

**VILLAGE OF NEWBERRY  
 WATER AND LIGHT BOARD MEETING  
 REGULAR MEETING  
 Tuesday, August 10, 2021  
 Meeting Location: 307 E. McMillan Avenue  
 Meeting Time: 6:00 p.m.**

**1. CALL TO ORDER**

**2. PLEDGE OF ALLEGIANCE**

**3. ROLL CALL**

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

**5. APPROVAL OF MINUTES**

- 1. Water and Light Board Meeting - Regular Session July 13, 2021

**6. WATER AND LIGHT CHAIRPERSON ANNOUNCEMENTS**

- 1. None Prescheduled

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

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

- 1. Water & Light – Monthly Payables – July 10 to August 6

582	<b>ELECTRIC FUND TOTAL EXPENSE:</b>	<b>See payables sheet</b>
591	<b>WATER FUND TOTAL EXPENSE:</b>	<b>See payables sheet</b>
<b>Total amount for both funds:</b>		<b>See payables sheet</b>

- 2. Bond Payments due September 1, 2021 – paid as electronic disbursements

BOND	PRINCIPAL	INTEREST	TOTAL DUE	OUTSTANDING DEBT
<b>2005 WATER</b>	\$41,000	\$38,630.32	<b>\$79,630.32</b>	\$1,832,000
<b>2009 WATER</b>	\$5,000	\$5,238.74	<b>\$10,238.74.00</b>	\$249,000

- 3. Save the Bells Fund – for review only – JUNE

582	Save the Bells Fund Balance Summary -- as of 06/30/2021	<b>\$17,777.69</b>
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**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.

**10. INTRODUCTION AND ADOPTION OF ORDINANCES AND RESOLUTIONS**

1. None

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

1. Working Water and Light Superintendent
  - a. Monthly Report
  - b. Electric Consumption/Billing Report
  - c. Electric Demand Large Power Report
  - d. Billed Electric kWh Report
  - e. Water Pumpage Report
2. Village Manager - verbal

**12. UNFINISHED BUSINESS**

1. Vacant Water & Light Board position
2. 2021 Water Rate Changes
  - a. Water Rate Study update
3. Fairbanks Generator -Report and quote for repair
4. Pole Study Proposal - confidential
5. Public Comment Follow-Up from Previous Meeting – none prescheduled

**13. NEW BUSINESS**

1. Water & Light Board – Possible reorganization

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

**15. ASSIGNMENT OF PUBLIC COMMENT RESPONSE**

**16. COMMENTS BY BOARD MEMBERS**

**17. ADJOURNMENT - REGULAR ELECTRONIC MEETING SESSION**

NEWBERRY WATER & LIGHT BOARD  
REGULAR MEETING MINUTES  
July 13, 2021

**Present:** Board members: Jack Olson, Hendrickson, Stokes, Vincent. (Jack Olson recited the Oath of Office prior to the meeting).

**Absent:** None.

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

**Call to Order:** The meeting was called to order at 6:03 p.m. by Clark Schummer as Chairman Wendt resigned from the Board. The Pledge of Allegiance was recited.

**Selection of Chairperson:** Moved by Hendrickson, support by Vincent, **CARRIED**, to appoint Stokes as Water & Light Board chairperson. Ayes: All.

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

**Approval of Minutes:** Moved by Vincent, support by Hendrickson, **CARRIED**, to approve the minutes for the June 8, 2021, W&L meeting as presented. Ayes: All.

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

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

**Submission of Bills and Financial Updates:**

- A.) **Water & Light – Monthly Bills – June 4 to July 9, 2021:** - Motion by Vincent, support by Hendrickson, **CARRIED**, recommend Village Council pay the June 4 to July 9, 2021, Electric Fund bill in the amount of \$93,450.36. Discussion followed. Ayes: Stokes, Hendrickson, Olson, Vincent.  
Motion by Vincent, support by Stokes, **CARRIED**, to recommend Village Council pay the June 4 to July 9, 2021, Water Fund bill in the amount of \$5,930.51. Discussion followed. Ayes: Stokes, Hendrickson, Olson, Vincent.
- B.) **Christmas Light Fund** – as of 05/31/2021 \$17,268.83.

**Petitions and Communications:** None.

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

**Reports of Village Management:**

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

**Unfinished Business:**

- 1.) **Vacant Water & Light Board Position:** There have been no letters of interest submitted. Will continue to advertise.
- 2.) **2021 Water Rate Changes:** Watkins gave an update on the Water Rate Study.
- 3.) **Fairbanks Generator Update:** Watkins gave an update.
- 4.) **Capital Improvement Plan:** Moved by Vincent, support by Hendrickson, **CARRIED**, to recommend the Village Council approve the Water & Light portion of the Capital Improvement Plan. Ayes: All.
- 5.) **Public Comment Follow-up from Previous Meeting:** None.

**New Business:**

- 1.) **Fee Changes for Water & Electric Services:** Moved by Vincent, support by Hendrickson, **CARRIED**, to recommend approval of the new fee schedule to Village Council. Discussion followed. Ayes: All.
- 2.) **EA Amount for July – December 2021:** For review only.

**Public Comment:** None.

**Comments By Board Members:** Comment heard from: Hendrickson.

**Adjourn Meeting:** Motion by Vincent, support by Hendrickson, **CARRIED**, to adjourn meeting at 7:14 p.m. Ayes: All.

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

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Terese Schummer, Clerk

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Lori A. Stokes, Chairperson

INVOICE GL DISTRIBUTION REPORT FOR VILLAGE OF NEWBERRY  
 POST DATES 07/10/2021 - 08/06/2021  
 BOTH JOURNALIZED AND UNJOURNALIZED  
 BOTH OPEN AND PAID

GL Number	Inv. Line Desc	Vendor	Invoice Desc.	Invoice	Due Date	Amount	Check #
Fund 582 Electric Fund							
Dept 000							
582-000-042.000	UNAPPLIED CREDIT	BEDFORD CHRISTOPHER	UB refund for account: 1-00750-08	1-00750-08	08/03/21	50.83	45397
582-000-042.000	UNAPPLIED CREDIT	LEIGH JEFFRY	UB refund for account: 3-02560-02	3-02560-02	08/03/21	18.86	45398
						69.69	
Total For Dept 000							
Dept 582 ELECTRIC DISTRIBUTION							
582-582-726.000	LIFE INSURANCE	STANDARD, THE	LIFE INSURANCE	07152021	08/01/21	10.93	45386
582-582-801.000	PROFESSIONAL & CONTRACTU	STATE OF MICHIGAN	2019 AUDIT SERVICES	3427	08/01/21	13,225.00	45329
582-582-850.000	UVERSE- LARGE CAPACITY ME	ATT U.VERSE	LARGE CAPACITY METER UVERSE	07022021	07/23/21	41.10	45334
582-582-850.000	UVERSE- LARGE CAPACITY ME	ATT U.VERSE	LARGE CAPACITY METER UVERSE	08062021	08/23/21	41.10	
						13,318.13	
Total For Dept 582 ELECTRIC DISTRIBUTION							
Dept 583 GENERAL EXPENSES							
582-583-719.000	HOSPITALIZATION	44 NORTH	COBRA RETIREES	211977	08/21/21	3.22	45375
582-583-725.000	WORKERS' COMPENSATION	MML WORKERS' COMP FUN	WORKERS COMP	2371206	09/15/21	367.33	
582-583-726.000	LIFE INSURANCE	STANDARD, THE	LIFE INSURANCE	07152021	08/01/21	39.01	45386
582-583-752.000	OFFICE SUPPLIES	NATIONAL OFFICE	PAPER	28665	08/10/21	9.87	45381
582-583-752.100	OPERATING SUPPLIES	AMAZON CAPITAL SERVICI	PAPER TOWELS/ ANGEL SOFT PROFESSION	14FTWLFHC7KF	07/28/21	31.11	45330
582-583-752.100	OPERATING SUPPLIES	FOSTER HARDWARE	SOCKET ADPTR/BUG SPRAY/ GREAT STUFF	214357	07/10/21	20.47	45374
582-583-752.100	OPERATING SUPPLIES	RAHILLY IGA	WATER	07142021	08/10/21	3.99	45384
582-583-752.100	OPERATING SUPPLIES	RANGE TELECOMMUNICA1	2 PAGERS	133705	08/10/21	82.50	45385
582-583-752.100	OPERATING SUPPLIES	RAHILLY IGA	WATER	07272021	08/10/21	3.49	45384
582-583-752.100	OPERATING SUPPLIES	RAHILLY IGA	WATER	07212021	08/10/21	3.99	
582-583-752.100	OPERATING SUPPLIES	RAHILLY IGA	WATER	08032021	09/10/21	3.99	
582-583-752.200	IT SOFTWARE	I.T. RIGHT	QUARTERLY EMAIL SUBSCRIPTIONS	20169349	09/01/21	120.00	
582-583-759.000	GAS OIL & GREASE - ELECTRIC	AUTO-WARES GROUP	ANTIFREEZE	330-476913	08/10/21	5.59	45396
582-583-759.000	GAS & OIL - ELECTRIC	WEX BANK - SPEEDWAY U	GAS/FUEL	73150701	08/20/21	249.09	
582-583-767.000	CLOTHING - UNIFORMS	RITZ SAFETY	FR JEANS- LINEMAN	44450	08/09/21	340.69	45361
582-583-801.000	PROFESSIONAL & CONTRACTU	CTC ENGINEERING LLC	FUSE REVIEW	26059-0120	08/08/21	2,337.80	45391
582-583-801.000	PROFESSIONAL AND CONTRAC	FAIR, ALMA	OFFICE CLEANING	08022021	08/15/21	100.00	
582-583-801.000	PROFESSIONAL AND CONTRAC	RANGE TELECOMMUNICA1	MISSDIGS	36634	08/05/21	14.94	
582-583-801.000	PROFESSIONAL & CONTRACTU	WISCONSIN CENTRAL LTD	BASE RENT- WIRE CROSSING- 5YR CONTRA	9500227917	09/01/21	55.00	
582-583-801.200	LEGAL	SONDEE, RACINE & DOREN	LEGAL COUNCIL	51	08/15/21	165.00	
582-583-850.000	TELEPHONE	AT&T	WATER/LIGHT PHONE	07162021	08/06/21	48.75	45369
582-583-850.000	906-291-0055 HR	VERIZON	ACCOUNT NUMBER 942077532-00002 - CELL	9884209430	08/07/21	11.69	45389
582-583-850.000	906-291-0608 LINEMAN	VERIZON	ACCOUNT NUMBER 942077532-00002 - CELL	9884209430	08/07/21	23.37	45389
582-583-850.000	906-450-0919 LINEMAN	VERIZON	ACCOUNT NUMBER 942077532-00002 - CELL	9884209430	08/07/21	20.87	45389
582-583-850.000	906-291-0136 MECHANIC	VERIZON	ACCOUNT NUMBER 942077532-00002 - CELL	9884209430	08/07/21	20.87	45389
582-583-850.000	906-291-1223	VERIZON	ACCOUNT NUMBER 942077532-00003 DESK	9884209431	08/07/21	7.06	45389
582-583-850.000	906-291-1621	VERIZON	ACCOUNT NUMBER 942077532-00003 DESK	9884209431	08/07/21	7.06	45389
582-583-850.000	906-291-1622 H.R.	VERIZON	ACCOUNT NUMBER 942077532-00003 DESK	9884209431	08/07/21	7.06	45389
582-583-850.000	906-291-1627 W/L	VERIZON	ACCOUNT NUMBER 942077532-00003 DESK	9884209431	08/07/21	14.12	45389
582-583-850.000	906-293-8531	VERIZON	ACCOUNT NUMBER 942077532-00003 DESK	9884209431	08/07/21	13.56	45389
582-583-850.000	906-291-1625 FINANCE	VERIZON	ACCOUNT NUMBER 942077532-00003 DESK	9884209431	08/07/21	7.06	45389
582-583-850.000	906-293-3433 GENRAL	VERIZON	ACCOUNT NUMBER 942077532-00003 DESK	9884209431	08/07/21	7.06	45389
582-583-850.000	906-293-5681 W/L CLERK 40%	VERIZON	ACCOUNT NUMBER 942077532-00003 DESK	9884209431	08/07/21	10.84	45389
582-583-850.000	TELEPHONE	VERIZON	ACCOUNT NUMBER 942077532-00001 FAX	06152021B	07/07/21	0.52	45389
582-583-850.000	906-291-0136 MECHANIC	VERIZON	ACCOUNT NUMBER 942077532-00002 - CELL	06152021B	07/07/21	20.88	45389
582-583-850.000	906-291-0055 HR	VERIZON	ACCOUNT NUMBER 942077532-00002 - CELL	06152021B	07/07/21	11.69	45389
582-583-850.000	906-291-0608 LINEMAN	VERIZON	ACCOUNT NUMBER 942077532-00002 - CELL	06152021B	07/07/21	23.38	45389
582-583-850.000	906-450-0919 LINEMAN	VERIZON	ACCOUNT NUMBER 942077532-00002 - CELL	06152021B	07/07/21	20.88	45389
582-583-850.000	906-293-5681 W/L CLERK 40%	VERIZON	ACCOUNT NUMBER 942077532-00003 DESK	06212021B	07/07/21	10.86	45389
582-583-850.000	906-293-8531	VERIZON	ACCOUNT NUMBER 942077532-00003 DESK	06212021B	07/07/21	13.61	45389
582-583-850.000	906-291-1625 FINANCE	VERIZON	ACCOUNT NUMBER 942077532-00003 DESK	06212021B	07/07/21	7.07	45389

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GL Number	Inv. Line Desc	Vendor	Invoice Desc.	Invoice	Due Date	Amount	Check #
Fund 582 Electric Fund							
Dept 583 GENERAL EXPENSES							
582-583-850.000	906-293-3433 GENRAL	VERIZON	ACCOUNT NUMBER 942077532-00003 DESK	06212021B	07/07/21	7.07	45389
582-583-850.000	906-291-1223	VERIZON	ACCOUNT NUMBER 942077532-00003 DESK	06212021B	07/07/21	7.07	45389
582-583-850.000	906-291-1621	VERIZON	ACCOUNT NUMBER 942077532-00003 DESK	06212021B	07/07/21	7.07	45389
582-583-850.000	906-291-1622 H.R.	VERIZON	ACCOUNT NUMBER 942077532-00003 DESK	06212021B	07/07/21	7.07	45389
582-583-850.000	906-291-1627 W/L	VERIZON	ACCOUNT NUMBER 942077532-00003 DESK	06212021B	07/07/21	14.15	45389
582-583-850.000	JAMADOTS - FIBER-OPTICS	HTC-HIAWATHA TELEPHON	ACCT 00042364-7	1440682	08/26/21	17.50	
582-583-850.000	JAMADOTS INTERNET	HTC-HIAWATHA TELEPHON	ACCT 00042108-7	1441186	08/26/21	25.87	
582-583-851.000	POSTAGE	ARISTA INFORMATION SYS	UB POSTAGE	INV-AIS-0003251	07/30/21	234.11	45332
582-583-900.000	PRINTING AND PUBLISHING	ARISTA INFORMATION SYS	UB BILLIG	INV-AIS-0003251	07/30/21	202.81	45332
582-583-900.000	PUBLISHING & PRINTING	NEWBERRY NEWS INC	DEMOLITIONS BIDS/W&LBOARD VACANCY	07/2021/025	08/28/21	18.00	
582-583-921.000	HEAT	SEMCOENERGY GAS COMP	WATER LIGHT BUILDING NATURAL GAS 23	08042021	08/24/21	7.74	
582-583-921.000	HEAT	SEMCOENERGY GAS COMP	GENERATION BUILDING NATURAL GAS 23	08042021	08/24/21	15.47	
582-583-932.000	VEHICLES REPAIRS & MAINTEN	AUTO-WARES GROUP	20 CU/FT OXYGEN MINI ACETYLENE	330-478445	08/10/21	26.49	45396
Total For Dept 583 GENERAL EXPENSES						4,855.76	
Dept 586 PURCHASED POWER							
582-586-801.000	PROFESSIONAL AND CONTRAC	MICHIGAN PUBLIC POWER	VOLUNTARY GREEN PRICING/RENEWABLE	20210710018	07/25/21	102.09	37
582-586-926.000	PURCHASED POWER	CLOVERLAND ELECTRIC C	MONTHLY POWER BILL	08032021	08/23/21	5,377.80	
582-586-926.000	PURCHASED POWER	CMS ENERGY RESOURCE M	PURCHASED POWER	10515	08/20/21	62,222.43	
582-586-926.100	ATC TRANSMISSION MONTHLY	AMERICAN TRANSMISSION	PURCHASED POWER - CAPACITY	35496	08/09/21	12,311.39	
Total For Dept 586 PURCHASED POWER						80,013.71	
Dept 587 ENERGY OPTIMIZATION							
582-587-801.000	PROFESSIONAL & CONTRACTU	MECA	MONTHLY INCENTIVES	4130590	07/31/21	4,303.03	45393
Total For Dept 587 ENERGY OPTIMIZATION						4,303.03	
Dept 588 SAVE THE BELLS							
582-588-752.200	SAVE THE BELLS EXPENSES	AMAZON CAPITAL SERVICI	LIQUID TAPE	1R3P3YC66W6J	08/01/21	20.25	45330
582-588-752.200	SAVE THE BELLS EXPENSES	AMAZON CAPITAL SERVICI	ACID BRUSHES/WIRE CONNECTORS/ GARL	1N7J9QFM3SW3	08/29/21	101.95	
Total For Dept 588 SAVE THE BELLS						122.20	
Total For Fund 582 Electric Fund						102,682.52	

INVOICE GL DISTRIBUTION REPORT FOR VILLAGE OF NEWBERRY  
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 BOTH OPEN AND PAID

GL Number	Inv. Line Desc	Vendor	Invoice Desc.	Invoice	Due Date	Amount	Check #
Fund 591 Water Fund							
Dept 536 WATER SYSTEM							
591-536-719.000	HOSPITALIZATION	44 NORTH	COBRA RETIREES	211977	08/21/21	2.70	45375
591-536-725.000	WORKERS' COMPENSATION	MML WORKERS' COMP FUN	WORKERS COMP	2371206	09/15/21	450.88	
591-536-726.000	LIFE INSURANCE	STANDARD, THE	LIFE INSURANCE	07152021	08/01/21	126.68	45386
591-536-752.000	OFFICE SUPPLIES	NATIONAL OFFICE	PAPER	28665	08/10/21	9.87	45381
591-536-752.100	OPERATING SUPPLIES	AMAZON CAPITAL SERVICE	PAPER TOWELS/ ANGEL SOFT PROFESSIONAL	14FTWLFHC7KF	07/28/21	31.10	45330
591-536-752.100	OPERATING SUPPLIES	FOSTER HARDWARE	SOCKET ADPTR/BUG SPRAY/ GREAT STUFF	214357	07/10/21	20.47	45374
591-536-752.100	OPERATING SUPPLIES	RAHILLY IGA	WATER	07142021	08/10/21	3.99	45384
591-536-752.100	OPERATING SUPPLIES	HAWKINS INC	AZONE 15/ TH CARURAL CARBOY	4982995	08/10/21	121.25	45392
591-536-752.100	OPERATING SUPPLIES	RANGE TELECOMMUNICAT	2 PAGERS	133705	08/10/21	82.50	45385
591-536-752.100	OPERATING SUPPLIES	FAMILY DOLLAR	TOTES	07262021	07/26/21	12.72	45388
591-536-752.100	OPERATING SUPPLIES	RAHILLY IGA	WATER	07272021	08/10/21	3.49	45384
591-536-752.100	OPERATING SUPPLIES	HAWKINS INC	AZONE 15	4990206	08/22/21	318.66	
591-536-752.100	OPERATING SUPPLIES	RAHILLY IGA	WATER	07212021	08/10/21	3.99	
591-536-752.100	OPERATING SUPPLIES	RAHILLY IGA	WATER	08032021	09/10/21	3.99	
591-536-752.200	IT SOFTWARE	I.T. RIGHT	QUARTERLY EMAIL SUBSCRIPTIONS	20169349	09/01/21	120.00	
591-536-753.000	TOOLS & EQUIP UND CAP THRE	FOSTER HARDWARE	BRUSH WHEEL/BRUSH CUP	214451	08/10/21	11.98	45339
591-536-759.000	GAS, OIL & GREASE	AUTO-WARES GROUP	ANTIFREEZE	330-476913	08/10/21	5.59	45396
591-536-759.000	GAS, OIL & GREASE - WATER	WEX BANK - SPEEDWAY U	GAS/FUEL	73150701	08/20/21	249.09	
591-536-801.000	PROFESSIONAL & CONTRACTU	SAULT STE MARIE CITY HA	MONTHLY WATER SAMPLES	512	07/30/21	54.00	45362
591-536-801.000	PROFESSIONAL & CONTRACTU	STATE OF MICHIGAN	WATER TESTING	761-10625775	08/14/21	733.00	45387
591-536-801.000	PROFESSIONAL & CONTRACTU	FAIR, ALMA	OFFICE CLEANING	08022021	08/15/21	100.00	
591-536-801.000	PROFESSIONAL & CONTRACTU	RANGE TELECOMMUNICAT	MISSDIGS	36634	08/05/21	14.94	
591-536-850.000	TELEPHONE	AT&T	WATER/LIGHT PHONE	07162021	08/06/21	48.76	45369
591-536-850.000	906-291-0608 LINEMAN	VERIZON	ACCOUNT NUMBER 942077532-00002 - CELL	9884209430	08/07/21	23.37	45389
591-536-850.000	906-291-0055 HR	VERIZON	ACCOUNT NUMBER 942077532-00002 - CELL	9884209430	08/07/21	11.69	45389
591-536-850.000	906-450-0919 LINEMAN	VERIZON	ACCOUNT NUMBER 942077532-00002 - CELL	9884209430	08/07/21	20.87	45389
591-536-850.000	906-291-1622 H.R.	VERIZON	ACCOUNT NUMBER 942077532-00003 DESK	9884209431	08/07/21	7.06	45389
591-536-850.000	906-291-1621	VERIZON	ACCOUNT NUMBER 942077532-00003 DESK	9884209431	08/07/21	7.06	45389
591-536-850.000	906-291-1223	VERIZON	ACCOUNT NUMBER 942077532-00003 DESK	9884209431	08/07/21	7.06	45389
591-536-850.000	906-293-5681 W/L CLERK 40%	VERIZON	ACCOUNT NUMBER 942077532-00003 DESK	9884209431	08/07/21	10.84	45389
591-536-850.000	906-293-3433 GENERAL	VERIZON	ACCOUNT NUMBER 942077532-00003 DESK	9884209431	08/07/21	7.06	45389
591-536-850.000	906-291-1625 FINANCE	VERIZON	ACCOUNT NUMBER 942077532-00003 DESK	9884209431	08/07/21	7.06	45389
591-536-850.000	906-291-1627 W/L	VERIZON	ACCOUNT NUMBER 942077532-00003 DESK	9884209431	08/07/21	14.12	45389
591-536-850.000	FAX	VERIZON	ACCOUNT NUMBER 942077532-00001 FAX	06152021B	07/07/21	0.52	45389
591-536-850.000	906-450-0919 LINEMAN	VERIZON	ACCOUNT NUMBER 942077532-00002 - CELL	06152021B	07/07/21	20.84	45389
591-536-850.000	906-291-0608 LINEMAN	VERIZON	ACCOUNT NUMBER 942077532-00002 - CELL	06152021B	07/07/21	23.38	45389
591-536-850.000	906-291-0055 HR	VERIZON	ACCOUNT NUMBER 942077532-00002 - CELL	06152021B	07/07/21	11.69	45389
591-536-850.000	906-293-5681 W/L CLERK 40%	VERIZON	ACCOUNT NUMBER 942077532-00003 DESK	06212021B	07/07/21	10.86	45389
591-536-850.000	906-293-3433 GENERAL	VERIZON	ACCOUNT NUMBER 942077532-00003 DESK	06212021B	07/07/21	7.07	45389
591-536-850.000	906-291-1625 FINANCE	VERIZON	ACCOUNT NUMBER 942077532-00003 DESK	06212021B	07/07/21	7.07	45389
591-536-850.000	906-291-1627 W/L	VERIZON	ACCOUNT NUMBER 942077532-00003 DESK	06212021B	07/07/21	14.15	45389
591-536-850.000	906-291-1622 H.R.	VERIZON	ACCOUNT NUMBER 942077532-00003 DESK	06212021B	07/07/21	7.07	45389
591-536-850.000	906-291-1621	VERIZON	ACCOUNT NUMBER 942077532-00003 DESK	06212021B	07/07/21	7.07	45389
591-536-850.000	906-291-1223	VERIZON	ACCOUNT NUMBER 942077532-00003 DESK	06212021B	07/07/21	7.07	45389
591-536-850.000	JAMADOTS FIBER- OPTICS	HTC-HIAWATHA TELEPHO	ACCT 00042364-7	1440682	08/26/21	17.50	
591-536-850.000	TELEPHONE	HTC-HIAWATHA TELEPHO	ACCT 00042108-7	1441186	08/26/21	25.87	
591-536-851.000	POSTAGE	ARISTA INFORMATION SYS	UB POSTAGE	INV-AIS-0003251	07/30/21	132.07	45332
591-536-851.000	POSTAGE	FOSTER HARDWARE	FRIEGHT WATER SAMPLES	214572	08/10/21	186.23	45374
591-536-851.000	POSTAGE	FOSTER HARDWARE	SHIPPING WATER SAMPLES	214720	08/10/21	173.76	
591-536-900.000	PUBLISHING & PRINTING	ARISTA INFORMATION SYS	UB BILLIG	INV-AIS-0003251	07/30/21	114.40	45332
591-536-921.000	HEAT	SEMCOENERGY GAS COMP	WATER LIGHT BUILDING NATURAL GAS 23	08042021	08/24/21	7.73	
591-536-929.000	REPAIRS & MAINTENANCE	AUTO-WARES GROUP	2 X1/4 WIRE WHL	330-477860	08/10/21	3.29	45396
591-536-932.000	VEHICLES REPAIRS & MAINTEN	NEAL'S TRUCK PARTS	LIGHT	509160	08/10/21	4.92	45382

INVOICE GL DISTRIBUTION REPORT FOR VILLAGE OF NEWBERRY  
 POST DATES 07/10/2021 - 08/06/2021  
 BOTH JOURNALIZED AND UNJOURNALIZED  
 BOTH OPEN AND PAID

GL Number	Inv. Line Desc	Vendor	Invoice Desc.	Invoice	Due Date	Amount	Check #
Fund 591 Water Fund Dept 536 WATER SYSTEM 591-536-932.000	VEHICLES REPAIRS & MAINTEN	AUTO-WARES GROUP	20 CU/FT OXYGEN MINI ACETYLENE	330-478445	08/10/21	26.49	45396
			Total For Dept 536 WATER SYSTEM			3,454.89	
			Total For Fund 591 Water Fund			3,454.89	

INVOICE GL DISTRIBUTION REPORT FOR VILLAGE OF NEWBERRY  
POST DATES 07/10/2021 - 08/06/2021  
BOTH JOURNALIZED AND UNJOURNALIZED  
BOTH OPEN AND PAID

GL Number	Inv. Line Desc	Vendor	Invoice Desc.	Invoice	Due Date	Amount	Check #
			Fund Totals:				
			Fund 582 Electric Fund			102,682.52	
			Fund 591 Water Fund			3,454.89	
			Total For All Funds:			<hr/> 106,137.41	



# First National Bank

## Main Office:

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

## Les Cheneaux Branch

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

## West Mackinac Branch

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

## Mackinac Island Branch

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

## Newberry Branch

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

2049509

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

Date 6/30/21 Page 1 of 1  
 ACCOUNT NUMBER

MUNICIPAL MONEY MARKET					1
ACCOUNT NUMBER	7703432	Statement Dates	6/01/21 thru	6/30/21	
PREVIOUS BALANCE	17,268.83	DAYS IN STATEMENT PERIOD		30	
1 CREDITS TOTALING	505.25	AVERAGE LEDGER BAL		17,538	
DEBITS TOTALING	.00	AVERAGE COLLECTED BAL		17,538	
SERVICE CHARGE AMOUNT	.00	Interest Earned		3.61	
INTEREST PAID	3.61	Annual Percentage Yield Earned		0.25%	
CURRENT STMT BALANCE	17,777.69	2021 Interest Paid		19.98	

\*\*\*\*\*

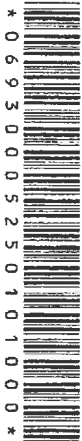
DEPOSITS AND OTHER CREDITS.....		
DATE	DESCRIPTION	AMOUNT
6/15	DDA REGULAR DEPOSIT	505.25
6/30	INTEREST PAID 30 DAYS	3.61

\*\*\*\*\*

DAILY BALANCE SUMMARY.....					
DATE.....	BALANCE	DATE.....	BALANCE	DATE.....	BALANCE
6/01	17,268.83	6/15	17,774.08	6/30	17,777.69

\*\*\*\*\*

INTEREST RATE SUMMARY.....	
DATE.....	INTEREST RATE
5/31	.25%



# VILLAGE OF NEWBERRY



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

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## **Newberry Water and Light Dept Dan Kucinskis Water & Light Supt. July 2021**

- Read all meters
- Red tags
- Disconnects/Reconnects
- Multiple Miss Digs
- Daily Well Inspection
- Water Meter Inspections
- Monthly Water Samples (Came Back Good)
- Took Trihalomethanes Water Test
- Built New Power Bank Pole To Spilt Up Load  
(Behind Bodi & Ford Garage)
- Starting To Rewire Christmas Lights
- Repaired Hydrant at M123 & Railroad St
- Separated Load behind Bob The Barber
- Herbicides Test Came Back Good
- Volatile Organic Test Came Back Good
- Ordered Back Up Transformer For Well 6 & 7
- Still Pulling Old Poles

2021 - ELECTRIC CONSUMPTION / BILLING

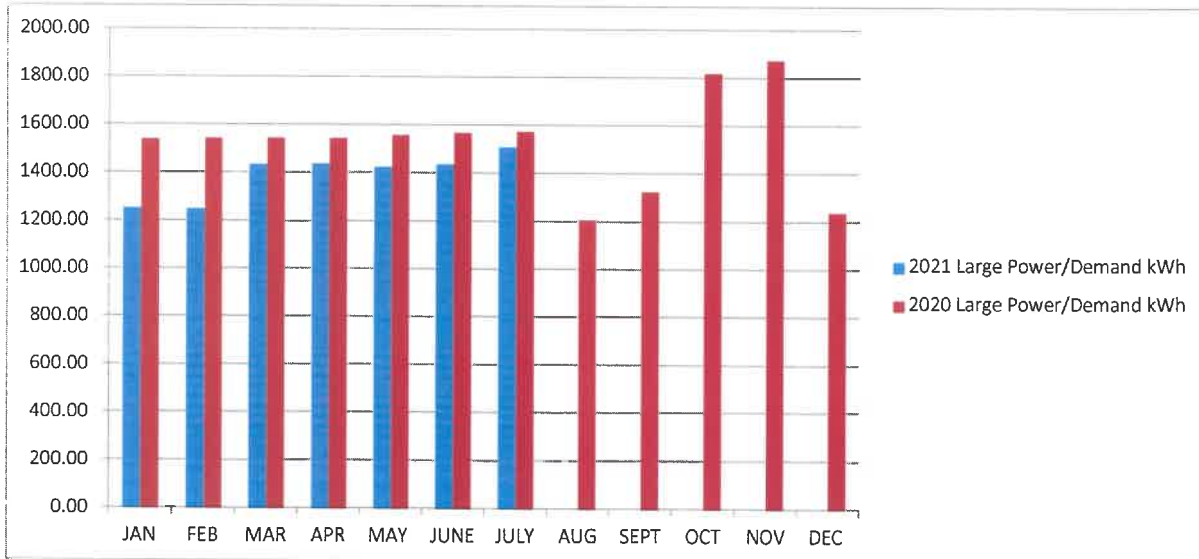
	RESIDENTIAL						COMMERCIAL						LARGE POWER						DEMAND			
	ER KW	METERS	ER FUEL ADJ	EO BASE	ER AMT BILLED	EC KW	METERS	EC FUEL ADJ	EC AMT BILLED	LG KW	METERS	LG AMT BILLED	FUEL ADJ	DEMAND KW	METERS	DEMAND AMT BILLED						
JAN	624623.00	1175	\$ 7,082.82	\$ 896.71	\$ 65,409.54	238552.00	211	\$ 2,644.34	\$ 27,894.38	505861.00	15	\$ 26,657.52	\$ 5,759.59	1257.00	13	\$ 12,218.20						
FEB	810495.00	1176	\$ 9,132.17	\$ 1,167.64	\$ 84,886.04	240310.00	211	\$ 2,652.86	\$ 27,889.02	489417.00	15	\$ 25,771.35	\$ 5,585.60	1254.00	13	\$ 12,159.16						
MAR	619596.00	1171	\$ 7,027.20	\$ 890.19	\$ 64,880.81	285227.00	211	\$ 3,174.67	\$ 33,412.00	484895.00	15	\$ 25,583.38	\$ 5,631.26	1439.00	13	\$ 13,229.82						
APR	740875.00	1173	\$ 8,378.75	\$ 1,067.54	\$ 77,591.91	215209.00	210	\$ 2,391.38	\$ 25,143.86	535153.00	15	\$ 28,176.38	\$ 6,044.18	1443.00	13	\$ 13,191.44						
MAY	652162.00	1177	\$ 7,343.29	\$ 936.34	\$ 68,293.72	237290.00	210	\$ 2,641.70	\$ 27,791.28	417126.00	15	\$ 22,075.08	\$ 4,758.23	1431.00	13	\$ 13,154.38						
JUN	420968.00	1173	\$ 4,741.22	\$ 603.67	\$ 44,081.42	172426.00	211	\$ 1,919.28	\$ 20,193.35	399861.00	15	\$ 21,072.64	\$ 4,480.52	1442.00	13	\$ 13,252.78						
JUL	644925.00	1197	\$ 7,198.66	\$ 916.30	\$ 67,534.51	271668.00	212	\$ 3,023.96	\$ 31,842.21	634659.00	15	\$ 33,436.39	\$ 7,091.42	1514.00	13	\$ 13,784.40						
AUG																						
SEPT																						
OCT																						
NOV																						
DEC																						
TOTAL	644806.2857	8242.00	\$ 50,904.11	\$ 6478.39	\$ 472,671.95	1660482.00	1476.00	\$ 18,448.19	\$ 194,106.10	3466972.00	105.00	\$ 182,772.74	\$ 39,350.80	9780.00	91.00	\$ 90,990.18						
AVG		1177.429	\$ 7272.015714	\$ 925.4842857	\$ 67525.42143	237211.7143	210.8571	\$ 2635.455714	\$ 27729.44286	495281.7143	15	\$ 26110.39143	\$ 5621.542857	1397.143	13	\$ 12998.59714						

TOTAL KWH 5137.23  
 AVERAGE MET 1416.285714

## Water & Light

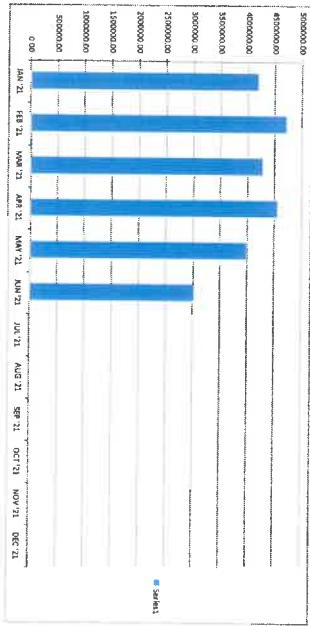
### Electric Demand Report Large Power/Industrial 2021

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



Water & Light  
 Billed Electric KWh Report - 2021

MONTH:	RES/COM KWH	DEB. BILLED	RES/COM BILL	CONSUMER'S	MPPA	MISO	ATC	CEE-HYDRO	2021 PAID	2020 PAID	2019 PAID	2018 PAID	2017 PAID	2016 PAID	2015 PD.	SAVED: (2021 vs 2020)
JUN 21	4156013.00	\$ 12,218.20	\$ 169,218.30	\$ 69,764.77	\$ 138.93	\$ 2,113.91	\$ 12,311.39	\$ 4,969.27	\$ 89,318.27	\$ 96,004.09	\$ 109,949.71	\$ 129,527.53	\$ 120,344.74	\$ 103,229.84	\$ 146,688.48	\$ 1,688.82
JUN 21	4719170.00	\$ 12,159.16	\$ 190,183.21	\$ 69,202.16	\$ 52.80	\$ 3,377.99	\$ 12,311.39	\$ 5,044.92	\$ 89,988.96	\$ 88,399.51	\$ 101,672.04	\$ 119,647.95	\$ 111,398.64	\$ 102,655.98	\$ 146,344.31	\$ 1,589.65
JUN 21	4828045.00	\$ 13,229.62	\$ 175,673.55	\$ 65,991.46	\$ 23.01	\$ 3,153.85	\$ 12,311.39	\$ 5,015.36	\$ 86,495.07	\$ 87,456.14	\$ 99,435.07	\$ 106,464.90	\$ 106,494.00	\$ 130,780.97	\$ 131,352.91	\$ 1,661.02
AUG 21	3834974.00	\$ 13,191.84	\$ 182,641.36	\$ 59,697.52	\$ 30.52	\$ 3,172.90	\$ 12,311.39	\$ 5,194.68	\$ 80,070.11	\$ 78,916.48	\$ 95,210.19	\$ 99,338.04	\$ 106,494.00	\$ 98,455.91	\$ 114,272.13	\$ 1,600.53
JUN 21	3028358.00	\$ 12,272.78	\$ 129,594.98	\$ 53,288.00	\$ 18.64	\$ 2,638.28	\$ 11,717.39	\$ 5,352.86	\$ 73,025.17	\$ 74,814.28	\$ 84,813.79	\$ 99,338.04	\$ 98,979.18	\$ 121,856.40	\$ 141,092.13	\$ 1,609.11
AUG 21																\$ 1,664.67
SEP 21																
OCT 21																
NOV 21																
DEC 21	24780371.00	\$ 77,205.28	\$ 1,014,293.89	\$ 374,319.25	\$ 365.99	\$ 17,208.90	\$ 72,274.24	\$ 30,657.92	\$ 500,027.90	\$ 965,006.70	\$ 981,583.24	\$ 1,072,297.04	\$ 1,294,437.93	\$ 1,288,637.86	\$ 1,400,908.51	\$ 831.35



MONTH	Recorded Gallons Pumped 1st -30th/31st month	Amounts (16th to 15th of the month prior)	Actual Revenue Received	Billed Reu's (16th to 15th of the month prior)	Gallons Billed (16th to 15th of the month prior)	Difference between gallons pumped and	Monthly Revenue Goal	% OF GOAL	Difference between Revenue Collected and Monthly Revenue Goal
JAN'21	5,103,200.00	\$ 73,984.00	\$ 75,966.72	986.45	2,959,350.00	2,143,850.00	\$ 76,850.00	98.9%	-\$883.28
FEB'21	5,695,000.00	\$ 73,750.14	\$ 76,430.25	983.34	2,950,020.00	2,744,980.00	\$ 76,850.00	99.5%	-\$419.75
MAR '21	5,292,000.00	\$ 73,962.50	\$ 75,624.00	986.17	2,958,510.00	2,333,490.00	\$ 76,850.00	98.4%	-\$1,226.00
APR '21	6,519,600.00	\$ 74,252.57	\$ 76,154.78	990.03	2,970,090.00	3,549,510.00	\$ 76,850.00	99.1%	-\$695.22
MAY '21	6,870,200.00	\$ 74,762.50	\$ 75,024.11	996.83	2,990,490.00	3,879,710.00	\$ 76,850.00	97.6%	-\$1,825.89
JUNE'21	8,245,400.00	\$ 75,399.26	\$ 77,245.09	1,005.32	3,015,960.00	5,229,440.00	\$ 76,850.00	100.5%	\$395.09
JULY '21	9,767,500.00	\$ 76,088.17	\$ 76,881.92	1,014.51	3,043,530.00	6,723,970.00	\$ 76,850.00	100.0%	\$31.92
AUG '21					-	-		#DIV/0!	\$0.00
SEPT '21					-	-		#DIV/0!	\$0.00
OCT '21					-	-		#DIV/0!	\$0.00
NOV '21					-	-		#DIV/0!	\$0.00
DEC '21					-	-		#DIV/0!	\$0.00
	<b>Total Gallons Pumped</b> 47,492,900.00	<b>Total Billed Amounts</b> \$ 522,199.14	<b>Total Actual Revenue</b> \$ 533,326.87	<b>Billed REU's</b> \$ 6,962.65	<b>Gallons Billed</b> \$ 20,887,950.00	<b>26,604,950.00</b>	<b>Revenue Goal</b> 537,950.00	<b>% OF GOAL</b> 99%	<b>Total</b> -\$4,655.05

**Subject:** OP Engine Repair – Newberry MI

**Background:** The 12-cylinder OP engine installed at Newberry MI suffered an upper connecting rod failure in cylinder #6

**Recommendation:** ( 1 through 12 items – must be done with either option 1 or 2 )

1. Remove and recertify upper crankshaft
2. Remove and rebuild blower
3. Clean engine and sump
  - a. Perform oil flush
4. Repair or replace top cover
5. Clean all upper pistons and connecting rod oil passages
6. Clean all passages in upper crankshaft
7. Clean oil filters
8. Remove and inspect lower main bearings for foreign material contamination, if contaminated replace.
9. Remove and inspect #1 lower connecting rod bearing, if FOD damage is present, proceed to other connecting rods to inspect for damage. If FOD damage is found, remove and clean connecting rod and piston oil passages. Replace upper connecting rod – Cyl-6.
10. Rebuilt Vertical Drive
11. Replace #2 OCS camshaft section
  - a. When camshafts are removed, inspect bore alignment with mandrel. Repair with a salvage sleeve is necessary.
  - b. If salvage bushings are needed, must line bore
12. Sleeve and line bore cylinder #6 liner decks in crankcase

#### Upper Crankline repair

#### **Option 1** Rough Estimated cost of Option 1 (Minimum repair) – 550,000.00usd

**Minimum repair:** If the engine is primarily used for standby power with limited number of hours operated per year then a less invasive repair may be acceptable. The 10.125” dimensions are all satisfactory, bore alignment requirement is .002” bore to bore vertically and .004” bore to bore horizontally. The March 8<sup>th</sup> report shows some bores at this limit already, but they are not in the area of failure. Bore alignment from 5-6 and 6-7 where the failure occurred looks normal with little influence from the failure. Nearly all the caps are drawn in a few thousands, but the bore diameters are correct they could be left as is. Cap #7 has drawn in to 10.115”, this cap should be replaced or pressed.

#### **Option 2** Rough Estimated cost of Option 2 (Minimum repair) – 1,600,000.00usd

**Full repair:** If this engine is planned for continuous operation, it would be advised to complete a more comprehensive repair. To restore all the bore diameters, cap fits, and alignment the Crankline should be welded, new caps installed, and line bored. Some of the bore to bore alignment is at the high limit and many bores are .001” over high limit.



In-Place Machining Co.  
3811 N. Holton St.  
Milwaukee, WI 53212  
414.562.2000  
414.562.2932 (fax)  
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March 25<sup>th</sup>, 2021

Mr. Todd Lewis  
Fairbanks Morse Engine (FME)  
Central Region Service  
12253 FM 529  
Houston, TX 77041

Via e-mail:

Subject: Condition found report from the inspection of the upper crank line of an OP engine at the Newbury Power Plant in Newberry, MI.

Ref: FME PO 1210539, Engine Serial No 3-8D874015TDSM12

IPM Ref: IPM Job # 57495

### **As found engine condition**

The block was partially disassembled with the upper crankshaft removed and the damaged cylinder liner and 2 adjacent cylinder liners removed. The lower crankshaft was assembled in the block and the engine block still mounted to the foundation. The upper main caps were removed.

### **General Inspection Plan for Upper Crankshaft Bore Lines**

- FME to have the engine block disassembled and the upper crankshaft removed prior to IPM's arrival on site.
- Mobilize inspection equipment and technicians to site.
- Perform crack detection in the damaged area(s) of the block.
- Inspect the top of the block for flatness.
- Measure the bearing caps and engine block cap mounting surfaces for correct geometry of upper crank line.
- Install caps and torque to proper specifications. (Customer's assistance and torquing tools required for this)
- Inspect the main bearing bores for size, roundness and bore to bore alignment of upper crank line. IPM uses specially designed optical tooling for this inspection.
- Please note: IPM's method of inspecting the engine block is very precise with accurate diagnosis of bearing bore geometry and locations. We do not need to use FME's 'mandrel check' method to verify and inspect the bearing bores and have not included this check in our proposal. IPM does not own a mandrel for this inspection.
- Inspect cylinder liner landing bore diameters for size, roundness and alignment, (4) bores per cylinder referencing the upper and lower bores.
- Provide final inspection of main bearing bore line to include size, roundness and bore to bore alignment.
- Work with FME Technical services to develop a repair plan prior to the start of any work.
- IPM to provide a quotation for machining after inspection is complete and machining scope has been defined.

### **Summary of Inspections**

- The initial inspection is to verify the flatness of the engine block. The top of the block is inspected to determine if it is in a flat condition. The block measured with a twist of about .020". Each rail measured straight within about .005" on each side independently. Since the block is bolted to the foundation, it could not be determined if the block is twisted due to the foundation or due to the damage. See form #48 Horizontal Joint Inspection, 2 pages.





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- The block was inspected for cracks in all the areas of failure and any location where the block showed evidence of an impact. The inspection method was wet fluorescent magnetic particle using a magnet and black light. No indications were found.
- Measured the bearing caps and block fits. The top of the pads on the block were inspected for tilt and were flat withing .0015" as measured with a feeler gage and straightedge. The block fits were measured for the 10.125" (+.000", -.002"). Most of the fits were between 10.123" to 10.125". The pad height to the bore centerline is 1.125" (+.000, -.002"). See form 65B Bearing Block.
- Measured the bearing cap fits. The caps were measured for the 10.125" width (+.002", -.000") and all but 14 fell under the minimum tolerance size of 10.125". The bearing cap ear to pad dimension was measured, most of the caps measured 1.112" to 1.116". Bearing caps 4 and 6 measured smaller 1.108" and bearing caps 2, 7, 10, 11 and 14 measured up to 1.121. This is not a critical dimension as long as it measures less than the block step of 1.123". See form #64 Bearing Cap.
- Caps were installed and studs were tensioned. The bore diameters were measured for size, roundness and taper. Rebore tolerance is 9.500" (+/-0.01"). The bores range from 9.500" to 9.5025" with almost every bore having some readings over 9.501". See form #46 Bore Micrometer readings.
- Bore targets were placed in the bores 1 and 14 and centered to the best fit of the bore. A third target was moved bore to bore to inspect the location of each bore with reference to bores 1 and 14. The bore targets are centered in the bore using an indicator to sweep the bore. Bores 4, 6, and 7 have an offset at the joint between the cap and block. See form #47 Bore Target Indicator readings.
- The bore to bore alignment referencing bores 1 and 14 demonstrate deviation greater than allowable in both the horizontal and vertical direction. Ideally a bore line should not deviate more than .0015" bore to bore in the vertical direction and .002" bore to bore in the horizontal direction. Vertically the bore line has a .003" jump bore 1 to bore 2 and a .0025" jump bore 5 to bore 6. Horizontally there is a .004" offset bore 1 to bore 2 and a .003" offset bore 12 to bore 13. See form #45 Bore centerline Deviation for bore line readings.
- The number 5, 6, and 7 cylinder support bores were inspected for size and roundness. The print bore size for the upper bore is 10.880" +/-0.001", bore 2 10.875" +/-0.001", bore 3 10.870" +/-0.001" and bore 4 (lower) 9.380" +.005", -.000". The number 6 cylinder support bores measures out of round and slightly out of tolerance ranging from 10.8785" to 10.882" upper, 10.876" to 10.8785" bore 2, 10.873" to 10.876" bore 3 and 9.386" to 9.387" bore 4. The alignment of the cylinder bores was inspected referencing bores 2 and 3 and the top bore was about .003" off alignment. Cylinder 5 and 7 upper bores were inspected for size and roundness. Cylinder 5 upper bore was round within .0015" but about .0015" over the high limit, 10.881" to 10.8825". Cylinder 7 upper bore measured round within .0027" and .0007" over the high limit, 10.879" to 10.8817". See form #?? bore mic readings.

### Conclusions for Repair Solutions

- IPM is suggesting a repair plan that would restore the upper crank bore line and cylinder liner bores back to factory tolerance conditions. Since the lower crankshaft is still installed, the complete block condition can not be determined. The possible reason for concern of the lower crank bore line is the twist in the upper portion of the block rail area. It may be that the block has had a slight twist from the years of service and or foundation changes and it may not be a result of the damage suffered, but this is not known for certain. We would suggest the block be loosened from the foundation and the top of the block to be measured for flatness again. The block may relax itself back to a flat condition or may be able to be adjusted and reset to a flat condition. Deflection readings could be used to verify the lower crankshaft alignment is in good condition prior to continuing with the repair process. If the lower crankshaft alignment is good and the upper block



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flatness is not to specification (typically .005" flatness) but the block is in a relaxed condition, repairs to the upper bore line could still be conducted.

- Upper bore has numerous small out of tolerance conditions, all the bore have some diameter readings out of tolerance, there is an alignment issue between bores 1 and 2, 5 and 6, 12 and 13 along with offsets in cap to block of bores 5, 6, and 7. Our recommendation would be to weld all the bores, replace all the caps and line bore the entire upper line.
- The cylinder support bores on cylinder 6 and oversize and out of round and out of alignment. We would suggest over boring the cylinder support bores, sleeving the bores, and machining back to size referencing the lower bore and perpendicular to the upper and lower crankshaft line. This may also need to be performed to cylinder support 5 and 7 as it is slightly oversize and out of round. After stripping of the block the remaining cylinder support bores should be inspected. Possibly the out of tolerance of the upper bores of 5 and 7 are normal for an engine of this age and they do not need repairing. We do not have a reusable guideline for this.
- This proposed work scope can be discussed and re-evaluated based on any added information FME and the customer can add.

If you have any questions or would like to discuss the results of the inspection or the plan to repair the block please call or email.

Thank you again for the opportunity to provide this work for Fairbanks Morse. We value your business and look forward to working with you for completion of this project in a timely and expert manner. If you have further questions or comments, please feel free to contact me at any time at 414.562.2000 x224, or via fax at 414.562.2932. You can also contact me via e-mail at [JVretenar@inplace.com](mailto:JVretenar@inplace.com).

Please be sure to visit us on the web at [www.inplace.com](http://www.inplace.com) to learn more about our company and the services we offer.

Respectfully,  
In-Place Machining Company

A handwritten signature in black ink, appearing to read "John Vretenar".

John Vretenar  
VP of Technical Services