

## **ELDRIDGE ELECTRIC AND WATER UTILITY BOARD**

August 6, 2024 – 5:00pm  
City Hall, 305 N. 3<sup>rd</sup> Street

1. Call to Order
2. Public Comment
3. Approval of Agenda
4. **Approval of Utility Board Meeting Minutes from July 23, 2024**
5. Financial
  - A. **Consideration to Approve Bills Payable**
  - B. Discussion and Consideration on investing a portion of Utility funds in T-Bills
  - C. Update on Dickinson, Bradshaw, Fowler & Hagen, P.C. records request
  - D. Consideration to continue leasing or to approve purchase of ice machine for City Shop
  - E. **Discussion on charging Admin Fee on Utility Bills for covering cost of postage to mail statements**
6. Electric Department
  - A. Outages
  - B. Department Update – Collin Wilson
7. Water Department
  - A. Water Test Results
  - B. **Discussion and Consideration to approve Cahoy estimate for the repairs and reinstallation of Well #2**
  - C. **Consideration to approve estimate from Petersen Plumbing for the repair of Well #4**
  - D. **Discussion and potential action on purchase of a new mower for the Water Treatment Plant**
  - E. Department Update – Cegan Long
8. Administrative
  - A. Department Update – Nevada Lemke
9. Adjournment

**NEXT REGULAR MEETING: Tuesday, August 20<sup>th</sup>, 2024 at 5:00pm**

The regular meeting of the Board of Trustees of the Eldridge Electric and Water Utility Board was called to order at 5:01 P.M. on July 23, 2024, at Eldridge City Hall.

Board members present were Craig Gehrls, Abby Petersen, Rachael Padavich, Jeff Hamilton and Michael Bristley. Also, present Nevada Lemke, Ryan Iossi, Collin Wilson, Cegan Long, Frank King, and Sadie Wagner.

Public Comment – none

Motion by Petersen to approve Agenda. Second by Padavich. All Ayes. Motion Carries.

Motion by Padavich to approve Utility Board Minutes from July 9, 2024. Second by Bristley. All Ayes. Motion Carries.

Financial-

- A. Motion by Hamilton to Approve Bills Payable in the amount of \$301,945.87. Second by Petersen. All Ayes. Motion Carries.
- B. Motion by Hamilton to table Discussion & Consideration on investing a portion of Utility Funds in T-Bills pending more information. Second by Petersen. All Ayes. Motion Carries.
- C. Motion by Padavich to Approve purchase of cell phone and service transfer for new employee. Second by Hamilton. All Ayes. Motion Carries.
- D. Update on Dickinson, Bradshaw, Fowler & Fowler & Hagen, P. C. records request. Discussed amongst the board.

Electric Department-

- A. Outages – Collin Wilson reported 2 outages. The first outage was reported on July 16<sup>th</sup> at 10:45 A.M. at 650 E Le Claire Rd, due to the previous night's storms. Power was restored at 11:05 A.M. The second outage was reported July 18<sup>th</sup> at 750 E Le Claire Rd at 7:00 A.M. due to animal contact. Power restored at 7:15 A.M.
- B. Mi-Tech Services Pole Inspection Results for 7/11/2024- Wilson provided update.
- C. Department Update – Given by Line Foremen Collin Wilson. Wilson stated they have wrapped up their IUB underground inspection for the year 2024 and projects have been scheduled for any corrections that have been found. As of now, Wilson stated they just have their routine work scheduled.

Water Department-

- A. Motion by Petersen to Approve Proposal for SCADA Upgrade from Tri-City Electric in the amount of \$54,866. Second by Padavich. All Ayes. Motion Carries.
- B. Discussion on the proposal from Quad City Construction in the amount of \$4,610 for installation of new windows with screens at the Water Treatment Plant. Tabled pending further information and quotes.
- C. Discussion on the proposal from Quad City Construction in the amount \$7,964 to add second desk/workstation at the WTP. Tabled pending further information and quotes.
- D. Motion by Bristley to Approve purchase of 2 Full Face Respirators with Filters for a total amount of \$6,140. Second by Padavich. All Ayes. Motion Carries.
- E. Update on replacement of Control Box on Chlorine Scale unit recently sent out for repairs. Update provided by Water Operator, Cegan Long. Long stated they received it that day and they plan to put it in on Thursday.
- F. Department Update – Given by Water Plant Operator, Cegan Long. Long stated they sent nitrates, nitrites, and ammonia last week for testing and are currently waiting for the report. They sent fluoride in today. Long stated he asked for a more elaborate explanation on the award they received for the fluoride and got that amongst the 1,209 adjusted systems through 27 states, Eldridge was 1 of 80 in the state of Iowa that received that award. Well #2 was scoped and they are awaiting the report back. The motor is currently being rebuilt. He also stated that customers who have Backflow Prevention on their systems are required to get them tested yearly. He suggested putting out a notice to customers who have RPZs so they are aware they are to test them annually.

Motion by Petersen to adjourn the meeting at 5:59 P.M. Second by Padavich. All Ayes. Motion Carries.

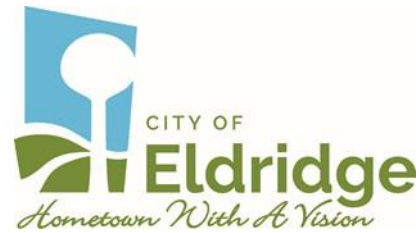
Sadie Wagner  
Billing Clerk

BILLS PAYABLE						
CHECK #	DEPT	FUND	VENDOR	DESCRIPTION	FREQUENCY	AMOUNT
919	ELECTRIC	630 5-820-6503	CENTRAL MUNICIPAL POWER	ENERGY SUPPLY	MONTHLY	\$ 159,216.38
930	INS REIMB	821 5-630-6184	EBS - EMPLOYEE BENEFIT SYST	PSF - INS CLAIM FUNDING	WEEKLY	\$ 30.00
931	WATER	600 5-810-6150	EBS - EMPLOYEE BENEFIT SYST	PARTIAL SELF FUNDING - INS BENEFITS	MONTHLY	\$ 28.10
931	ELECTRIC	630 5-820-6150	EBS - EMPLOYEE BENEFIT SYST	PARTIAL SELF FUNDING - INS BENEFITS	WEEKLY	\$ 9.45
941	INS REIMB	821 5-630-6184	EBS - EMPLOYEE BENEFIT SYST	PSF - INS CLAIM FUNDING	MONTHLY	\$ 1,212.83
943	ELECTRIC	630 5-820-6402	FIRST CENTRAL STATE BANK	BANK FEES	N/A	\$ 158.00
944	ELECTRIC	630 5-820-6501	MIDAMERICAN ENERGY CO	LOUISA CASH REQUEST	MONTHLY	\$ 41,000.00
944	ELECTRIC	630 5-820-6502	MIDAMERICAN ENERGY CO	WS4 CASH REQUEST	MONTHLY	\$ 77,000.00
226135	WATER	600 5-810-6150	DELTA DENTAL	BASIC LIFE INS PREMIUMS	MONTHLY	\$ 1.00
226135	WATER	600 5-810-6150	DELTA DENTAL	LTD INSURANCE PREMIUMS	MONTHLY	\$ 20.29
226135	WATER	600 5-810-6150	DELTA DENTAL	DENTAL/VISION INS PREMIUMS	MONTHLY	\$ 233.16
226135	ELECTRIC	630 5-820-6150	DELTA DENTAL	BASIC LIFE INS PREMIUMS	MONTHLY	\$ 9.00
226135	ELECTRIC	630 5-820-6150	DELTA DENTAL	LTD INSURANCE PREMIUMS	MONTHLY	\$ 59.52
226135	ELECTRIC	630 5-820-6150	DELTA DENTAL	DENTAL/VISION INS PREMIUMS	MONTHLY	\$ 105.51
226136	INS REIMB	821 5-630-6184	DEPT OF THE TREASURY	2023 PICORI REPORT FEE	ANNUALLY	\$ 25.76
226137	WATER	600 5-810-6150	WELLMARK BLUE CROSS	HEALTH INSURANCE PREMIUMS	MONTHLY	\$ 3,875.94
226137	ELECTRIC	630 5-820-6150	WELLMARK BLUE CROSS	HEALTH INSURANCE PREMIUMS	MONTHLY	\$ 1,820.25
226138	ELECTRIC	630 5-820-6181	EAGLE DALTON	CLOTH ALLOW - REIMB	\$450/YEAR	\$ 225.00
226139	ELECTRIC	630 2033	CURRAN BRANDYN	ACCT DEPOSIT - REFUND	ONE TIME	\$ 59.80
226140	ELECTRIC	630 2033	DEVANEY HERBST SHE	ACCT DEPOSIT - REFUND	ONE TIME	\$ 94.80
226141	ELECTRIC	630 2033	GREEN MIKE	ACCT DEPOSIT - REFUND	ONE TIME	\$ 257.34
226142	ELECTRIC	630 2033	HANSON RUSSEL & JOA	ACCT DEPOSIT - REFUND	ONE TIME	\$ 148.79
226143	ELECTRIC	630 2033	JONES DANIEL	ACCT DEPOSIT - REFUND	ONE TIME	\$ 35.13
226144	ELECTRIC	630 2033	PETERS MARILYN	ACCT DEPOSIT - REFUND	ONE TIME	\$ 208.08
226145	ELECTRIC	630 2033	ROCK BRANDON	ACCT DEPOSIT - REFUND	ONE TIME	\$ 69.65
226146	ELECTRIC	630 2033	STEVENS CAROL	ACCT DEPOSIT - REFUND	ONE TIME	\$ 21.52
226147	ELECTRIC	630 2033	STUBITSCH REBECCA	ACCT DEPOSIT - REFUND	ONE TIME	\$ 128.75
226148	ELECTRIC	630 2033	TYSON ZACH	ACCT DEPOSIT - REFUND	ONE TIME	\$ 141.83
226149	WATER	600 5-810-6331	WEX BANK	FUEL	MONTHLY	\$ 425.44
226149	ELECTRIC	630 5-820-6331	WEX BANK	FUEL	MONTHLY	\$ 311.41
226150	ELECTRIC	630 5-820-6508	U.S. POST OFFICE	POSTAGE- POST CARDS	MONTHLY	\$ 1,095.33
226151	ELECTRIC	630 5-820-6340	ACCESS SYSTEMS LEASING	CITY SHOP COPIER LEASE	MONTHLY	\$ 202.18
226151	ELECTRIC	630 5-820-6340	ACCESS SYSTEMS LEASING	CITY HALL COPIER LEASE	MONTHLY	\$ 175.87
226152	ELECTRIC	630 5-820-6310	ALWAYS CLEAN LLC	OFFICE CLEANING	MONTHLY	\$ 300.00
226153	WATER	600 5-810-63711	AMAZON CAPITAL SERVICES	PRESSURE WASHER WAND	AS NEEDED	\$ 133.99
226153	WATER	600 5-810-6506	AMAZON CAPITAL SERVICES	WALL CALENDAR	AS NEEDED	\$ 21.32
226154	WATER	600 5-810-6401	BOHNSACK & FROMMELT LLP	ACCOUNTING SERVICES	MONTHLY - AS NEEDED	\$ 537.50
226155	ELECTRIC	630 5-820-6450	BORTEC INC	INSTALL NEW SECONDARY	AS NEEDED	\$ 2,100.00
226156	WATER	600 5-810-6373	CENTRAL SCOTT TELEPHONE	TELEPHONE & WIFI SVCS	MONTHLY	\$ 279.20
226156	ELECTRIC	630 5-820-6373	CENTRAL SCOTT TELEPHONE	TELEPHONE & WIFI SVCS	MONTHLY	\$ 493.00
226157	WATER	600 5-810-6310	CLS MUDJACKING	SIDEWALK REPAIRS	AS NEEDED	\$ 1,024.00
226158	ELECTRIC	630 5-820-64131	COMMUNITY ACTION OF EASTERN IA	PROJECT SHARE	AS NEEDED	\$ 52.50
226158	ELECTRIC	630 5-820-64131	COMMUNITY ACTION OF EASTERN IA	PROJECT SHARE	AS NEEDED	\$ 54.00
226158	ELECTRIC	630 5-820-64131	COMMUNITY ACTION OF EASTERN IA	PROJECT SHARE	AS NEEDED	\$ 52.50
226159	WATER	600 5-810-63711	DULTMEIER SALES	CONNECTOR TUBING ELBOW	AS NEEDED	\$ 446.55
226159	WATER	600 5-810-63711	DULTMEIER SALES	BULKHEAD/ PLUG IN ELBOW	AS NEEDED	\$ 50.18
226160	ELECTRIC	630 5-820-6332	EASTERN IOWA TIRE	REAR LOT MACHINE TRAILER	AS NEEDED	\$ 550.00
226161	WATER	600 5-810-6408	EMC INSURANCE COMPANIES	GENERAL LIABILITY INSURANCE	ANNUALLY	\$ 108.09
226161	ELECTRIC	630 5-820-6408	EMC INSURANCE COMPANIES	GENERAL LIABILITY INSURANCE	ANNUALLY	\$ 324.27
226162	WATER	600 5-810-6181	G T SPORTS UNLIMITED	CLOTH ALLOW - LONG	\$450/YEAR	\$ 231.98
226163	WATER	600 5-810-6310	GRAINGER	FUSE	AS NEEDED	\$ 179.64
226164	WATER	600 5-810-63711	HACH CO.	FLOURIDE	AS NEEDED	\$ 699.88
226165	WATER	600 5-810-6501	HAWKINS INC.	CHLORINE	AS NEEDED	\$ 1,645.73
226166	ELECTRIC	630 5-820-6450	IOWA ONE CALL	UTILITY LOCATES	MONTHLY	\$ 409.70
226167	ELECTRIC	630 5-820-6416	IOWA UTILITIES COMMISSION	FY 24 - 4TH QTR ASSESSMENT	QUARTERLY	\$ 29.50
226168	WATER	600 5-810-6407	ISG I&S GROUP INC.	EVALUATION & TRAINING	PROJECT BASED	\$ 460.00
226169	WATER	600 5-810-63711	J & R SUPPLY INC	CONTROLLER BOX	AS NEEDED	\$ 2,814.56
226170	WATER	600 5-810-6310	LIGHTING MAINTENANCE	TROUBLESHOOT-EXHAUST FAN-WELL 5	AS NEEDED	\$ 532.68
226171	WATER	600 5-810-6310	MERSCHMAN HARDWARE	WEED EATER SUPPLIES	AS NEEDED	\$ 37.98
226171	WATER	600 5-810-6310	MERSCHMAN HARDWARE	KEY	AS NEEDED	\$ 14.36
226171	WATER	600 5-810-63711	MERSCHMAN HARDWARE	HOSE	AS NEEDED	\$ 79.98
226171	WATER	600 5-810-63711	MERSCHMAN HARDWARE	HOSE ADAPTER	AS NEEDED	\$ 7.99
226171	ELECTRIC	630 5-820-6504	MERSCHMAN HARDWARE	RAKE BATTERIES	AS NEEDED	\$ 41.98
226172	WATER	600 5-810-6310	METERING & TECH SOLUTIONS	SHERIDAN MEADOWS - METER HEADS	AS NEEDED	\$ 744.77
226173	ELECTRIC	630 5-820-6450	MI-TECH SERVICES INC	POLE INSPECTION	ANNUALLY	\$ 8,672.19

226174	WATER	600 5-810-6371	MIDAMERICAN ENERGY CO	401 S 16TH AVE GENERATOR	MONTHLY	\$ 13.79
226174	WATER	600 5-810-6371	MIDAMERICAN ENERGY CO	853 N 1ST GENERATOR	MONTHLY	\$ 20.12
226174	WATER	600 5-810-6371	MIDAMERICAN ENERGY CO	851N 1ST ST WELL 5	MONTHLY	\$ 23.42
226174	WATER	600 5-810-6371	MIDAMERICAN ENERGY CO	503 W DONAHUE ST	MONTHLY	\$ 224.73
226174	WATER	600 5-810-6371	MIDAMERICAN ENERGY CO	212 N 3RD ST	MONTHLY	\$ 12.46
226174	ELECTRIC	630 5-820-6371	MIDAMERICAN ENERGY CO	120 E IOWA ST	MONTHLY	\$ 13.79
226175	WATER	600 5-810-6520	MRA	ANNUAL MEMBERSHIP FEES	ANNUALLY	\$ 187.50
226175	ELECTRIC	630 5-820-6450	MRA	ANNUAL MEMBERSHIP FEES	ANNUALLY	\$ 187.50
226176	WATER	600 5-810-6311	PETERSEN PLBG & HTG. CO.	BACKFLOW PREVENTION TEST	ANNUALLY	\$ 854.77
226176	WATER	600 5-810-6311	PETERSEN PLBG & HTG. CO.	BACKFLOW PREVENTION TEST	ANNUALLY	\$ 117.70
226177	WATER	600 5-810-6520	QUAD CITIES TAS	EMERGENCY ANSWERING SERVICE	MONTHLY	\$ 31.40
226177	ELECTRIC	630 5-820-6450	QUAD CITIES TAS	EMERGENCY ANSWERING SERVICE	MONTHLY	\$ 31.40
226178	WATER	600 5-810-63711	QUAD CITIES WINWATER CO	RUBBER GASKET	AS NEEDED	\$ 32.16
226179	WATER	600 5-810-6010	ROBERT HALF	OVERSTREET - TRANSITION FEE	ONE TIME	\$ 1,221.70
226179	ELECTRIC	630 5-820-6010	ROBERT HALF	OVERSTREET - TRANSITION FEE	ONE TIME	\$ 4,886.80
226180	WATER	600 5-810-6373	SHARED IT INC	IT SERVICES	MONTHLY	\$ 158.10
226180	ELECTRIC	630 5-820-6373	SHARED IT INC	IT SERVICES	MONTHLY	\$ 158.10
226181	ELECTRIC	630 5-820-6508	USPS (CMRS-FP)	RELOAD POSTAGE MACHINE	AS NEEDED	\$ 1,000.00
226182	WATER	600 5-810-6373	VERIZON WIRELESS	UTILITY - CELLULAR SVC	MONTHLY	\$ 150.01
226182	ELECTRIC	630 5-820-6373	VERIZON WIRELESS	UTILITY - CELLULAR SVC	MONTHLY	\$ 132.87
ACH	SPLIT	SPLIT	PAYROLL 7/20/2024	PAYROLL 7/20/2024	BI-WEEKLY	\$ 24,301.33
ACH	SPLIT	SPLIT	PAYROLL 8/3/2024	PAYROLL 8/3/2024	BI-WEEKLY	\$ 23,833.82
TOTAL:						\$ 369,129.60

# Eldridge Electric & Water

## MEMORANDUM



To: Eldridge Electric & Water Utility Board of Trustees  
From: City Administrator, Nevada Lemke  
Re: Utility Billing Admin Fee to cover Postage costs  
Date: July 31, 2024

Utility Board of Trustees:

In May 2024 the Utility Board asked City staff to gather information regarding the ability to add an administrative fee to the Utility Bills for customers that require or request their bills to be mailed to them. The process for establishing utility rates and charges is included in Iowa Code Section 384.84. The rates must be established by ordinance of the Council or by resolution of the Utility Board of trustees and must be published in the same manner as an ordinance. While the Code does not specify how much notice of a rate change is required, it is advisable to provide a notice of at least 30 days.

Utility support for administrative services can be considered when setting the utility rates. The amount billed to the utility must be reasonable, and the Utility Board must be prepared to defend the amount charged.

The Utility Billing clerks are currently in the process of contacting customers that receive both an emailed and mailed utility bill and asking if they are willing or would like to remove the mailed option. Additionally, the staff is working with our current billing software vendor to determine if an administrative fee can be applied to only those customers that are receiving their utility bill by mail.

The Utility Board will need to take the following steps if they choose to move forward with adding an admin fee to cover the postage costs:

1. Pass a Resolution to amend the rate for Utility Billing to include the admin fee
2. Determine how much the admin fee should be?
3. Determine the date when the admin fee should go into effect?



# Cahoy Pump Service

*The Premier Provider of Municipal, Industrial, & Irrigation Water Well Services*  
A Division of The Cahoy Group

July 31, 2024

City of Eldridge, Iowa  
305 North 3<sup>rd</sup> Street  
Eldridge, IA 52748

Attn: Mr. Bryson Stymiest  
Re: Eldridge Well #2 - Findings

Greetings Bryson;

We have completed phase I, pull / inspect / TV Well #2. Below are our findings & recommendations of next steps with costs. To that end, we are pleased to provide the following proposal;

**PUMP:**

The pump is in very poor condition & needs to be replaced.

**PIPE:**

The pipe is extremely poor condition & needs to be replaced.

**HEAD & CHIME:**

The head is in good condition & just needs to be cleaned up & can be reinstalled. The chime is worn & needs to have a new one machined & replaced.

**SHAFT & BEARINGS:**

The motor shaft is in need of replacement, the rest of the shaft is in good condition & can be straightened, polished, & reinstalled. The shaft couplings are also in good condition. The spider bearings are all bad & need to be replaced, the sleeves are in good condition and can be polished & reused.

**GAUGES & AIRLINE:** This will be replaced upon reinstallation.

**WELL:**

The well was televised & found to be in fairly good condition, it has been relined down to 6", the liner / casing is in decent condition & just needs to be brushed & the well shock chlorinated prior to equipment reinstall, then liner does limit options on increasing GPM.

**24568 150<sup>th</sup> Street - Suite 200 Sumner, Iowa 50674**  
Serving 10 States with Locations in Iowa-2 : Illinois-2 : Nebraska : Wyoming

**1-833-728-1288**

**[WWW.CAHOYPUMP.COM](http://WWW.CAHOYPUMP.COM)**

#	DESCRIPTION	U	Q	UNIT PRICE	TOTAL PRICE
1	Load / Job Prep & Mobilization	EA	1	\$ 1,962.00	\$ 1,962.00
2	Shop time to Straiten & polish the line shafts & sleeves	HR	62	\$ 110.00	\$ 6,820.00
3	Provide & install a 150PPM shock chlorination & disinfection rinse of casing above SWL to surface	LS	1	xxxxxxxxxx	\$ 6,894.00
4	Material costs for replacement components, to include new epoxy coated pump, & epoxy coated pipe, with new SS bearings, & inserts, new machined chime bearing	LS	1	xxxxxxxxxx	\$ 41,556.00
5	Gauges / Airline / & all consumables	LS	1	xxxxxxxxxx	\$ 596.00
6	Final Disinfection & Reinstall Pump Gear (from Phase I proposal	HR	5	\$ 295.00	\$ 1,475.00
7	PTW & Test	HR	4	\$ 295.00	\$ 1,180.00
8	Per Diems	EA	4	\$ 195.00	\$ 780.00
9	Prepare & submit detailed report to owner	LS	1	xxxxxxxxxx	\$ 0.00
10	Shipping – Not to Exceed	NTE	1	xxxxxxxxxx	\$ 2,640.00
	<b>Total Estimated Cost</b>				<b>\$ 63,903.00</b>

Notes;

- Proposal is valid for 30 days. After 30 days we reserve the right to re-visit our material and fuel
- costs and adjust our pricing structure accordingly.
- Additional Per diems if required will be invoiced at \$195.00 ea.
- Proposal does not include sales tax. We are assuming a tax-exempt certificate will be provided.
- Any hours unused or in addition to above estimate will be invoiced or credited at the applicable rate
- All Bac-T's are the responsibility of the owner
- Proposal is based on owner providing crane w/operator at their expense from others to safely / properly reach the well head
- Motor was left on site, so CPS is not responsible for any needed repairs to that component

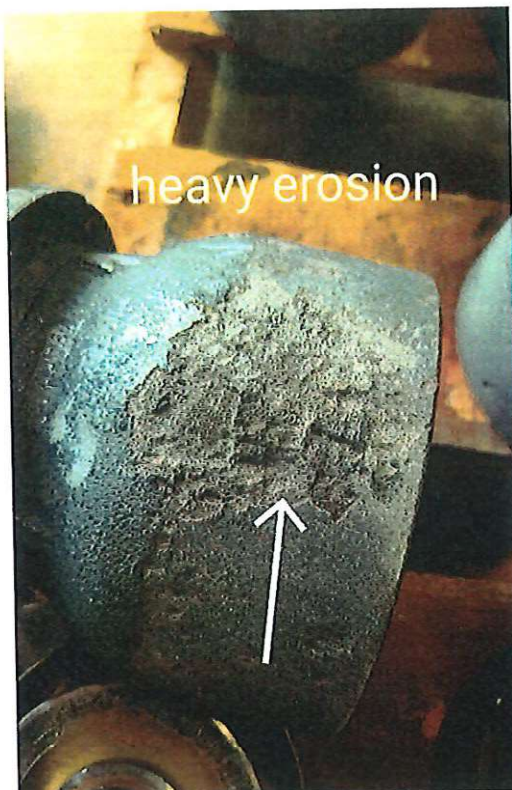
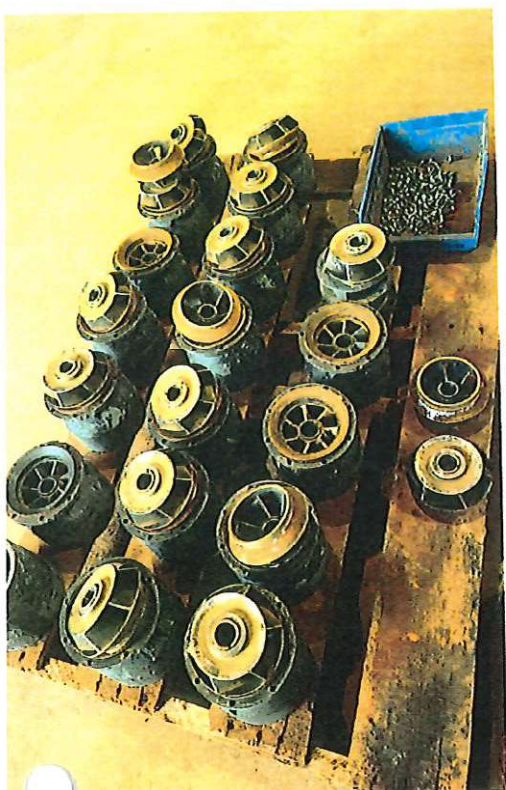
Bryson; Thank you so much for the opportunity & feel free to contact myself or Darin Cahoy at our corporate office if you have any questions or wish to have us proceed with scheduling the work.

Sincerely,

*Mike Whittenbaugh*

Mike Whittenbaugh  
President





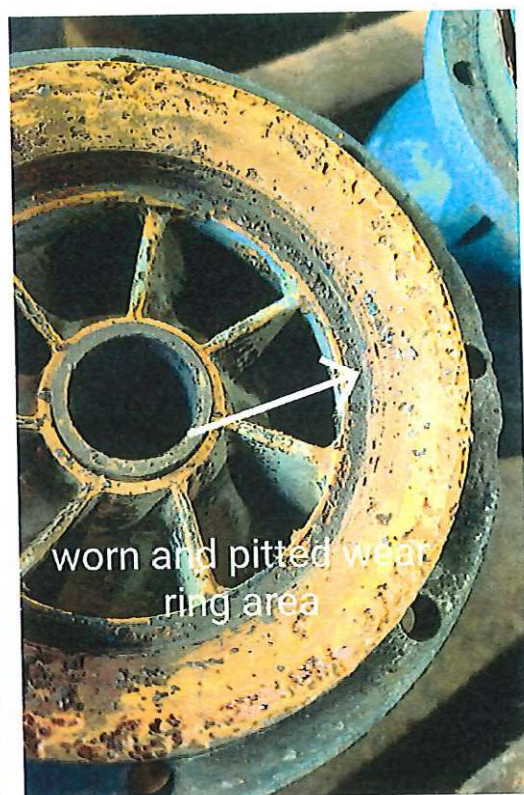




enameling is falling



thin walled bowls



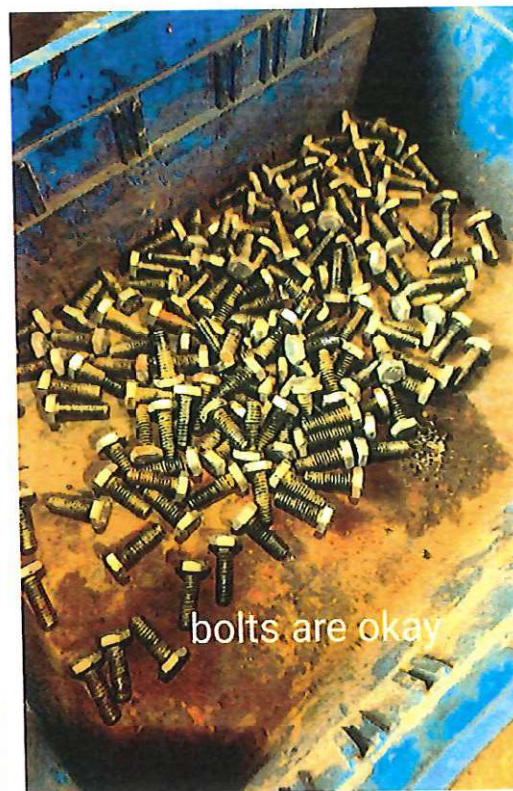
worn and pitted wear ring area



impeller skirts need machined



collets are okay

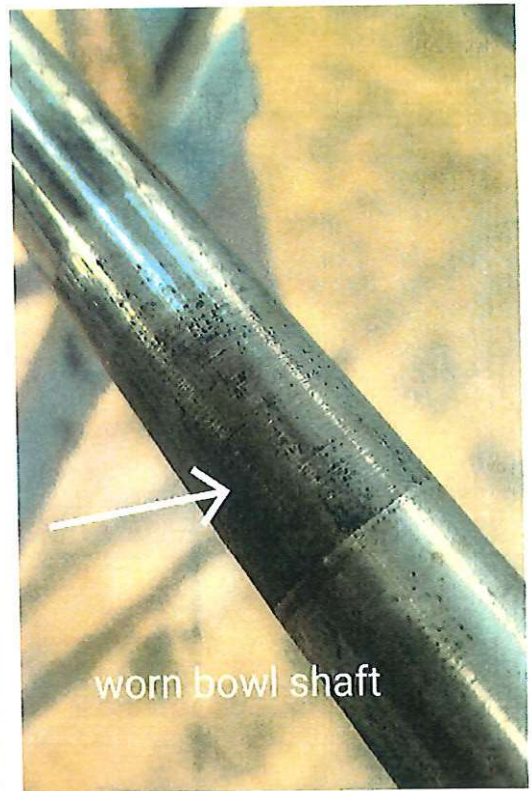


bolts are okay

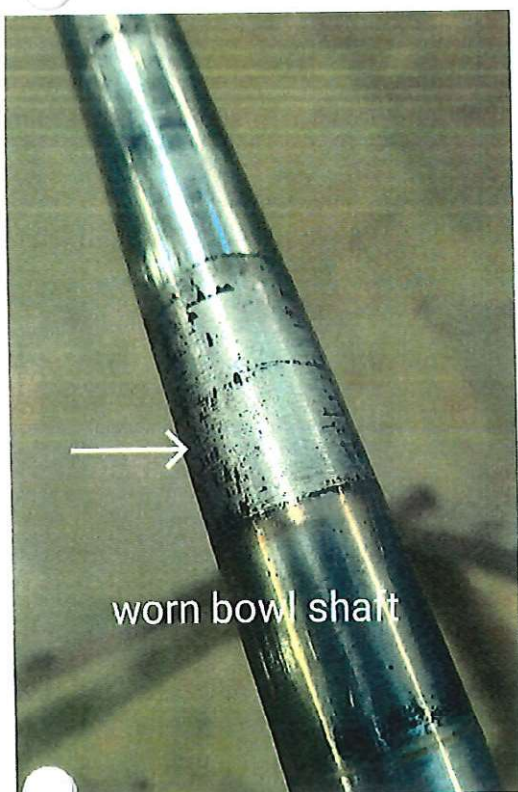




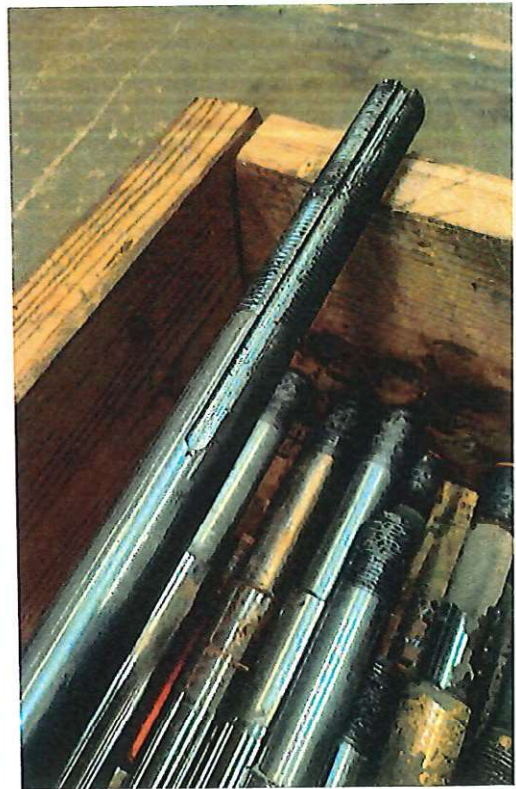
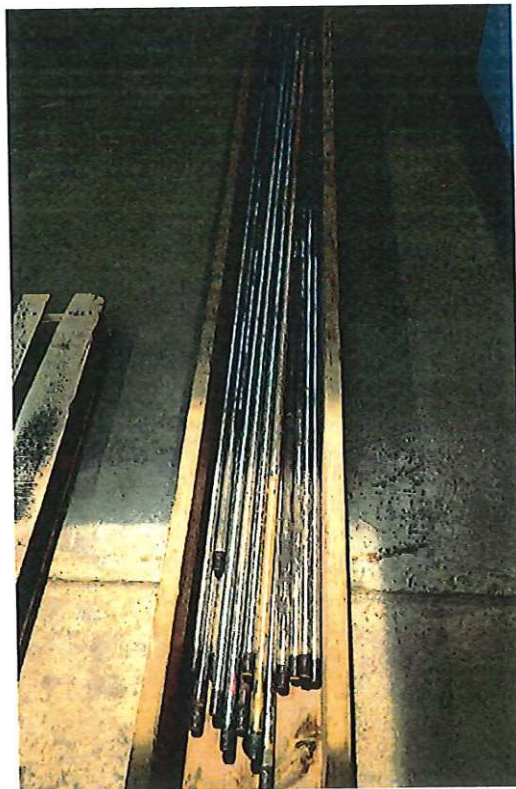
bearings are okay



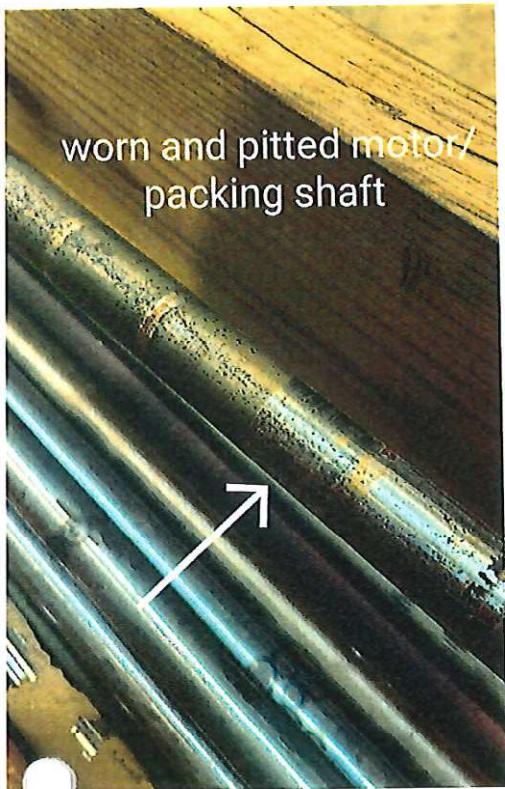
worn bowl shaft



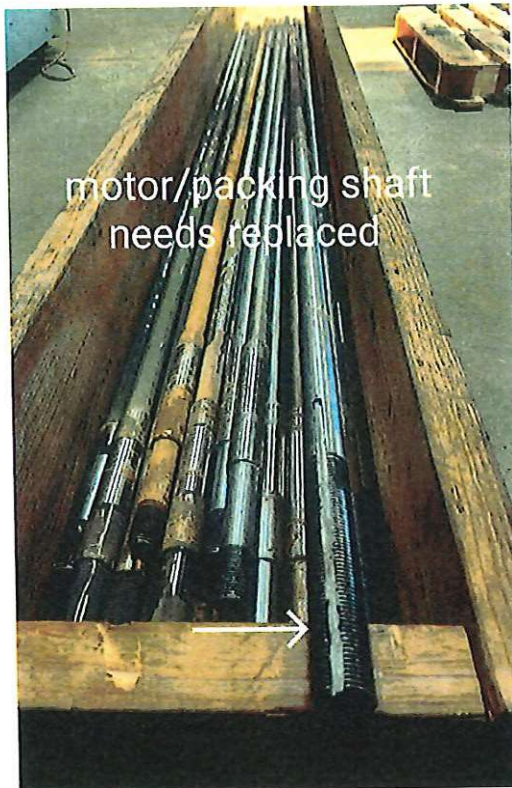
worn bowl shaft



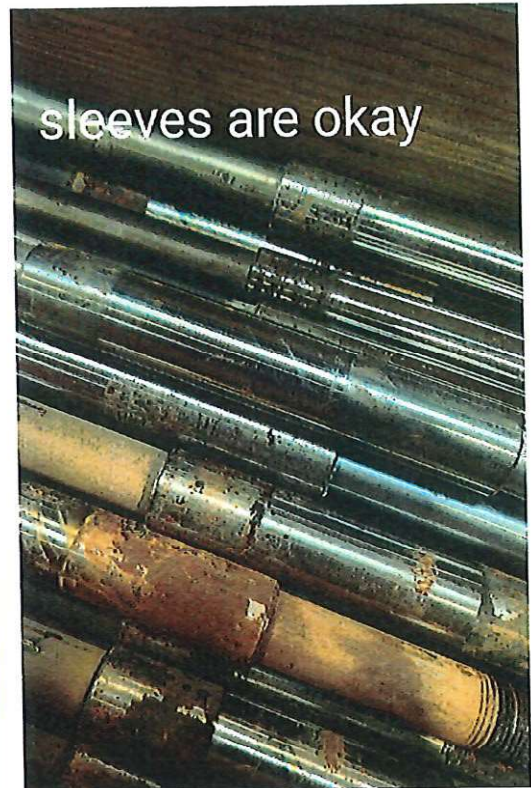




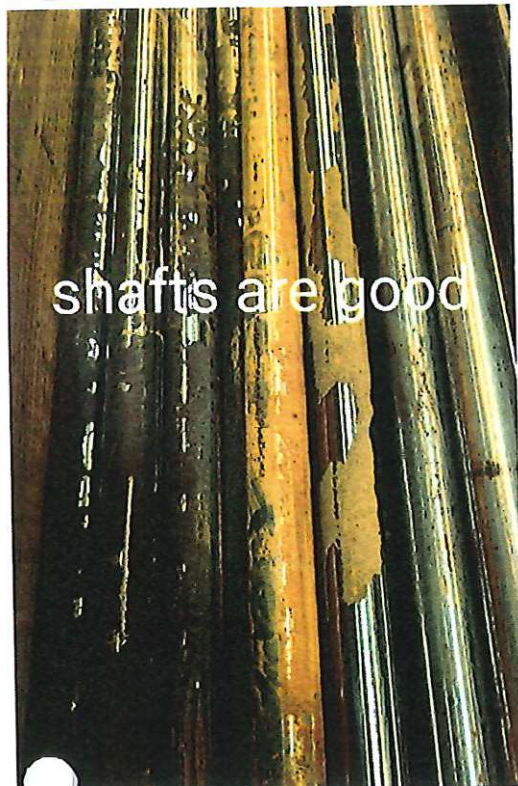
worn and pitted motor/  
packing shaft



motor/packing shaft  
needs replaced



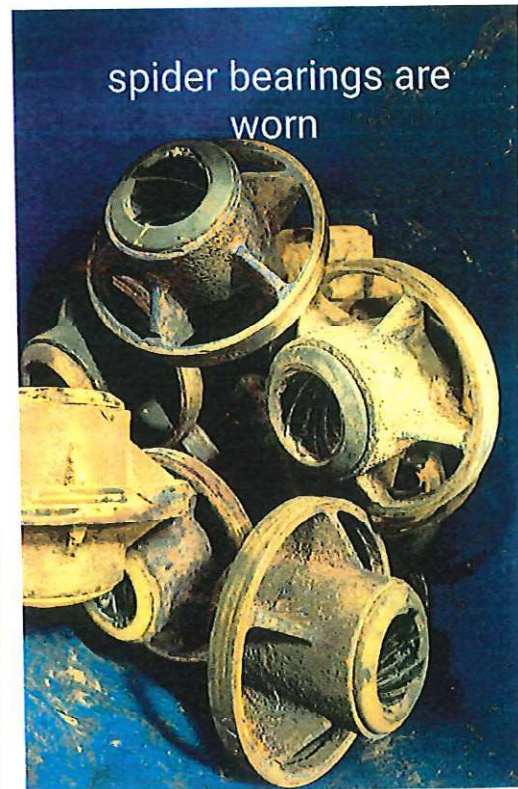
sleeves are okay



shafts are good

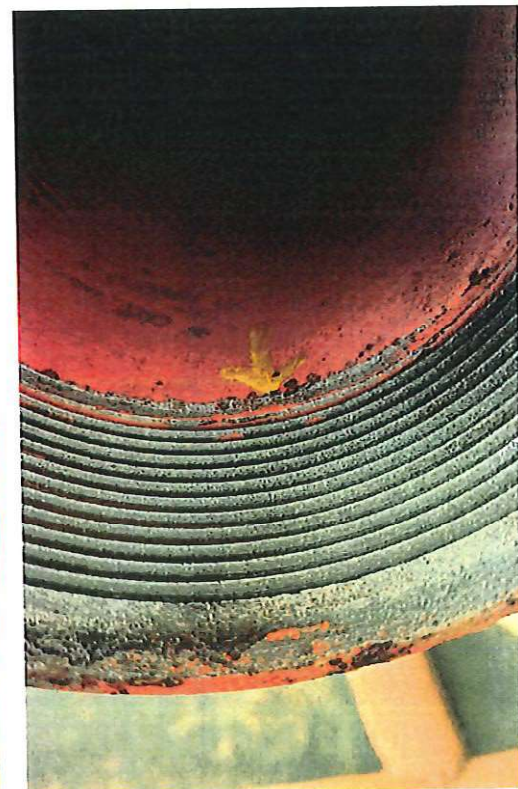
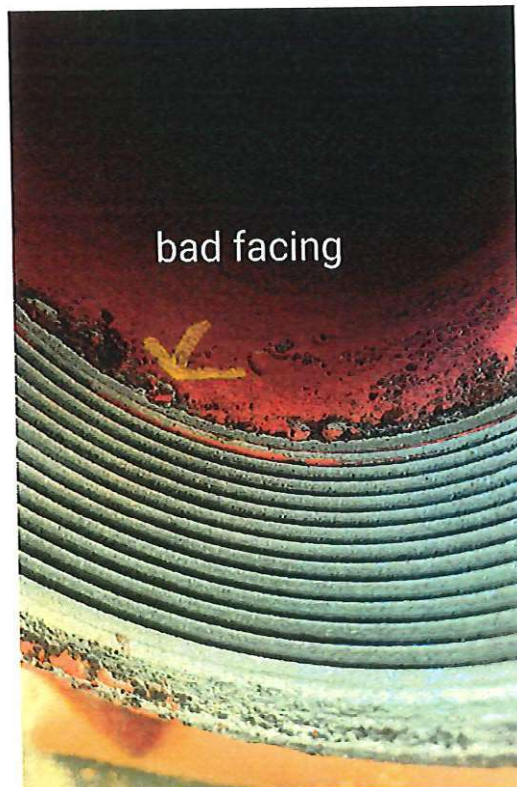
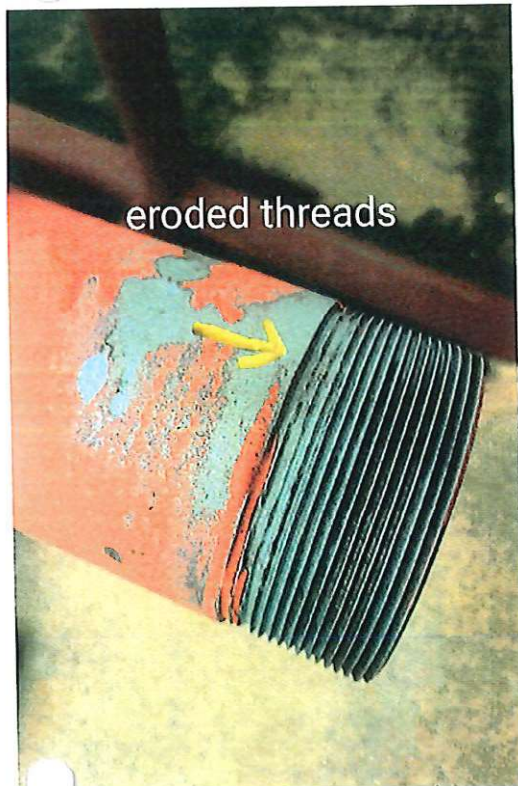
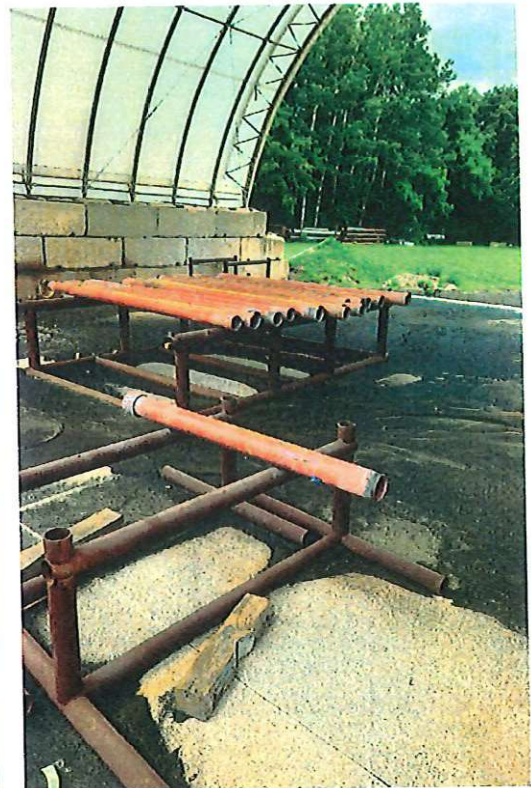
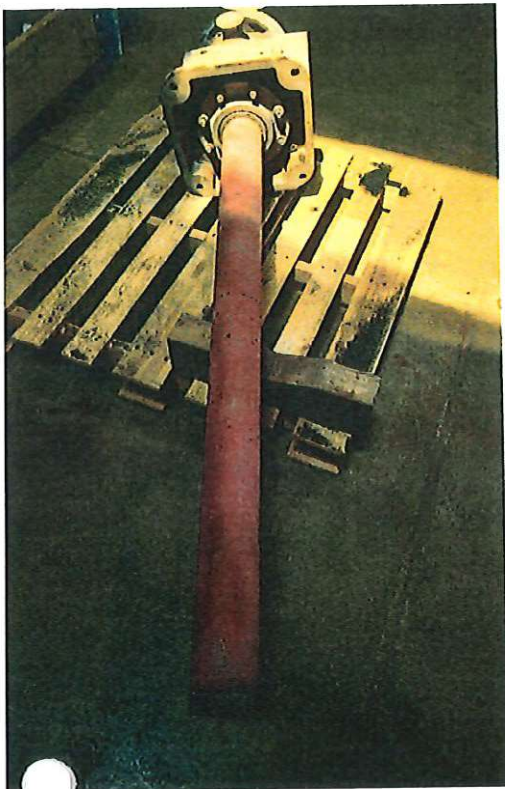


shaft couplings are  
good

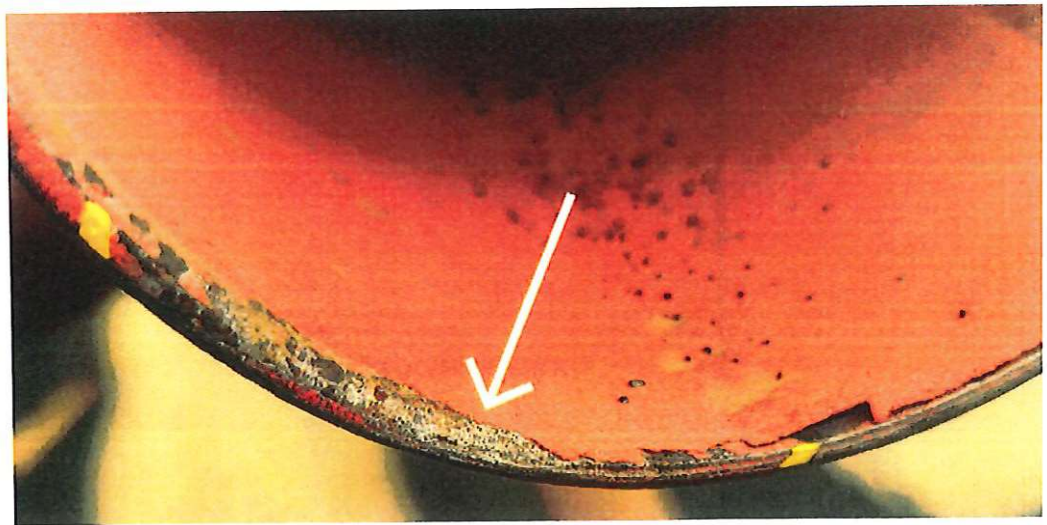
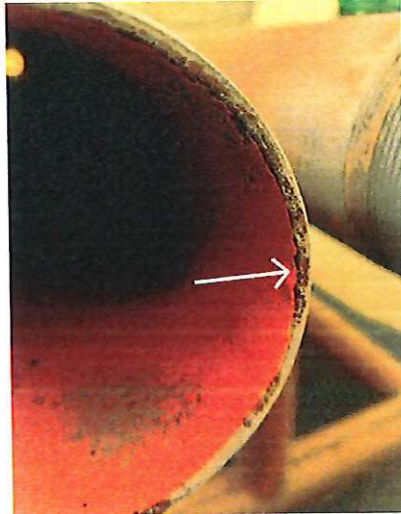
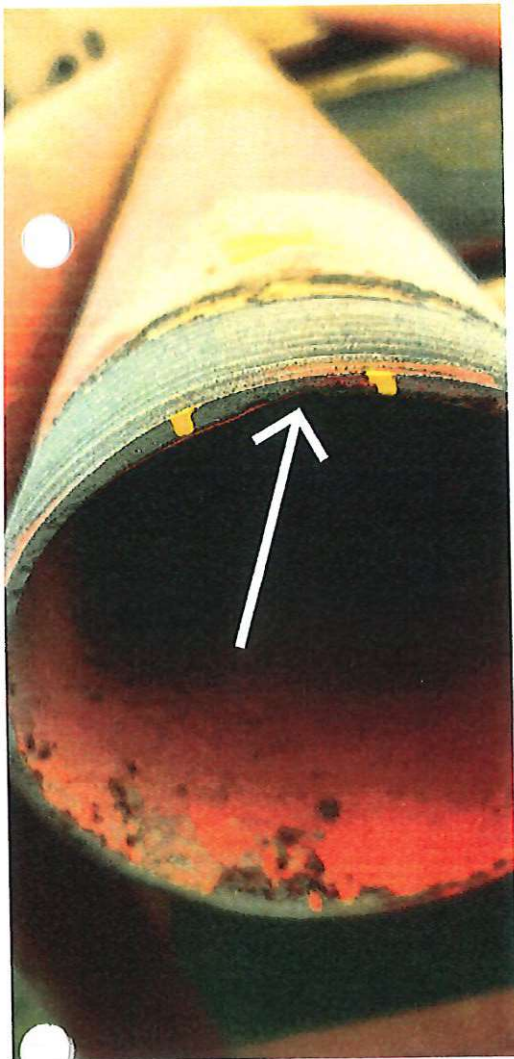
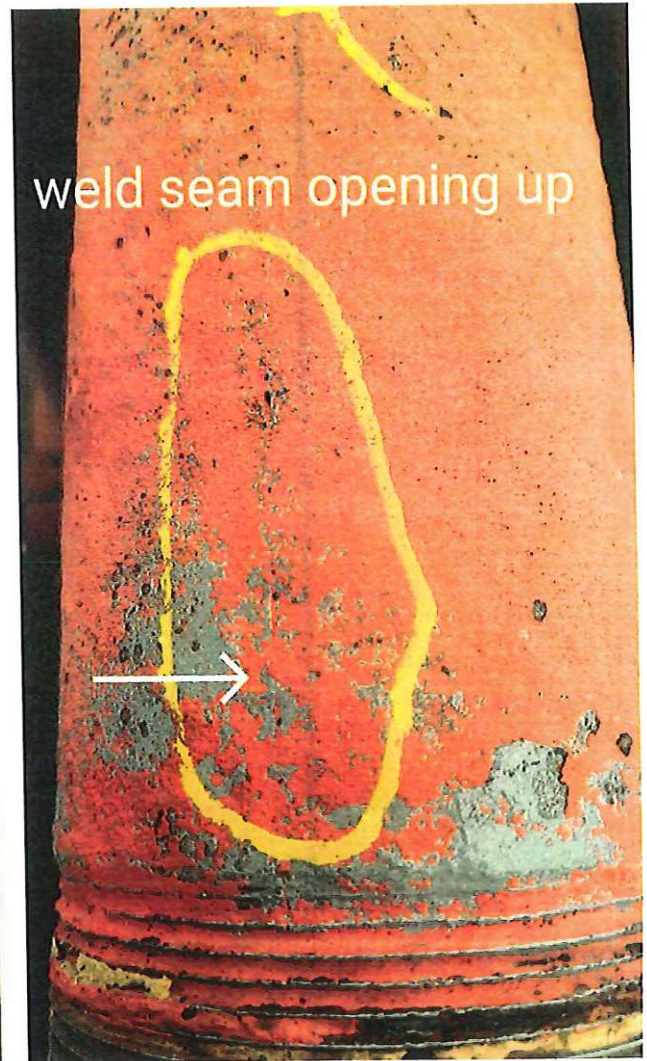


spider bearings are  
worn

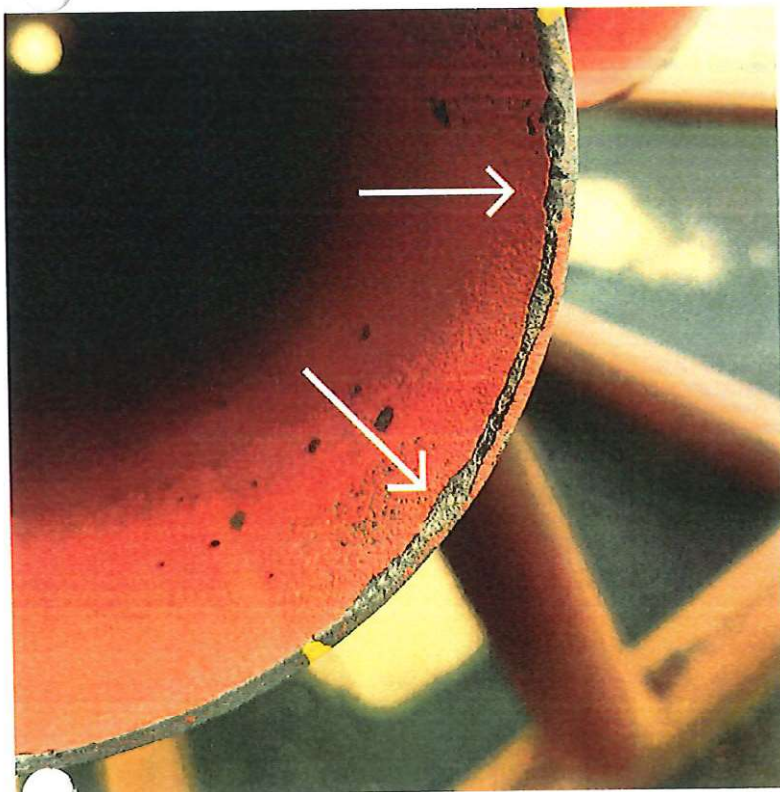












## Well #4 RPZ Backflow Prevention

The repair/replacement of the backflow prevention at well #4 is a necessary component to the function of the well. The RPZ is on a finish water line that supplies water for the pre-lube process. The pre-lube is water that gets injected into the pump to moisten the pump, so it doesn't have a dry start and operation and potentially cause damage to the pump. The RPZ is there to prevent well water from flowing back into the finish water line.

Petersen Plumbing found that well #4's RPZ failed. The plumber stated that the model that is currently being used there is one that he consistently has failed in other systems. He also stated that the current model is one that is difficult to repair because the entire unit must be taken apart and rebuilt to potentially only replace one part of the unit. On the recommendations and quote sheet there are three options. This document will explain which options are the best next step for the water department.

Option #1: Repairing the RPZ has a no guarantee of repair, and it would be fixing a unit that seems to have issues consistently. This is the least favorable option, as the water department would prefer a long-term solution that is more reliable and easier to maintenance.

Option #2: Replacing with the same make and model. This is another unfavorable option as it is putting a troubling unit back where a troubling unit already existed.

Option #3: Replace with newer unit. There are models that are much more serviceable and perform just as efficiently if not more efficiently. Replacement with a newer, more easily maintained model is the preferred step that the water department would seek to take.





*Family Owned  
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9003 Northwest Blvd  
Davenport, IA 52806

Call 563-326-1658 or 309-787-9605 | Fax 563-326-1650

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

July 25, 2024

To Whom It Concerns:

City of Eldridge- Well #4

851 N 1<sup>st</sup> St

Eldridge, IA

**NOTE: Cooling water to pump seals will be off for either option**

**Option #1:** - Repair backflow preventer

Backflow repair- \$720.11

**NOTE: No Guarantees on repairs**

**Option #2:-** Replace backflow preventer (same make & model)

Replace Backflow- \$1,257.25

**Option #3:-** Replace backflow preventer (more serviceable make & model)

Replace Backflow- \$1,304.33

It is expressly stipulated and agreed that Petersen Plumbing & Heating Company shall not be liable for any delays occasioned by the acts of the elements, strikes, fire, inclemency of the weather, the acts of other contractors or any other cause beyond our control.

Petersen Plumbing

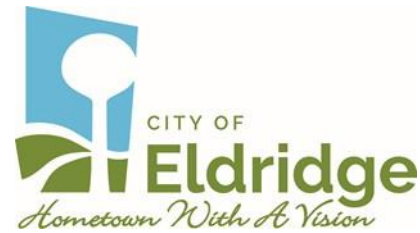
9003 Northwest Blvd

Davenport, IA 52806

X \_\_\_\_\_

# Eldridge Electric & Water

## MEMORANDUM



To: Eldridge Electric & Water Utility Board of Trustees  
From: City Administrator, Nevada Lemke  
Re: New Mower for WTP  
Date: July 31, 2024

Utility Board of Trustees:

The current mower the water department possesses is a 60-inch deck, Hustler zero turn mower. It is on its third engine and is showing signs of the engine deteriorating. Users of the mower must add oil every couple of mows. While in use the mower runs extremely hot even with the addition of new oil. The mower is sufficient for now but sooner rather than later a new mower is something that would be beneficial. The Parks department occasionally borrows the water departments mower so getting something more reliable is the correct plan of action. The brand of mower used throughout the city departments is John Deere. The water department would stay on trend and look to purchase a John Deere mower. The current mower that is being quoted is a John Deere Z545R 48-inch deck. There are additional accessories that will be included in the quote but are not necessary for the use of the mower unless one attachment seems beneficial. It is also possible that the current mower could also be valued for a trade towards the purchase of the new mower.



### Quote Summary

**Prepared For:**

CITY OF ELDRIDGE  
305 N 3RD ST  
ELDRIDGE, IA 52748  
Business: 563-285-4841  
DBENSON@NETINS.NET

**Prepared By:**

Seyller Luke  
P & K Midwest, Inc.  
21108 Scott Park Road  
Davenport, IA 52807  
Phone: 563-386-1432  
lseyller@pkmidwest.com

**Thank you - we appreciate your business!**

Prices listed include all applicable bonuses & rebates.

**Quote Id:** 31412720  
**Created On:** 30 July 2024  
**Last Modified On:** 30 July 2024  
**Expiration Date:** 31 July 2024

**WARRANTY INFORMATION:** FOR **NEW** EQUIPMENT, PLEASE SEE THE MANUFACTURER'S WARRANTY STATEMENT FOR DETAILS. FOR **USED** EQUIPMENT, EQUIPMENT IS SOLD "AS-IS" WITH NO WARRANTIES EITHER EXPRESSED OR IMPLIED.

By signing below, the customer acknowledges that he/she has received a copy of the operator's manual for new equipment.

Equipment Summary	Suggested List	Selling Price	Qty	Extended
JOHN DEERE Z545R ZTrak	\$ 6,998.00	\$ 6,499.00 X	1 =	\$ 6,499.00
Grass mulching attachment, kit, 48h	\$ 457.46	\$ 457.46 X	1 =	\$ 457.46
Material Collection System	\$ 2,268.76	\$ 2,268.76 X	1 =	\$ 2,268.76
<b>Equipment Total</b>				<b>\$ 9,225.22</b>

### Quote Summary

Equipment Total	\$ 9,225.22
SubTotal	\$ 9,225.22
Est. Service Agreement Tax	\$ 0.00
Total	\$ 9,225.22
Down Payment	(0.00)
Rental Applied	(0.00)
<b>Balance Due</b>	<b>\$ 9,225.22</b>

Salesperson : X \_\_\_\_\_

Accepted By : X \_\_\_\_\_

Quote Id: 31412720

Customer: CITY OF ELDRIDGE

## JOHN DEERE Z545R ZTrak

Hours:

Suggested List

Stock Number:

\$ 6,998.00

Selling Price

\$ 6,499.00

Code	Description	Qty	Unit	Extended
5650GX	Z545R ZTrak	1	\$ 6,899.00	\$ 6,899.00
<b>Standard Options - Per Unit</b>				
001A	United States and Canada	1	\$ 0.00	\$ 0.00
1517	48 in. High Capacity Deck	1	\$ 0.00	\$ 0.00
<b>Standard Options Total</b>				<b>\$ 0.00</b>
<b>Value Added Services Total</b>				
				<b>\$ 0.00</b>
<b>Other Charges</b>				
	Setup	1	\$ 99.00	\$ 99.00
<b>Other Charges Total</b>				<b>\$ 99.00</b>
<b>Suggested Price</b>				
				<b>\$ 6,998.00</b>
<b>Customer Discounts</b>				
<b>Customer Discounts Total</b>			<b>\$ -499.00</b>	<b>\$ -499.00</b>
<b>Total Selling Price</b>				<b>\$ 6,499.00</b>

## Grass mulching attachment, kit, 48h

Hours:

0

Suggested List

Stock Number:

\$ 457.46

Selling Price

\$ 457.46

Code	Description	Qty	Unit	Extended
BM23975	Grass mulching attachment, kit, 48h	1	\$ 308.46	\$ 308.46
<b>Other Charges</b>				
	Setup	1	\$ 149.00	\$ 149.00
<b>Other Charges Total</b>				<b>\$ 149.00</b>
<b>Suggested Price</b>				
				<b>\$ 457.46</b>
<b>Customer Discounts</b>				
<b>Customer Discounts Total</b>			<b>\$ 0.00</b>	<b>\$ 0.00</b>
<b>Total Selling Price</b>				<b>\$ 457.46</b>

Quote Id: 31412720

Customer: CITY OF ELDRIDGE

## Material Collection System

Hours: 0

**Suggested List**

Stock Number:

\$ 2,268.76

**Selling Price**

\$ 2,268.76

Code	Description	Qty	Unit	Extended
BUC11059	Hopper, hopper,2 bag ztrak z5 efs a	1	\$ 879.54	\$ 879.54
<b>Dealer Attachments</b>				
BM21681	Chute kit, chute, 2-bag hp powerflo	1	\$ 140.17	\$ 140.17
BUC10851	Bumper, ztrak attachment bar kit	1	\$ 182.64	\$ 182.64
BG20768	Blower attachment, powerflow, ztrak	1	\$ 816.41	\$ 816.41
<b>Dealer Attachments Total</b>				<b>\$ 1,139.22</b>
<b>Other Charges</b>				
	Setup	1	\$ 250.00	\$ 250.00
<b>Other Charges Total</b>				<b>\$ 250.00</b>
<b>Suggested Price</b>				<b>\$ 2,268.76</b>
<b>Customer Discounts</b>				
<b>Customer Discounts Total</b>			<b>\$ 0.00</b>	<b>\$ 0.00</b>
<b>Total Selling Price</b>				<b>\$ 2,268.76</b>