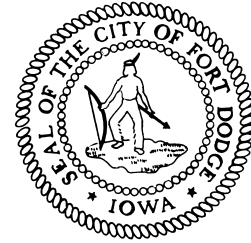**August 05, 2014**

To: **Mayor Bemrich and City Council**

From: **John Horrell, Water Plant**

Subject: **Water Plant, payment of well 17 repairs**

ACTION: For vote August 11, 2014

Brief History
Pump output had dropped from the normal 1,500 gpm to less than 950 gpm.

Analysis of Issue
Amperage was checked and was down around 30%. The pump was suspected as being the problem and Northway was called to remove pump/motor to check problem. Found some pipe with bad threads along with pump bowl assembly needing replaced and repair to 200 HP motor. Estimate of work $53,359. Final cost $63,106.

Budget Impact
Line item in current year for well maintenance is $100,000. This is to be paid from the Water Utility Fund.

Strategic Plan Impact
Follows Policy D.4.2 in that planning includes maintenance and repair of infrastructure, in particular raw water.

Comprehensive Plan Impact
NA

Subcommittee or Commission Review / Recommendation
Repair work approved March 24.

Staff Conclusions / Recommendations
Approve payment for repairs to motor and pump.

Alternatives
NA

Implementation and Accountability
NA

Signed   Approved

_____   _____
John P. Horrell   David R. Fierke
Water Plant Superintendent   City Manager

NORTHWAY WELL AND PUMP COMPANY

4895 - 8th Avenue, Marion, Iowa 52302
Phone: 319/377-6339
WATTS 1-800-747-6339

IN ACCOUNT WITH

- Fort Dodge Water Works
  819 1st Avenue South
  Ft. Dodge, Iowa 50501
  Attn: John Horrell

DATE OF INVOICE
6-30-14

CUSTOMER ORDER NO.

TERMS:

JOB NUMBER
Well #17

Due Upon Receipt

QUANTITY	DESCRIPTION	EXTENSION	AMOUNT
11	Labor and equipment to pull and install		12,000.00
	36 hours clean out fill from bottom	250.00	9,000.00
	12NC-5 pump bowl assembly		12,556.00
	Repair 200hp. motor		17,840.00
	8" x 21' drop pipe		8,547.00
	8" CI check valve		1,038.00
	LOT of splice kit, airline, bandit, tape		1,625.00
	Disinfection		500.00
	Total		$ 63,106.00

—— PLEASE REMIT TO ADDRESS ABOVE ——
WE DO NOT SEND STATEMENTS ON CURRENT ACCOUNTS – PLEASE PAY BY INVOICE – *Thank You*

Safeguard LITHO USA Form No. CS811-3/L02CS000595 04/12