



**Squires Grove Management Association
Meeting 4/20/2017
Submitted by Frank Falsetti
Secretary SGMA.**

In attendance:

Rick Ormsby: SGMA President

Terry Tobin: SGCA President

Joy Koops: SGMA Treasurer

Frank Falsetti: SGMA Secretary

Sue Warzala: SGCA

Mark Spicer: Guest

Not a public Forum: The purpose of this meeting was to review Municipal Well & Pump's Work Agreement # MS17-185 from 3/20/17. Dick Milaeger Vice President of Sales attended with Andy Stelsel our system certified operator. Mark Spicer was invited to listen to the conversation. The meeting was called to order at 6:30 Pm

Pump Station shut down on 4/20: As luck would have it the night before this meeting a strong weather system blew in and power to the pump house was shut down for around 6-7 hours while power was restored. Andy was on sight within 90 minutes coming here from Ripon and waited 90 minutes to get through to WE Energies. The system went back into service by mid-morning when power was restored. Andy took time in this meeting to explain to the board his process is such an emergency.

Work Agreement # MS17-185:

Motion was made on 4/3/17: To Accept Work Agreement # MS17-185 from 3/20/17 for repairs to well #1 for the proposed price of \$39,386 was done with an on-line Motion by Frank Falsetti, seconded by Terry, yes votes, Terry, Rick, Sue, and Joy. Motion passed.

The rest of the meeting was to review the details of what lead to the need for these repairs. On 3/28 an email exchange describing the removal of well #1 and Franks meeting at Municipal Well was described to Board members. The well and pump was removed from SG and parts taken to MW&Pump for inspection and repairs if possible. Work Agreement # MS17-185 is a result of that inspection and the impending repairs. We will replace the pump, shafting and spiders due to wear and the fact the castings are soft showing wear and pitting. Well # 1 motor was removed and will be refurbished as long as the well is shut down for these repairs. Mobilization, Demobilization, Install, Labor and sampling is included in the cost.

Andy provided a History of past work on Well # 1 and 2 so we the Board can evaluate the annual budgeting work which funds these types of repairs. We have been accruing on a 4 year cycle for 1 time major repairs of \$8,000.00 to fund these unanticipated expenses. Don and Andy suggest we consider changing the cycle to every 3 years and add funding to support more major expenses like these because of the age of the system and the ENORMOUS volume of water used by SGWT per user. Our system is "by far" the heavy use of any system they are involved with. MW&Pump provide a current Combined Water Usage report for the entire system. Gallons used by 146 users per day is 544. Which is about 3 times the household average they typically see. The age of the distribution system (Designed in mid-70's) , the number of users, lack of a user conservation effort, leaky laterals and a notoriously high Iron content in our aquifer all contribute to the fragile nature of our system. Mark Spicer provided the combined Well # 1 & Well # 2 usage numbers and in 2016 we used 28,899,020 gallons of water.

With the repairs to Well #1 we are currently using Deep Well #2 to supply water to the system until we can get Well #1 back in service in 2-3 weeks from today.

MW&Pump Action steps.

1. They have ordered the materials and should receive all parts in the next 10 days. Andy will schedule the installation ASAP upon delivery and complete the Chemical treatments and Bacteria sampling to get us back on line with the standard policy of blending water from Well # 2.
2. Dick will investigate the design criteria used when the system was first built for the purpose of establishing the baseline expectations of the system when it was new 45 years ago. This information should be in the hands of the DNR. We can take the info and study if the current usage meets the initial design criteria.
3. Dick will propose the cost of installing an Iron Filter for Well #1.
4. Dick will propose the cost of installing a new Well to supplement our current system.
5. Dick will inform us of other vendors capable of doing distribution system leak sound testing. We have used AECOM for this service to date.

SGWT Action Steps.

1. Begin the steps to understand the costs of completely rebuilding our system infrastructure. Long Term plan to manage those costs and the practicality of even doing so.
2. Get a proposal from AECOM and others to complete a system wide sound test in summer if 2017.
3. Get a proposal for a system field report locating and testing all valves and curb stops.
4. Investigate the cost the practicality of inspection for leaks and if necessary the replacement of all homeowner laterals in a phased and schedules process.
5. Develop a Water System Inspection Plan with recommendations to all users for improvements to be made to individual users in their condos or homes.