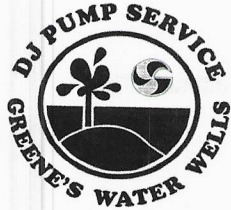


Memo

To: City Council
From: Alex Lowe
Date: 05/30/2024
Re: Well # 11

Well #11 went down late afternoon on may 23. Three different well companies were called for pricing on pulling the well for trouble shooting the problem. Only one of the three could pull the pump in a reasonable time frame. After the pump was pulled and inspected a burnt wire was noticed on top of the motor. After further inspection excessive wear and a hole was noticed on the pump housing. I was unable to find any information on how long the current pump has been in operation. My recommendation would be to replace the pump and motor with option 3B and rehab the old pump and motor for emergencies.

Note: With this Well being down may put the City in a vulnerable situation. If we have another failed Well during this time, we could possibly see a water shortage or over burdens on other Wells.



Greene's Water Wells
3535 Gray Highway
Gray Georgia 31032
478-986-3192

May 29, 2024

Alex Lowe
City of Sandersville
Via Email: alowe@sandersvillega.org

RE: WELL NO 11

Please find below the estimates to repair Well No 11. Please note that the initial problem is a broken black wire at the pump. During inspection we found the pump to be in rough shape. One of the bowls is missing a bolt & is rusting through. We also found that there were 2 worms in the well so we chlorinated the well with HTH. Below are repair options for repairs:

Option No 1: Repair broken wire at motor, install airline with airline gauge, chlorinate well & reinstall existing pumping equipment.

Materials

- 365 ft Airline 3/8" Polybraid
- 1 ea DL200 Air Relief Valve
- 1 ea Chlorination & Supplies

Labor:

- 1 ea Mobilize Crew, Remove Pumping Equipment,
Clean & Inspect. Make Recommendations for Repairs & Reinstall

Subtotal Materials	\$ 2,544.70
Subtotal Labor	\$ 6,500.00
Total Estimated Option 1	\$ 9,044.70

Option No 2: Repair broken wire at motor, install new water end on existing motor, install airline with airline gauge, chlorinate well & reinstall existing pumping equipment.

Materials

- 1 ea Grundfos Water End: 800S1250-5-A
- 365 ft Airline 3/8" Polybraid
- 1 ea DL200 Air Relief Valve
- 1 ea Chlorination & Supplies

Labor:

- 1 ea Mobilize Crew, Remove Pumping Equipment,
Clean & Inspect. Make Recommendations for Repairs & Reinstall

Subtotal Materials	\$10,578.70
Subtotal Labor	\$ 6,500.00
Total Estimated Option 2	\$17,078.70

Option No 3A: Repair broken wire at motor, install new water end & new motor, install airline with airline gauge, chlorinate well & reinstall existing pumping equipment.

Materials

- 1 ea Grundfos Water End: 800S1250-5-A
- 1 ea SEI Motor: 125hp 460 volt 3 ph* (See Notes Below-no warranty)
- 365 ft Airline 3/8" Polybraid
- 1 ea DL200 Air Relief Valve
- 1 ea Chlorination & Supplies

Labor:

- 1 ea Mobilize Crew, Remove Pumping Equipment, Clean & Inspect. Make Recommendations for Repairs & Reinstall

Subtotal Materials	\$19,544.70
Subtotal Labor	\$ 6,500.00
Total Estimated Option 2	\$26,044.70*

***PLEASE NOTE: The SEI Motor is the same brand motor currently in the well. Our supplier has some "dead stock" they are wanting to pass along at a significant savings. This motor is new but will not have a warranty available.**

Option No 3B: Repair broken wire at motor, install new water end & new motor, install airline with airline gauge, chlorinate well & reinstall existing pumping equipment.

Materials

- 1 ea Grundfos Water End: 800S1250-5-A
- 1 ea SME Motor: 125hp 460 volt 3 ph (one year warranty on material)
- 365 ft Airline 3/8" Polybraid
- 1 ea DL200 Air Relief Valve
- 1 ea Chlorination & Supplies

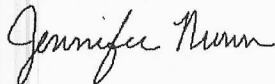
Labor:

- 1 ea Mobilize Crew, Remove Pumping Equipment, Clean & Inspect. Make Recommendations for Repairs & Reinstall

Subtotal Materials	\$26,510.70
Subtotal Labor	\$ 6,500.00
Total Estimated Option 2	\$33,010.70

If you have any questions please let me know.

Best regards,



Jennifer Nunn