

RESOLUTION NO. 22-80

A RESOLUTION AUTHORIZING ANNUAL PUMP TEST

Whereas, 6 well pumps are in need of an annual pump test to give insight on the performance of the well pumps and wells;

Whereas, Ideal Pump and Service of Stuttgart, Arkansas, has proposed to perform pumping tests for a price of \$16,800.00;

Whereas, said transaction is under the state and city bid requirements but exceeds the expenditure authorization of the Mayor.

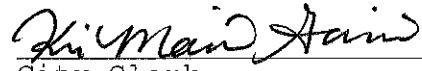
It is, therefore, by the Monticello City Council resolved that the 6 well pumps be tested at a price of \$16,800.00.

(END OF RESOLUTION)

ADOPTED on this 15th day of December, 2022.



Mayor



City Clerk

Agenda item

From: Wayne Morphis waynemorphis@yahoo.com
Subject: Fwd: Well 4 Pump
Date: Sep 8, 2022 at 9:54:02 AM
To: paigechase@cityofmonticelloar.com

Sent from my iPhone

Begin forwarded message:

From: Logan Scherm <logan.scherm@outlook.com>
Date: August 31, 2022 at 10:50:21 AM CDT
To: waynemorphis@yahoo.com
Subject: Well 4 Pump

Mr. Wayne,

Thank you for taking the time with me to show me around. We are pleased to offer an annual pump test. The annual pump test is designed to give us insight on the performance of the Well Pump and the Well.

What will the Well Pump test results yield?

- Pumping rates at different pressures
 - Information will be compared to the actual pump curves
 - Dictates if there is excessive wear causing inefficiencies
 - Comparison of energy costs to determine cost of inefficiency
 - Insight to predictive failures in pump for scheduled repairs
 - Scheduled repairs cost less than Emergency
- Specific Capacity of Well – Gallons per foot of drawdown
 - Information determines if sediment or minerals is not allowing optimal production of water thru the screen and gravel pack. Occurrences would make pumping water level deeper in turn costs increase and wear of pump.
 - Chemical Treatment or Mechanical treatment would be necessary to decrease cost of production.

These pump tests need to be performed annually. Fall is the best time to perform. Fall is when tapering of water demand starts, time when the drawdown is the greatest (after higher volume summer months), and allowable time to schedule and repair before the next summer.

We propose to perform pumping tests for all 6 well pumps for \$16,800.

E-MAILED SEP 15 2022