$64.97	69.3%	
Baraga	\$7.60	\$36.00	\$43.60	\$6.76	\$28.35	\$62.15	\$105.75	28,424	1.84%	2.62%	4.46%	\$87.80	20.4%	
Baraga Township	\$7.60	\$36.50	\$46.10	\$6.76	\$28.35	\$62.15	\$108.25	39,303	1.41%	1.90%	3.31%	\$90.30	19.9%	
Calumet Twp (Village) (1), (3)	\$8.81	\$16.33	\$58.05	\$6.65	\$15.00	\$48.25	\$106.30	18,750	0.00%	0.00%	0.00%	\$87.69	21.2%	
Laurium (1), (3)	\$8.81	\$16.83	\$58.05	\$6.65	\$15.00	\$48.25	\$106.30	33,083	2.11%	1.75%	3.86%	\$87.69	21.2%	
Forsyth Twp	\$10.00	\$25.00	\$55.00	\$10.00	\$20.00	\$50.00	\$105.00	47,699	1.39%	1.26%	2.64%	\$70.95	48.0%	
Portage Twp	\$4.00	\$20.75	\$38.75	\$7.50	\$32.50	\$66.25	\$105.00	40,547	1.15%	1.96%	3.11%	\$98.75	6.3%	
Hubbell (1), (2)	\$8.81	\$16.83	\$58.05	\$6.12	\$6.00	\$46.60	\$104.65	35,542	1.96%	1.57%	3.53%	\$81.64	28.2%	
Adams Twp - Baltic	\$8.00	\$25.00	\$43.00	\$5.25	\$53.00	\$60.88	\$103.88	33,519	1.54%	2.18%	3.72%	\$91.38	13.7%	
Sault Ste Marie - City Customers	\$9.01	\$2.00	\$47.07	\$10.27	\$3.20	\$54.55	\$101.62	35,323	1.60%	1.85%	3.45%	\$88.28	17.8%	
Hancock	\$7.85	\$7.62	\$46.87	\$9.85	\$5.00	\$54.25	\$101.12	33,030	1.70%	1.97%	3.67%	\$78.62	28.6%	
Ahmeek	\$9.62	\$52.31	\$61.93	\$4.25	\$8.83	\$38.91	\$100.84	33,125	2.24%	1.41%	3.65%	\$71.85	40.7%	
Lake Linden - Schoolcraft Twp	\$5.77	\$25.08	\$53.93	\$8.12	\$22.24	\$46.60	\$100.53	40,905	1.58%	1.37%	2.85%	\$76.45	31.5%	
Adams Twp - Trimountain	\$6.00	\$25.00	\$43.00	\$5.25	\$47.00	\$54.88	\$97.88	33,519	1.54%	1.98%	3.50%	\$85.38	14.6%	
Mackinac Island	\$3.64	\$9.94	\$28.14	\$9.26	\$23.06	\$69.21	\$97.35	48,594	0.69%	1.71%	2.40%	\$82.12	18.5%	

2017 RATE SURVEY: COMMUNITIES WITH BOTH WATER & WASTEWATER - SORTED BY TOTAL CUSTOMER RATE PER 5,000 GALLONS

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SYSTEM	WATER - 2017			WASTEWATER - 2017			2017 TOTAL WATER & SEWER	MHI 2010 CENSU S	% MHI WATER	%MHI SEWER	% MHI TOTAL	2013 TOTAL WATER & SEWER	% Rate Increase in 5 years
	COST/ 1,000 GAL	MONTHLY CHARGE	5,000 GAL TOTAL	COST/ 1,000 GAL	MONTHLY CHARGE	5,000 GAL TOTAL							
COMMUNITIES WITH BOTH WATER & WASTEWATER													
Stephenson - Twp Customers	\$5.00	\$29.22	\$39.22	\$3.38	\$49.80	\$56.56	\$95.78	43,077	1.58%	1.08%	2.67%	\$87.26	9.8%
Powell Twp	\$7.15	\$45.00	\$55.73	\$7.00	\$29.00	\$39.50	\$96.23	63,750	1.05%	0.74%	1.79%	\$64.00	48.8%
Copper City	\$12.00	\$18.00	\$78.00	X	\$16.00	\$16.00	\$94.00	24,904	3.76%	0.77%	4.53%	\$80.00	17.5%
Lake Linden - Village	\$4.65	\$20.26	\$43.51	\$8.12	\$22.24	\$46.80	\$90.11	33,083	1.58%	1.69%	3.27%	\$68.78	31.0%
St. Ignace - City	\$5.55	\$16.00	\$43.75	\$6.80	\$48.15	\$48.15	\$91.90	36,510	1.44%	1.58%	3.02%	\$88.70	3.6%
Osceola Township - Tamarack	\$7.50	\$36.00	\$43.50	\$8.12	\$22.62	\$46.98	\$90.48	33,760	1.55%	1.67%	3.22%	\$72.70	24.5%
Richmond Twp	\$2.00	\$25.00	\$35.00	\$4.00	\$35.00	\$55.00	\$90.00	34,583	1.21%	1.91%	3.12%	\$90.00	0.0%
Escanaba - Wells Township	\$6.46	\$28.62	\$60.92	\$2.98	\$14.14	\$29.04	\$89.96	55,365	1.32%	0.63%	1.95%	\$75.10	19.8%
Allouez Twp (1)	\$8.81	\$16.83	\$58.05	\$4.00	\$10.40	\$30.40	\$88.45	31,250	0.00%	1.17%	1.17%	\$80.34	10.1%
K I Sawyer	\$5.80	\$5.80	\$29.00	\$11.80	\$11.80	\$59.00	\$88.00	29,202	1.19%	2.42%	3.62%	\$82.00	7.3%
McMillan Twp (Ewen)	\$5.71	\$40.00	\$40.00	\$5.00	\$47.50	\$47.50	\$87.50	30,448	1.58%	1.87%	3.45%	\$70.00	25.0%
Chatham	\$5.40	\$19.50	\$46.50	X	\$39.00	\$39.00	\$85.50	33,917	1.65%	1.38%	3.03%	\$77.00	11.0%
Marquette	\$6.68	X	\$33.40	\$10.39	X	\$51.95	\$85.35	36,797	1.09%	1.69%	2.78%	\$88.85	24.3%
Crystal Falls Twp **	\$6.98	\$30.56	\$30.78	\$8.95	\$52.00	\$52.00	\$82.78	39,028	0.95%	1.60%	2.55%	\$30.00	2.6%
Franklin Twp	\$1.00	\$16.00	\$16.00	\$6.80	\$30.50	\$64.50	\$90.50	37,738	0.51%	2.05%	2.56%	\$80.50	0.0%
Republic Twp	X	\$38.00	\$38.00	X	\$41.00	\$41.00	\$79.00	25,768	1.77%	1.91%	3.68%	\$47.55	66.1%
Portage Twp - Naumkeg Shores	\$4.00	\$13.00	\$33.00	\$9.00	X	\$45.00	\$78.00	40,547	0.98%	1.33%	2.31%	\$78.00	0.0%
DeTour	\$2.50	\$40.00	\$52.50	X	\$25.35	\$25.35	\$77.85	33,571	1.88%	0.91%	2.78%	\$72.85	6.9%
Marenisco Township	\$2.00	\$35.00	\$37.00	\$2.60	\$38.00	\$40.50	\$77.50	38,125	1.16%	1.27%	2.44%	\$68.00	14.0%
Adams Twp - Painesdale	\$6.00	\$25.00	\$43.00	\$3.00	\$29.00	\$33.50	\$76.50	33,519	1.54%	1.20%	2.74%	\$64.00	19.5%
Houghton	\$4.60	\$1.85	\$32.25	\$8.74	X	\$43.72	\$75.97	21,993	1.76%	2.39%	4.15%	\$67.90	11.9%
Iron River, Stambaugh, & Min Hills	\$6.62	\$26.50	\$33.12	\$8.60	\$34.00	\$42.50	\$75.62	28,306	1.51%	1.94%	3.45%	\$71.42	5.9%
Gladstone	\$5.20	\$10.00	\$36.00	\$6.15	\$8.50	\$39.25	\$75.25	41,458	1.04%	1.14%	2.18%	\$67.75	11.1%
Adams Twp - Atlantic	\$6.00	\$25.00	\$43.00	\$6.30	\$22.00	\$31.45	\$74.45	37,669	1.37%	1.00%	2.37%	\$61.95	20.2%
Wakefield	\$4.76	\$10.00	\$33.80	\$2.80	\$27.53	\$40.53	\$74.33	33,250	1.22%	1.46%	2.68%	\$68.43	8.6%
Sherman Twp - Gay	X	\$45.00	\$45.00	X	\$25.00	\$25.00	\$70.00	41,084	1.31%	0.73%	2.04%	\$50.00	40.0%
Watersmeet Township	X	\$39.00	\$39.00	X	\$30.00	\$30.00	\$69.00	32,614	1.43%	1.10%	2.54%	\$67.00	3.0%
Alpha	\$1.00	\$32.00	\$33.00	\$1.00	\$35.00	\$36.00	\$69.00	25,417	1.56%	1.56%	3.12%	\$69.00	0.0%
Caspian	\$3.00	\$30.31	\$30.31	\$3.00	\$31.44	\$36.00	\$68.31	25,086	1.54%	1.54%	3.09%	\$59.19	12.0%
Gaastra	\$4.37	\$35.35	\$35.35	\$5.90	\$30.50	\$30.50	\$65.85	26,136	1.62%	1.40%	3.02%	\$54.07	21.8%
Chassell Twp	\$6.25	\$26.00	\$32.25	\$6.25	\$26.00	\$32.25	\$64.50	43,182	0.98%	0.85%	1.83%	\$62.50	3.2%
South Range	\$3.45	\$14.60	\$24.95	\$15.40	\$7.30	\$37.30	\$62.25	33,542	0.89%	1.33%	2.23%	\$61.25	1.6%
Stephenson - City	\$3.33	\$19.48	\$26.14	\$2.25	\$33.20	\$35.70	\$61.84	33,571	1.28%	0.93%	2.21%	\$58.16	6.3%
Bates Township***	\$2.00	\$35.00	\$37.00	X	\$24.00	\$24.00	\$61.00	41,625	1.07%	0.69%	1.76%	\$61.00	0.0%
Pentland Twp	\$2.40	\$20.21	\$22.61	\$3.48	\$34.01	\$37.49	\$60.10	44,526	0.61%	1.01%	1.62%	\$46.30	29.8%
Superior Twp	\$3.16	\$32.00	\$35.98	\$1.94	\$14.34	\$24.04	\$60.02	55,542	0.78%	0.52%	1.30%	\$60.02	0.0%

2017 RATE SURVEY: COMMUNITIES WITH BOTH WATER & WASTEWATER - SORTED BY TOTAL CUSTOMER RATE PER 5,000 GALLONS

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SYSTEM	WATER - 2017			WASTEWATER - 2017			MHI 2010 CENSUS \$	% MHI WATER	%MHI SEWER	% MHI TOTAL	2013 TOTAL WATER & SEWER	% Rate Increase in 5 years
	COST/ 1,000 GAL	MONTHLY CHARGE	5,000 GAL TOTAL	COST/ 1,000 GAL	MONTHLY CHARGE	5,000 GAL TOTAL						
COMMUNITIES WITH BOTH WATER & WASTEWATER												
Menominee - City	\$2.96	\$13.26	\$28.06	\$3.32	\$15.41	\$31.99	41,480	0.81%	0.93%	1.74%	\$44.41	35.2%
Rockland Twp	\$2.00	\$35.00	\$45.00	\$1.00	\$10.00	\$15.00	39,375	1.37%	0.46%	1.83%	\$48.00	25.0%
Interior Twp (Trout Crk)	\$3.20	\$29.50	\$32.70	\$3.20	\$8.50	\$11.70	32,503	1.21%	0.43%	1.64%	\$44.40	0.0%
Iron Mountain	\$3.40	\$14.50	\$31.47	\$4.18	\$7.00	\$27.90	41,204	0.92%	0.81%	1.73%	\$43.35	37.0%
Seney Twp	\$2.00	\$22.50	\$22.50	X	\$35.00	\$35.00	24,286	1.11%	1.73%	2.84%	\$53.00	8.5%
Stambaugh Twp	\$3.00	\$15.00	\$25.00	\$3.30	\$30.00	\$30.00	45,134	0.88%	0.80%	1.68%	\$53.34	3.1%
Escanaba	\$3.23	\$14.31	\$30.46	\$2.98	\$7.07	\$21.97	29,130	1.25%	0.91%	2.16%	\$43.85	19.6%
Rudyard Twp	\$2.35	\$27.75	\$27.75	X	\$22.93	\$22.93	40,260	0.83%	0.68%	1.51%	X	
Bergland Twp	\$5.45	\$25.44	\$30.35	X	\$18.85	\$18.85	30,391	1.20%	0.74%	1.94%	\$38.40	28.1%
Ishpeming Twp	\$3.00	\$9.00	\$21.00	X	\$26.40	\$26.40	44,576	0.57%	0.71%	1.28%	\$47.30	0.2%
Kingsford	\$2.57	\$2.50	\$15.35	\$5.34	\$2.65	\$29.35	33,973	0.54%	1.04%	1.58%	\$26.35	68.6%
White Birch Mobile Home Park	\$2.84	\$6.00	\$20.20	\$2.84	\$6.00	\$20.20	Z				\$28.35	53.3%
Kinross Twp	\$1.83	\$5.85	\$5.85	\$7.33	\$23.39	\$23.39	32,224	0.22%	0.87%	1.09%	\$23.10	26.6%

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Notes: (1) Water rates from Michigan American Water Co.

(2) Wastewater rates from Torch Lake SA

(3) Wastewater rates from North Houghton Co. Sewer Auth

(4) Water rates from Ontonagon

(5) Water rates from Gogebic Range Water Auth.

MHI = Median Household Income from U.S. Census data

* Means 2017 rates compared to 2008 rates

** Means 2013 sewer rates were not provided,

so % increase is for water only

X Means no value included in rate ordinance

Z Means no MHI census data available for utility

**2017 RATE SURVEY: CUSTOMER COST FOR WATER ONLY
SORTED BY TOTAL CUSTOMER RATE PER 5,000 GALLONS**

PAGE 1 of 3

SYSTEM	WATER - 2017			MHI 2010 CENSUS	% MHI WATER	2013 WATER RATES	5-Year % Change
	COST/ 1,000 GAL	MONTHLY CHARGE	5,000 GAL TOTAL				
Manistique - Twp Customers	\$14.67	\$45.70	\$119.05	54,091	2.64%	\$86.18	38.1%
Houghton County Airport	\$20.39	\$40.80	\$101.97	Z		\$84.50	20.7%
Ontonagon - Twp Customers	\$15.00	\$22.00	\$97.00	33,150	3.51%	\$97.00	0.0%
Carp Lake Twp (4)	\$15.00	\$22.00	\$97.00	30,781	3.78%	\$97.00	0.0%
Sault Ste Marie - Twp Cust	\$18.02	\$2.00	\$92.10	62,396	1.77%	\$78.48	17.4%
Wakefield Twp (5)	\$7.25	\$54.00	\$90.25	28,750	3.77%	\$90.25	0.0%
Manistique	\$9.78	\$30.47	\$79.37	29,375	3.24%	\$57.45	38.2%
Copper City	\$12.00	\$18.00	\$78.00	24,804	3.76%	\$64.00	21.9%
Ishpeming	\$15.34	\$38.35	\$76.70	39,065	2.36%	\$44.75	71.4%
Ironwood Twp (5)	\$8.25	\$38.35	\$79.60	42,892	2.23%	\$76.25	4.4%
Newberry	X	\$75.00	\$75.00	36,993	2.43%	\$35.00	114.3%
St Ignace - MoranTwp Cust	\$8.06	\$34.38	\$74.68	56,375	1.59%	\$70.08	6.2%
Eagle Harbor Twp	\$4.50	\$50.50	\$73.00	48,750	1.80%	\$73.00	0.0%
Carp Lake Twp - White Pine (4)	\$10.00	\$22.00	\$72.00	30,781	2.81%	\$72.00	0.0%
Ontonagon	\$10.00	\$22.00	\$72.00	32,950	2.62%	\$72.00	0.0%
Gogebic Range Water Authority	\$7.33	\$34.18	\$70.83	Z			
Marquette Twp	\$8.66	\$22.00	\$65.30	58,750	1.33%	\$50.15	30.2%
Norway - Twp Customers	\$6.25	\$31.25	\$62.50	49,896	1.50%	\$36.25	72.4%
Bessemer Twp (5)	\$6.50	\$30.00	\$62.50	35,909	2.09%	\$62.50	0.0%
Ahmeek	\$9.62	\$52.31	\$61.93	33,125	2.24%	\$43.30	43.0%
Escanaba - Wells Township	\$6.46	\$28.62	\$60.92	55,365	1.32%	\$50.50	20.6%
L'Anse	\$8.00	\$39.50	\$59.50	40,803	1.76%	\$43.85	35.7%
Ironwood	\$7.37	\$21.06	\$57.89	29,693	2.34%	\$45.00	28.6%
Negaunee	\$10.17	\$18.11	\$58.79	43,915	1.61%	\$53.56	9.8%
Laurium (1), (3)	\$8.81	\$16.83	\$58.05	33,083	2.11%	\$49.94	16.2%
Calumet Twp (Village) (1), (3)	\$8.81	\$16.83	\$58.05	18,750	3.72%	\$49.94	16.2%
Hubbell (1), (2)	\$8.81	\$16.83	\$58.05	35,542	1.96%	\$49.94	16.2%
Allouez Twp (1)	\$8.81	\$16.83	\$58.05	31,250	2.23%	\$49.94	16.2%
Michigan American Water Co.	\$8.81	\$16.83	\$58.05	Z		\$49.94	16.2%
Bessemer	\$7.30	\$21.15	\$57.65	28,412	2.43%	\$38.65	49.2%
Norway - City	\$6.25	\$25.00	\$56.25	36,006	1.87%	\$32.50	73.1%
Menominee - Twp Customers	\$5.92	\$26.52	\$56.12	52,029	1.29%	\$34.75	61.5%
Powell Twp	\$7.15	\$45.00	\$55.73	63,750	1.05%	\$35.00	59.2%
Forsyth Twp	\$10.00	\$25.00	\$55.00	47,639	1.39%	\$37.00	48.6%
Crystal Falls	\$8.00	\$38.85	\$54.85	35,134	1.87%	\$53.00	3.5%
Lake Linden - Schoolcraft Twp	\$5.77	\$25.08	\$53.93	40,905	1.58%	\$39.45	36.7%
DeTour	\$2.50	\$40.00	\$52.50	33,571	1.88%	\$47.50	10.5%
Munising	\$6.83	\$17.98	\$51.43	34,650	1.78%	\$36.30	41.7%
Germfask Twp	X	\$50.00	\$50.00	38,189	1.57%	\$40.00	25.0%
Hancock	\$7.85	\$7.62	\$46.87	33,030	1.70%	\$41.87	11.9%
Rockland Twp	\$1.00	\$45.00	\$49.00	39,375	1.49%	\$33.00	48.5%
Negaunee Twp	\$6.20	\$17.56	\$48.56	62,500	0.93%	\$36.00	34.9%
Breitung Twp - East Kingsford	\$7.10	\$13.00	\$48.50	43,657	1.33%	\$44.05	10.1%
Maple Ridge Twp	\$5.00	\$37.75	\$47.75	39,688	1.44%	\$27.00	76.9%
Sault Ste Marie - City Customers	\$9.01	\$2.00	\$47.07	35,323	1.60%	\$39.90	18.0%
Chatham	\$5.40	\$19.50	\$46.50	33,917	1.65%	\$43.00	8.1%
Baraga Township	\$7.60	\$38.50	\$46.10	39,303	1.41%	\$30.50	51.1%
Portage Twp - Dakota Heights	\$6.00	\$16.00	\$46.00	40,547	1.36%	\$46.00	0.0%

2017 RATE SURVEY: CUSTOMER COST FOR WATER ONLY
SORTED BY TOTAL CUSTOMER RATE PER 5,000 GALLONS

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SYSTEM	WATER - 2017			MHI 2010 CENSUS	% MHI WATER	2013 WATER RATES	5-Year % Change
	COST/ 1,000 GAL	MONTHLY CHARGE	5,000 GAL TOTAL				
Sherman Twp - Gay	X	\$45.00	\$45.00	41,094	1.31%	\$25.00	80.0%
Rockland Twp	\$2.00	\$35.00	\$45.00	39,375	1.37%	\$33.00	36.4%
St. Ignace - City	\$5.55	\$16.00	\$43.75	36,510	1.44%	\$40.55	7.3%
St Ignace Twp Customers	\$5.55	\$16.00	\$43.75	31,759	1.65%	\$40.55	7.3%
Baraga	\$7.60	\$36.00	\$43.60	28,424	1.84%	\$28.00	55.7%
Lake Linden - Village	\$4.65	\$20.26	\$43.51	33,063	1.58%	\$31.78	36.9%
Franklin-Quincy Water Auth.	\$1.68	\$35.00	\$43.40	Z			
Adams Twp - Atlantic	\$6.00	\$25.00	\$43.00	37,669	1.37%	\$30.50	41.0%
Adams Twp - Baltic	\$6.00	\$25.00	\$43.00	33,519	1.54%	\$30.50	41.0%
Adams Twp - Painesdale	\$6.00	\$25.00	\$43.00	33,519	1.54%	\$30.50	41.0%
Adams Twp - Trimountain	\$6.00	\$25.00	\$43.00	33,519	1.54%	\$30.50	41.0%
Ely Twp - Diorite	X	\$43.00	\$43.00	46,244	1.12%	\$28.00	53.6%
Osceola Township - Tamarack	\$7.50	\$36.00	\$43.50	33,750	1.55%	\$35.00	24.3%
Garden	X	\$40.00	\$40.00	38,125	1.26%	\$38.00	5.3%
Tilden Twp	\$7.00	\$40.00	\$40.00	48,929	0.98%	\$40.00	0.0%
McMillan Twp (Ewen)	\$5.71	\$40.00	\$40.00	30,448	1.58%	\$28.50	40.4%
Stephenson - Twp Customers	\$5.00	\$29.22	\$39.22	43,077	1.09%	\$35.50	9.5%
Watersmeet Township	X	\$39.00	\$39.00	32,614	1.43%	\$39.00	0.0%
Ford River Twp	\$4.00	\$39.00	\$39.00	50,086	0.93%	\$39.00	0.0%
Portage Twp	\$4.00	\$20.75	\$38.75	40,547	1.16%	\$39.00	-0.6%
Portage Twp - Woodland	\$8.00	\$12.00	\$38.04	40,547	1.13%	\$38.04	0.0%
Republic Twp	X	\$38.00	\$38.00	25,766	1.77%	\$25.50	49.0%
Marenisco Township	\$2.00	\$35.00	\$37.00	38,125	1.16%	\$35.00	5.7%
Bates Township***	\$2.00	\$35.00	\$37.00	41,625	1.07%	\$37.00	0.0%
Gladstone	\$5.20	\$10.00	\$36.00	41,458	1.04%	\$32.25	11.6%
Superior Twp	\$3.16	\$32.00	\$35.98	55,542	0.78%	\$35.98	0.0%
Gaastra	\$4.37	\$35.35	\$35.35	26,136	1.62%	\$29.07	21.6%
Richmond Twp	\$2.00	\$25.00	\$35.00	34,583	1.21%	\$35.00	0.0%
Skandia & West Branch Twps	X	\$35.00	\$35.00	42,679	0.98%	\$22.00	37.1%
Hematite Twp	\$6.85	\$30.00	\$34.25	29,688	1.38%	\$34.25	0.0%
Wakefield	\$4.76	\$10.00	\$33.80	33,250	1.22%	\$31.50	6.8%
Marquette	\$6.68	X	\$33.40	36,797	1.09%	\$27.14	23.1%
Iron River, Stambaugh, & Min Hills	\$6.62	\$26.50	\$33.12	26,306	1.51%	\$33.12	0.0%
Portage Twp - Naumkeg Shores	\$4.00	\$13.00	\$33.00	33,080	1.20%	\$33.00	0.0%
Alpha	\$1.00	\$32.00	\$33.00	25,417	1.56%	\$29.00	13.8%
Interior Twp (Trout Crk)	\$3.20	\$29.50	\$32.70	32,503	1.21%	\$32.70	0.0%
Houghton	\$4.60	\$1.85	\$32.25	21,993	1.76%	\$24.18	33.4%
Chassell Twp	\$6.25	\$26.00	\$32.25	43,182	0.90%	\$31.25	3.2%
Houghton Twp (Eagle River)	\$3.00	\$20.00	\$32.00	46,042	0.83%	\$32.00	0.0%
Iron Mountain	\$3.40	\$14.50	\$31.47	41,204	0.92%	\$24.30	29.5%
Ely Twp - Greenwood	X	\$31.00	\$31.00	46,244	0.80%	\$26.00	19.2%
Osceola Twp - Dollar Bay	\$4.50	\$31.00	\$31.00	33,750	1.10%	\$28.00	10.7%
Crystal Falls Twp **	\$6.98	\$30.56	\$30.78	39,028	0.95%	\$30.00	2.6%
Bergland Twp	\$5.45	\$25.44	\$30.35	30,391	1.20%	\$29.30	3.6%
Caspian	\$3.00	\$30.31	\$30.31	25,066	1.45%	\$25.31	19.8%
Escanaba	\$3.23	\$14.31	\$30.46	29,130	1.25%	\$25.25	20.6%
K I Sawyer	\$5.80	\$5.80	\$29.00	29,202	1.19%	\$27.00	7.4%
Mackinac Island	\$3.64	\$9.94	\$28.14	48,594	0.69%	\$28.14	0.0%
Menominee - City	\$2.96	\$13.26	\$28.06	41,480	0.81%	\$19.00	47.7%
Rudyard Twp	\$2.35	\$27.75	\$27.75	40,250	0.83%	X	

**2017 RATE SURVEY: CUSTOMER COST FOR WATER ONLY
SORTED BY TOTAL CUSTOMER RATE PER 5,000 GALLONS**

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SYSTEM	WATER - 2017			MHI 2010 CENSUS	% MHI WATER	2013 WATER RATES	5-Year % Change
	COST/ 1,000 GAL	MONTHLY CHARGE	5,000 GAL TOTAL				
Carney-Nadeau WA	\$2.00	\$26.14	\$26.14	33,667	0.93%	\$18.00	45.2%
Stephenson - City	\$3.33	\$19.48	\$26.14	33,571	0.93%	\$23.66	9.5%
Stambaugh Twp	\$3.00	\$15.00	\$25.00	45,134	0.88%	\$23.34	6.6%
Mathias Twp	X	\$25.00	\$25.00	34,097	0.88%	\$25.00	0.0%
South Range	\$3.45	\$14.60	\$24.95	33,542	0.89%	\$24.45	2.0%
Pentland Twp	\$2.40	\$20.21	\$22.61	44,526	0.81%	\$19.30	17.2%
Seney Twp	\$2.00	\$22.50	\$22.50	24,286	1.11%	\$18.00	25.0%
Breitung Twp - Quinnesec	\$3.19	\$6.00	\$21.95	43,657	0.60%	\$21.30	3.1%
Ishpeming Twp	\$3.00	\$9.00	\$21.00	44,576	0.57%	\$12.00	75.0%
White Birch Mobile Home Park	\$2.84	\$6.00	\$20.20	Z		\$0.00	100.0%
Franklin Twp	\$1.00	\$16.00	\$16.00	37,738	0.51%	\$16.00	0.0%
Kingsford	\$2.57	\$2.50	\$15.35	33,973	0.64%	\$10.85	41.5%
Negaunee Ishpeming Water Auth.	\$1.91	X	\$9.55	Z			
Kinross Twp	\$1.83	\$5.85	\$5.85	32,224	0.22%	\$5.77	1.4%

Notes: (1) Water rates from Michigan American Water Co.
 (2) Wastewater rates from Torch Lake SA
 (3) Wastewater rates from North Houghton Co. Sewer Auth
 (4) Water rates from Ontonagon
 (5) Water rates from Gogebic Range Water Auth.
 MHI = Median Household Income from U.S. Census data
 * Means 2017 rates compared to 2008 rates
 ** Means 2013 sewer rates were not provided,
 so % increase is for water only
 X Means no value included in rate ordinance
 Z Means no MHI census data available for utility

**2017 RATE SURVEY: CUSTOMER COST FOR WASTEWATER ONLY
SORTED BY TOTAL CUSTOMER RATE PER 5,000 GALLONS**

PAGE 1 of 3

SYSTEM	WASTEWATER - 2017			MHI 2010 CENSUS	% MHI SEWER	2013 WW RATES	5-Year % Change
	COST/ 1,000 GAL	MONTHLY CHARGE	5,000 GAL TOTAL				
Houghton County Airport	\$28.56	X	\$142.80	Z		\$64.45	121.6%
Manistique - Twp Customers	\$15.75	\$30.08	\$108.83	54,091	2.41%	\$86.42	20.6%
Munising	\$14.66	\$10.39	\$83.69	34,650	2.90%	\$61.52	26.5%
Sault Ste Marie - Twp Cust	\$16.04	\$3.20	\$83.40	62,396	1.60%	\$69.44	16.7%
Portage Twp - Dakota Heights	\$30.50	\$80.50	\$80.50	40,547	2.38%	\$68.00	15.5%
Manistique	\$10.50	\$25.06	\$77.56	29,375	3.17%	\$60.91	21.5%
Norway - Twp Customers	\$9.25	\$31.25	\$77.50	49,896	1.86%	\$52.50	32.3%
Ironwood	\$9.02	\$30.46	\$75.56	29,693	3.05%	\$60.62	24.6%
Marquette Twp	\$11.83	\$15.70	\$74.85	58,750	1.53%	\$66.85	10.7%
St IgnaceTwp Customers	\$7.69	\$34.38	\$72.83	31,759	2.75%	\$58.48	19.7%
Norway - City	\$9.25	\$25.00	\$71.25	36,006	2.37%	\$48.75	31.6%
Bessemer	\$9.50	\$22.50	\$70.00	28,412	2.96%	\$40.00	75.0%
Mackinac Island	\$9.26	\$23.06	\$69.21	48,594	1.71%	\$53.98	22.0%
L'Anse	\$6.25	\$36.50	\$67.75	40,603	2.00%	\$60.35	10.9%
St Ignace - MoranTwp Cust	\$7.41	\$29.96	\$67.01	56,375	1.43%	\$62.77	6.3%
Negaunee	\$7.82	\$35.69	\$66.97	43,915	1.83%	\$53.32	20.4%
Portage Twp	\$32.50	\$66.25	\$66.25	40,547	1.96%	\$59.75	9.8%
Masonville Township	\$6.46	\$32.31	\$64.60	43,047	1.80%	\$80.66	6.1%
Franklin Twp	\$6.80	\$30.50	\$64.50	37,738	2.05%	\$64.50	0.0%
Menominee - Twp Customers	\$6.64	\$30.82	\$64.02	52,029	1.48%	\$46.50	27.4%
Baraga	\$6.76	\$28.35	\$62.15	28,424	2.62%	\$59.80	3.9%
Baraga Township	\$6.76	\$28.35	\$62.15	39,303	1.90%	\$59.80	3.9%
Ishpeming	\$12.16	\$30.40	\$60.80	39,065	1.87%	\$41.00	48.3%
K I Sawyer	\$11.80	\$11.80	\$59.00	29,202	2.42%	\$55.00	7.3%
Ironwood Twp (5)	\$7.30	\$22.15	\$58.65	42,892	1.64%	\$60.62	-3.2%
Stephenson - Twp Customers	\$3.38	\$49.80	\$56.56	43,077	1.58%	\$51.76	8.5%
Richmond Twp	\$4.00	\$35.00	\$55.00	34,563	1.91%	\$55.00	0.0%
Adams Twp - Trimountain	\$5.25	\$47.00	\$54.88	33,519	1.96%	\$54.88	0.0%
Sault Ste Marie - City Customers	\$10.27	\$3.20	\$54.55	35,323	1.85%	\$46.38	15.0%
Hancock	\$9.85	\$5.00	\$54.25	33,030	1.97%	\$36.75	47.6%
Crystal Falls Twp **	\$8.95	\$52.00	\$52.00	39,028	1.60%	X	X
Marquette	\$10.39	X	\$51.95	36,797	1.69%	\$41.51	20.1%
Ontonagon	\$6.00	\$21.00	\$51.00	32,950	1.86%	\$51.00	0.0%
Forsyth Twp	\$10.00	\$20.00	\$50.00	47,639	1.26%	\$33.95	47.3%
Laurium (1), (3)	\$6.65	\$15.00	\$48.25	33,083	1.75%	\$37.75	21.8%
Calumet Twp (Village) (1), (3)	\$6.65	\$15.00	\$48.25	18,750	3.09%	\$37.75	27.8%
N Houghton Co. Sewer A.	\$6.65	\$15.00	\$48.25	Z		\$37.75	21.8%
St. Ignace - City	\$6.80	\$48.15	\$48.15	36,510	1.58%	\$48.15	0.0%
Michigamme Twp	X	\$47.63	\$47.63	32,279	1.77%	\$37.00	22.3%
McMillan Twp (Ewen)	\$5.00	\$47.50	\$47.50	30,448	1.87%	\$41.50	12.6%
Osceola Township - Tamarack	\$8.12	\$22.62	\$46.98	33,750	1.67%	\$37.70	19.8%
Hubbell (1), (2)	\$8.12	\$6.00	\$46.60	35,542	1.57%	\$31.70	47.0%
Lake Linden - Schoolcraft Twp	\$8.12	\$22.24	\$46.60	40,905	1.37%	\$37.00	20.6%
Lake Linden - Village	\$8.12	\$22.24	\$46.60	33,063	1.69%	\$37.00	20.6%
Torch Lake Sewer Authority	\$8.12	\$16.24	\$46.60	Z		\$31.70	32.0%
Portage Twp - Naumkeg Shores	X	\$45.00	\$45.00	40,547	1.33%	\$45.00	0.0%
Houghton	\$8.74	X	\$43.72	21,993	2.39%	\$43.72	0.0%
Iron River, Stambaugh, & Min Hills	\$8.50	\$34.00	\$42.50	26,306	1.94%	\$38.30	11.0%

2017 RATE SURVEY: CUSTOMER COST FOR WASTEWATER ONLY
SORTED BY TOTAL CUSTOMER RATE PER 5,000 GALLONS

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SYSTEM	WASTEWATER - 2017			MHI 2010 CENSUS	% MHI SEWER	2013 WW RATES	5-Year % Change
	COST/ 1,000 GAL	MONTHLY CHARGE	5,000 GAL TOTAL				
Carp Lake Twp - White Pine (4)	\$8.50	\$41.00	\$41.00	30,781	1.60%	\$30.00	36.7%
Carp Lake Twp (4)	\$8.50	\$41.00	\$41.00	30,781	1.60%	\$30.00	36.7%
Republic Twp	X	\$41.00	\$41.00	25,766	1.91%	\$22.05	46.2%
Marenisco Township	\$2.50	\$38.00	\$40.50	38,125	1.27%	\$33.00	18.5%
Wakefield	\$2.60	\$27.53	\$40.53	33,250	1.46%	\$36.93	8.9%
Brevort Twp	X	\$40.00	\$40.00	48,571	0.99%	\$35.00	14.3%
Powell Twp	\$7.00	\$29.00	\$39.50	63,750	0.74%	\$29.00	26.6%
Gladstone	\$6.15	\$8.50	\$39.25	41,458	1.14%	\$35.50	10.6%
Chatham	X	\$39.00	\$39.00	33,917	1.38%	\$34.00	14.7%
Ahmeek	\$4.25	\$8.83	\$38.91	33,125	1.41%	\$28.35	37.2%
Greenland Twp	X	\$37.50	\$37.50	30,833	1.46%	\$35.00	7.1%
Pentland Twp	\$3.48	\$34.01	\$37.49	44,526	1.01%	\$27.00	28.0%
South Range	\$15.40	\$7.30	\$37.30	33,542	1.33%	\$36.80	1.3%
Caspian	\$3.00	\$31.44	\$36.00	25,066	1.72%	\$33.88	6.3%
Alpha	\$1.00	\$35.00	\$36.00	25,417	1.70%	\$40.00	-10.0%
Stephenson - City	\$2.25	\$33.20	\$35.70	33,571	1.28%	\$34.50	3.4%
Newberry	X	\$35.00	\$35.00	36,993	1.14%	\$29.97	14.4%
Seney Twp	X	\$35.00	\$35.00	24,286	1.73%	\$35.00	0.0%
Stannard Twp (Bruce Crossing)	X	\$35.00	\$35.00	48,229	0.87%	\$29.00	17.1%
Adams Twp - Painesdale	\$3.00	\$29.00	\$33.50	33,519	1.20%	\$33.50	0.0%
Chocoma Twp - Harvey	X	\$33.00	\$33.00	64,043	0.62%	\$27.50	20.0%
Chassell Twp	\$6.25	\$26.00	\$32.25	43,182	0.90%	\$31.25	3.2%
Menominee - City	\$3.32	\$15.41	\$31.99	41,480	0.93%	\$25.41	20.6%
Wakefield Twp (5)	X	\$31.50	\$31.50	28,750	1.31%	\$31.50	0.0%
Adams Twp - Atlantic	\$6.30	\$22.00	\$31.45	37,669	1.00%	\$31.45	0.0%
Gaastra	\$5.90	\$30.50	\$30.50	26,136	1.40%	\$25.00	22.0%
Allouez Twp (1)	\$4.00	\$10.40	\$30.40	31,250	1.17%	\$30.40	0.0%
Cedarville (Clark Twp)	X	\$30.00	\$30.00	47,069	0.76%	\$26.00	15.4%
Watersmeet Township	X	\$30.00	\$30.00	32,614	1.10%	\$28.00	6.7%
Stambaugh Twp	\$3.30	\$30.00	\$30.00	45,134	0.80%	\$30.00	0.0%
Kingsford	\$5.34	\$2.65	\$29.35	33,973	1.04%	\$15.50	89.4%
Escanaba - Wells Township	\$2.98	\$14.14	\$29.04	55,365	0.63%	\$24.60	18.0%
Iron Mountain	\$4.18	\$7.00	\$27.90	41,204	0.81%	\$19.05	46.5%
Ishpeming Twp	X	\$26.40	\$26.40	44,576	0.71%	\$26.40	0.0%
DeTour	X	\$25.35	\$25.35	33,571	0.91%	\$25.35	0.0%
Crystal Falls	\$3.62	\$25.20	\$25.20	35,134	0.86%	\$24.00	5.0%
Sherman Twp - Gay	X	\$25.00	\$25.00	41,094	0.73%	\$25.00	0.0%
Bates Township***	X	\$24.00	\$24.00	41,625	0.69%	\$24.00	0.0%
Kinross Twp	\$7.33	\$23.39	\$23.39	32,224	0.87%	\$17.33	
Superior Twp	\$1.94	\$14.34	\$24.04	55,542	0.52%	\$24.04	0.0%
Rudyard Twp	X	\$22.93	\$22.93	40,250	0.68%	X	
Escanaba	\$2.98	\$7.07	\$21.97	29,130	0.91%	\$18.60	18.1%
White Birch Mobile Home Park	\$2.84	\$6.00	\$20.20	Z		\$28.45	-40.8%
Bergland Twp	X	\$18.85	\$18.85	30,391	0.74%	\$18.00	4.7%

2017 RATE SURVEY: CUSTOMER COST FOR WASTEWATER ONLY
SORTED BY TOTAL CUSTOMER RATE PER 5,000 GALLONS

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SYSTEM	WASTEWATER - 2017			MHI 2010 CENSUS	% MHI SEWER	2013 WW RATES	5-Year % Change
	COST/ 1,000 GAL	MONTHLY CHARGE	5,000 GAL TOTAL				
Sagola Twp	X	\$18.00	\$18.00	40,536	0.53%	\$18.00	0.0%
Copper City	X	\$16.00	\$16.00	24,904	0.77%	\$16.00	0.0%
Rockland Twp	\$1.00	\$10.00	\$15.00	39,375	0.46%	\$15.00	0.0%
Interior Twp (Trout Crk)	\$3.20	\$8.50	\$11.70	32,503	0.43%	\$11.70	0.0%
Rockland Twp	\$1.00	\$10.00	\$15.00	39,375	0.46%	\$15.00	0.0%

Notes: (1) Water rates from Michigan American Water Co.

(2) Wastewater rates from Torch Lake SA

(3) Wastewater rates from North Houghton Co. Sewer Auth

(4) Water rates from Ontonagon

(5) Water rates from Gogebic Range Water Auth.

MHI = Median Household Income from U.S. Census data

* Means 2017 rates compared to 2008 rates

** Means 2013 sewer rates were not provided,
so % Increase is for water only

X Means no value included in rate ordinance

Z Means no MHI census data available for utility

Village of Newberry
FY 2018 Budget Development
Water Fund - 591

Account Number	Account Descriptions	12/31/16 Final [1]	12/31/17 Projected [2]	12/31/18 Original Budget [3]	12/31/18 Recommended Budget [3]	12/31/18 Recommended Budget Amendment
Water Fund						
Water Fund (591) Revenues						
	BOND REVENUE	-	300,000.00	-	-	-
591-000-645.000	WATER SALES	-	650,000.00	-	960,900.00	960,900.00
591-000-645.200	SERVICE FEES - WATER	-	500.00	-	500.00	500.00
591-000-645.500	WATER- PENALTIES & LATE FEES	-	10,000.00	-	10,000.00	10,000.00
591-000-665.000	INTEREST EARNED	-	1,200.00	-	1,200.00	1,200.00
591-000-686.000	REIMBURSEMENT	-	2,400.00	-	-	-
	Fund 591 Total Revenues	-	964,100.00	-	972,600.00	972,600.00
Water Fund (591) Expenditures						
Water System						
591-536-702.000	WAGES	-	60,600.00	-	146,203.20	146,203.20
591-536-703.000	SALARIES	-	-	-	34,999.12	34,999.12
591-536-704.100	COMPENSATION-ELECTED	-	-	-	2,850.00	2,850.00
591-536-705.000	VACATION PAY	-	-	-	11,000.00	11,000.00
591-536-706.000	HOLIDAY PAY	-	-	-	12,000.00	12,000.00
591-536-709.000	EMPLOYER'S FICA	-	-	-	14,512.25	14,512.25
591-536-712.000	HEALTH INSURANCE BUYOUT	-	-	-	13,900.00	13,900.00
591-536-713.000	OVERTIME	-	-	-	5,650.25	5,650.25
591-536-714.000	LONGEVITY	-	-	-	1,000.00	1,000.00
591-536-716.000	FUNERAL LEAVE	-	-	-	2,900.00	2,900.00
591-536-717.000	RETIREMENT - MERS - EMPLOYER P	-	-	-	14,865.38	14,865.38
591-536-719.000	HOSPITALIZATION	-	100,255.00	-	56,742.32	56,742.32
591-536-724.000	SICK PAY	-	-	-	5,000.00	5,000.00
591-536-725.000	WORKERS' COMPENSATION	-	-	-	3,215.58	3,215.58
591-536-726.000	LIFE INSURANCE	-	-	-	697.78	697.78
591-536-727.000	OVERHEAD	-	48,000.00	-	-	-
591-536-720.000	VISION	-	-	-	415.14	415.14
591-536-729.000	DENTAL	-	-	-	2,361.74	2,361.74
591-536-721.000	H.S.A	-	-	-	10,400.00	10,400.00
591-536-729.000	FINAL PAYOUT	-	-	-	15,000.00	15,000.00
591-536-752.000	OFFICE SUPPLIES	-	4,000.00	-	4,000.00	4,000.00
591-536-752.100	OPERATING SUPPLIES	-	3,000.00	-	3,000.00	3,000.00
591-536-752.200	IT SOFTWARE	-	-	-	26,000.00	26,000.00
591-536-753.000	TOOLS & EQUIP UND CAP THRESH	-	14,300.00	-	10,000.00	10,000.00
591-536-759.000	GAS OIL & GREASE	-	2,500.00	-	3,000.00	3,000.00
591-536-801.000	PROFESSIONAL & CONTRACTUAL SER	-	10,000.00	-	15,000.00	15,000.00
591-536-801.200	PROF & CONTRACTUAL SERV-LEGAL	-	-	-	2,500.00	2,500.00
591-536-802.000	COLLECTION EXPENSE	-	1,000.00	-	1,000.00	1,000.00
591-536-851.000	POSTAGE	-	-	-	1,000.00	1,000.00
591-536-889.000	ADMINISTRATIVE ALLOCATION	-	-	-	88,958.00	88,958.00
591-536-900.000	PUBLISHING & PRINTING	-	1,800.00	-	1,800.00	1,800.00
591-536-910.000	PROFESSIONAL DEVELOPMENT	-	5,400.00	-	1,000.00	1,000.00
591-536-913.000	TRAVEL	-	1,600.00	-	1,000.00	1,000.00
591-536-915.000	MEMBERSHIPS & SUBSCRIPTIONS	-	1,000.00	-	1,700.00	1,700.00
591-536-932.000	VEHICLES REPAIRS & MAINTENANCE	-	1,000.00	-	1,000.00	1,000.00
591-536-935.000	PROPERTY LIABILITY INSURANCE	-	17,100.00	-	18,000.00	18,000.00
591-536-956.000	MISCELLANEOUS	-	1,300.00	-	1,300.00	1,300.00
591-536-968.100	RRI FUND DEPRECIATION	-	14,745.00	-	14,745.00	14,745.00
591-536-973.000	CAPITAL OUTLAY	-	-	-	47,384.00	47,384.00
591-536-991.100	PRINCIPAL NOTES PAYABLE 2005	-	34,000.00	-	34,000.00	34,000.00
591-536-991.200	BOND RESERVE 2005	-	14,600.00	-	14,600.00	14,600.00
591-536-991.300	PRINCIPAL 2009 JR WATER BOND	-	4,000.00	-	4,000.00	4,000.00
591-536-991.400	PRINCIPAL 2014 WATER BOND	-	105,000.00	-	105,000.00	105,000.00
591-536-992.100	INTEREST 2005	-	83,300.00	-	83,300.00	83,300.00
591-536-992.300	INTEREST 2009 JR WATER BOND	-	11,000.00	-	11,000.00	11,000.00
591-536-992.400	INTEREST 2014 WATER BOND	-	124,600.00	-	124,600.00	124,600.00
591-539-	CONSTRUCTION	-	300,000.00	-	-	-
	Water System Total	-	964,100.00	-	972,599.76	972,599.76
	Fund 591 Total Expenditures	-	964,100.00	-	972,599.76	972,599.76
	Fund 591 Net Revenues/ Expenditures	-	-	-	0.24	0.24

Tickmark Legend:

[1] - FY 2016 final ending balances are per Village's TB and do not necessarily tie back to the audited financial statements.

[2] - FY 2017 Projected balances are from the Village approved FY 2017 budget amendment.

[3] - The water fund was not included in the original FY 2018 budget that was approved by the Village.

Village of Newberry
FY 2018 Budget Development
Electric Fund - 582

Account Number	Account Descriptions	12/31/16 Final [1]	12/31/17 Projected [2]	12/31/18 Original Budget [3]	12/31/18 Recommended Budget	12/31/18 Recommended Budget Amendment
Electric Fund						
Electric Fund (582) Revenues						
	OPENING FUND BALANCE		153,025.00	-	81,733.00	81,733.00
582-000-644.000	ELECTRIC SALES	2,142,189.66	2,100,000.00		2,240,000.00	2,240,000.00
582-000-644.100	MERCURY VAPOR SALES	23,190.90	22,000.00		22,000.00	22,000.00
582-000-644.200	SERVICE FEES-ELECTRIC	25,046.73	20,000.00		20,000.00	20,000.00
582-000-644.300	ENERGY OPTIMIZATION PROGRAM FE	39,420.69	38,000.00		38,000.00	38,000.00
582-000-644.350	XMAS DECOR DONATIONS	-	-		-	-
582-000-644.400	CREDIT CARD FEE REVENUE	309.00	1,200.00		-	-
582-000-644.500	ELECTRICITY-PENALTIES & LATE	29,864.95	20,000.00		20,000.00	20,000.00
582-000-644.600	CLOVERLAND ELECTRIC	-	42,000.00		-	-
582-000-644.700	OPENING FUND BALANCE	-	-		-	-
582-000-665.000	INTEREST EARNED	1,104.75	1,200.00		1,100.00	1,100.00
582-000-681.000	REIMBURSEMENT - ADMIN SALARY	29,623.53	26,000.00		-	-
582-000-682.000	REIMBURSEMENT - ADMIN OVERHEAD	10,362.18	8,000.00		-	-
582-000-683.000	REIMBURSE - MECHANIC PR & FRIN	16,695.97	12,800.00		-	-
582-000-686.000	REIMBURSEMENT	21,518.71	15,000.00		-	-
	SALES	-	300.00	-	-	-
	Fund 582 Total Revenues	2,339,327.07	2,459,525.00	-	2,422,833.00	2,422,833.00

Electric Fund (582) Expenditures

<i>Distribution</i>						
582-582-702.000	WAGES	51,928.12	55,000.00		28,496.39	28,496.39
582-582-702.100	WAGE REIMBURSEMENT	18,509.17	37,500.00		-	-
582-582-703.000	SALARIES				6,865.02	6,865.02
582-582-704.100	COMPENSATION-ELECTED	4,300.00	5,000.00		2,850.00	2,850.00
582-582-705.000	ADMIN VACATION	-	-	-	-	-
582-582-710.000	UNEMPLOYMENT	2,922.09	3,000.00	-	-	-
582-582-713.000	WAGES-OVERTIME				1,083.95	1,083.95
582-582-724.000	SICK PAY	-	-	-	-	-
582-582-727.000	OVERHEAD	17,003.86	26,500.00	-	-	-
582-582-752.000	OFFICE SUPPLIES	3,592.71	2,200.00	-	-	-
582-582-752.100	OPERATING SUPPLIES	2,242.59	2,000.00		3,000.00	3,000.00
582-582-753.000	TOOLS & EQUIPMENT	-	5,800.00		5,000.00	5,000.00
582-582-801.000	PROF & CONTRACTUAL SERVICES	16,365.59	16,500.00		25,000.00	25,000.00
582-582-801.200	LEGAL				2,500.00	2,500.00
582-582-810.000	CREDIT CARD FEE EXPENSE	907.02	700.00		2,500.00	2,500.00
582-582-850.000	TELEPHONE	12,040.41	12,000.00		10,000.00	10,000.00
582-582-851.000	POSTAGE	9,428.77	9,500.00		9,500.00	9,500.00
582-582-888.000	ADMINISTRATIVE CHARGE	-	-		200.00	200.00
582-582-889.000	ADMINISTRATIVE ALLOCATION				13,541.00	13,541.00
582-582-900.000	PUBLISHING AND PRINTING	499.98	2,100.00		500.00	500.00
582-582-915.000	MEMBERSHIPS & SUBSCRIPTIONS	5,107.00	4,400.00		4,400.00	4,400.00
582-582-929.000	REPAIRS & MAINTENANCE	-	-	-	-	-
<i>Distribution Total</i>		144,847.31	182,200.00	-	115,436.36	115,436.36

General Expenses

582-583-702.000	WAGES	67,741.81	75,200.00		38,962.33	38,962.33
582-583-703.000	SALARIES				9,386.35	9,386.35
582-583-705.000	VACATION PAY	16,873.15	12,400.00		26,000.00	26,000.00
582-583-706.000	HOLIDAY PAY	9,338.98	9,400.00		11,255.00	11,255.00
582-583-709.000	EMPLOYER'S FICA	22,712.04	26,000.00		14,432.11	14,432.11
582-583-712.000	HEALTH INSURANCE BUYOUT	2,620.00	2,400.00		2,400.00	2,400.00
582-583-713.000	WAGES - OVERTIME				1,482.05	1,482.05
582-583-714.000	LONGEVITY	1,192.00	1,000.00		1,050.00	1,050.00
582-583-716.000	FUNERAL ALLOWANCE	-	-		2,814.00	2,814.00
582-583-717.000	RETIREMENT-MERS-EMPLOYER P	34,697.70	36,110.00		14,553.26	14,553.26
582-583-719.000	HOSPITALIZATION	139,615.36	174,180.00		55,215.24	55,215.24
582-583-720.000	VISION				402.59	402.59
582-583-724.000	SICK PAY	13,430.37	13,100.00		4,690.00	4,690.00
582-583-725.000	WORKERS' COMPENSATION	4,969.24	4,000.00		3,240.78	3,240.78
582-583-726.000	LIFE INSURANCE	771.48	910.00		681.98	681.98
582-583-729.000	DENTAL				2,283.63	2,283.63
582-583-721.000	H.S.A.				10,100.00	10,100.00
582-583-728.000	OVERHEAD REIMBURSEMENT	229.85	900.00		-	-
582-583-752.000	OFFICE SUPPLIES	-	-		3,500.00	3,500.00
582-583-752.100	OPERATING SUPPLIES	-	-		2,500.00	2,500.00
582-583-752.200	IT SOFTWARE				10,000.00	10,000.00
582-583-753.000	TOOLS & EQUIP (UND CAP THRESH)	126.80	-		-	-
582-583-759.000	GAS & OIL				10,000.00	10,000.00
582-583-767.000	CLOTHING - UNIFORMS	25.99	100.00		2,000.00	2,000.00
582-583-801.000	PROFESSIONAL AND CONTRACTURAL	6,067.46	6,000.00		3,000.00	3,000.00
582-583-802.000	COLLECTION EXPENSE	1,105.27	1,200.00		1,200.00	1,200.00
582-583-850.000	TELEPHONE	-	-		500.00	500.00
582-583-889.000	ADMINISTRATIVE ALLOCATION				43,966.00	43,966.00
582-583-921.000	HEAT	3,761.92	4,500.00		4,500.00	4,500.00
582-583-929.000	REPAIRS & MAINTENANCE	-	-		-	-
582-583-930.000	BLDG. REPAIR & MAINT.	2,646.50	4,000.00		-	-
582-583-932.000	VEHICLE REPAIR & MAINT.	767.64	1,200.00		6,000.00	6,000.00
582-583-935.000	PROPERTY LIABILITY INSURANCE	17,782.73	22,000.00		28,000.00	28,000.00
582-583-956.000	MISCELLANEOUS	60.28	100.00		-	-
582-583-958.000	PAYMENT IN LIEU OF TAXES	30,000.00	30,000.00		30,000.00	30,000.00
582-583-968.100	RRI FUND DEPRECIATION	54,163.73	43,861.00		44,000.00	44,000.00
582-583-991.000	PRINCIPAL NOTE PAYABLE 2003				55,000.00	55,000.00
582-583-991.000	PRINCIPAL NOTE PAYABLE 2002				50,000.00	50,000.00
582-583-991.100	PRINCIPAL NOTES PAYABLE 2005	-	-		85,700.00	85,700.00
582-583-992.000	INTEREST 2003				22,000.00	22,000.00
582-583-992.000	INTEREST 2002				18,000.00	18,000.00
582-583-992.100	INTEREST 2005	64,131.00	56,100.00		14,700.00	14,700.00
General Expenses Total		494,831.30	524,661.00	-	633,515.32	633,515.32

Generation

582-584-702.000	WAGES	28,268.98	24,000.00		12,434.79	12,434.79
582-584-703.000	SALARIES				2,995.65	2,995.65
582-584-713.000	WAGES - OVERTIME				472.99	472.99
582-584-752.000	OFFICE SUPPLIES	505.00	500.00		200.00	200.00
582-584-752.100	OPERATING SUPPLIES	-	-		2,000.00	2,000.00
582-584-753.000	TOOLS & EQUIP UND CAP THRESHOL	4,052.09	3,500.00		4,000.00	4,000.00
582-584-757.000	FUEL OIL				25,000.00	25,000.00
582-584-801.000	PROFESSIONAL AND CONTRACTURAL	34,323.13	34,400.00		2,500.00	2,500.00
582-584-850.000	TELEPHONE	-	-		200.00	200.00
582-584-889.000	ADMINISTRATIVE ALLOCATION				5,026.00	5,026.00
582-584-929.000	REPAIRS & MAINTENANCE	-	-		2,500.00	2,500.00
Generation Total		67,149.20	62,400.00	-	57,329.43	57,329.43

Building Maintenance

582-585-702.000	WAGES	115,239.61	115,000.00		59,583.36	59,583.36
582-585-702.100	WAGE REIMBURSEMENT	2,104.73	4,000.00		-	-
582-585-703.000	SALARIES				14,354.13	14,354.13
582-585-713.000	WAGES - OVERTIME				2,266.43	2,266.43
582-585-727.000	OVERHEAD	(0.31)	-		-	-
582-585-752.000	OFFICE SUPPLIES	18,014.71	-		14,500.00	14,500.00
582-585-752.100	OPERATING SUPPLIES	-	-		-	-
582-585-752.800	ELECTRIC SUPPLIES	-	14,500.00		-	-
582-585-753.000	TOOLS & EQUIP UND CAP THRESHOL	964.00	7,500.00		5,000.00	5,000.00
582-585-767.000	CLOTHING - UNIFORMS	231.32	250.00		-	-
582-585-801.000	PROFESSIONAL AND CONTRACTURAL	77,598.16	75,000.00		16,000.00	16,000.00
582-585-860.000	TRANSPORTATION	4,437.25	4,600.00		1,000.00	1,000.00
582-585-889.000	ADMINISTRATIVE ALLOCATION				24,080.00	24,080.00
582-585-910.000	PROFESSIONAL DEVELOPMENT	4,425.00	4,400.00		-	-
582-585-929.000	REPAIRS & MAINTENANCE	-	-		15,000.00	15,000.00
582-585-932.000	VEHICLE REPAIR & MAINT.	3,339.28	3,000.00		-	-
582-585-940.000	EQUIPMENT RENTAL	324.00	350.00	-	-	-
582-585-956.000	MISCELLANEOUS	69.08	100.00	-	-	-
Building Maintenance Total		226,746.83	228,700.00	-	151,783.92	151,783.92

Purchased Power

582-586-702.000	WAGES	9,439.01	11,200.00		5,802.90	5,802.90
582-586-703.000	SALARIES				1,397.97	1,397.97
582-586-713.000	WAGES - OVERTIME				220.73	220.73
582-586-752.000	OFFICE SUPPLIES	5.72	1,200.00		-	-
582-586-757.000	FUEL OIL	7,848.87	25,000.00		-	-
582-586-801.000	PROFESSIONAL AND CONTRACTURAL	44,397.78	50,000.00		15,000.00	15,000.00
582-586-889.000	ADMINISTRATIVE ALLOCATION				2,346.00	2,346.00
582-586-926.000	PURCHASED POWER	1,288,088.52	1,300,000.00		1,400,000.00	1,400,000.00
582-586-929.000	REPAIRS & MAINTENANCE	-	-		-	-
582-586-931.000	EQUIPMENT REPAIRS	19,451.05	20,000.00		-	-
582-586-968.100	RRI FUND DEPRECIATION	39,703.87	54,164.00	-	-	-
Purchased Power Total		1,408,934.82	1,461,564.00	-	1,424,767.60	1,424,767.60

Enegery Optimization Program

582-587-752.000	OFFICE SUPPLIES - ENERGY OPT	-	-		6,000.00	6,000.00
582-587-801.000	PROF & CONTRACTUAL SERVICES				34,000.00	34,000.00
Enegery Optimization Program Total		-	-	-	40,000.00	40,000.00

Fund 582 Total Expenditures	2,342,509.46	2,459,525.00	-	2,422,832.63	2,422,832.63
Fund 582 Net Revenues/ Expenditures	(3,182.39)	-	-	0.37	(81,732.63)

Tickmark Legend:

[1] - FY 2016 final ending balances are per Village's TB and do not necessarily tie back to the audited financial statements.

[2] - FY 2017 Projected balances are from the Village approved FY 2017 budget amendment.

[3] - FY 2018 Original budget are from the Village approved FY 2018 original budget.