



Aquarina Waterworks, Inc.

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City of Polk City Polk City Commissioners

February 2017 Utility Operations Summary

Executive Summary

The following points are presented as an overall summary of water and wastewater utility department activities and events that occurred during the month of February, 2017:

- All monthly testing and reports that were due have been completed and turned into the proper regulatory agency.
- Ordered (2) new pumps for lift station #10 at Mt. Olive Shores.
- Continued to perform daily routine cleaning and maintenance on all the City's lift stations.
- Continued with the weekly monitoring of all the City's generators.
- Called Cat Ringpower to schedule the preventative maintenance on all the City's generators. They are scheduled for the 2nd week of March 2017.
- Repaired the 6 inch meter on well #1 at Mt. Olive Shores water plant.
- Purchased new testing equipment for Robert Best to use at the Cardinal Hill Treatment Facility.
- Hauled sludge from Cardinal Hill Wastewater Treatment Facility.
- Began the meter audit, starting in Mt. Olive Shores.
- Flushed hydrants at 9117 Samaritan Avenue.
- Have begun to assess the Ruth Road lift station in order to be able to put together a scope of service for contractors to bid on.

Operations and Maintenance Activities

- On 2/1/17 repaired a water leak at the Polk City Park.
- On 2/10/17 repaired a water leak at 4255 Cypress Trails Dr.
- On 2/15/17 repaired a water leak at 5718 Lagustrum Lane.
- On 2/21/17 repaired a water leak at 5274 Island view circle.
- On 2/23/17 installed a check valve on a meter at 731 Teaberry Trail.
- On 2/1/17 cleaned and checked L/S #3 and #4 plus their generators.
- On 2/2/17 checked lift station #5. The off float was hung up on a pump causing the pump to run continuously. Ordered new floats to repair.

- Pulled L/S #10 pumps to remove rags.
- On 2/7/17 cleaned and washed down L/S #7
- On 2/7/17 pulled L/S #10 because pumps were ragged up.
- On 2/7/17 pulled L/S #11 because pumps were ragged up.
- On 2/10/17 pulled L/S #10 because pumps were ragged up.
- On 2/10/17 checked generator at voyles loop lift station and washed and cleaned station.
- On 2/15/2017 pulled L/S #10 pumps because of rags.
- On 2/15/17 pulled L/S #11 because of rags.
- On 2/15/2017 cleaned and washed down L/S #7.
- On 2/17/17 took crane truck to get new tires F-550.
- On 2/17/17 picked up new pumps for L/S #10 from Barneys pumps.
- On 2/17/17 pulled L/S #10 pumps because of rags.
- On 2/20/17 replaced old starter with a new starter on the F-550.
- On 2/21/17 pulled L/S #10 pumps because of rags.
- On 2/24/17 pulled Golden Gate pumps that were ragged up. Also took apart the check valves and found them to full of rags.
- On 2/25/17 pulled L/S #10 pumps because of rags.
- On 2/27/17 pulled L/S #10 pumps because of rags.
- On 2/28/17 changed out the floats at the Nolane lift station.
- On 2/28/17 pulled Golden Gate pumps because of rags.
- On 2/28/17 pulled pumps at lift station #10 because of rags.
- On 2/1/17 continued to paint exterior piping at the Cardinal Hill WWTP.
- On 2/2/17 continued to paint exterior piping at the Cardinal Hill WWTP.

Miscellaneous Job Order Completions

- 46 turn on/off
- 12 locates
- 3 new meter installs
- 18 Meter maintenance
- 2 meter register change outs
- 5 customer service calls
- 36 Meter reads
- 6 Laptop tests
- 0 Meter changeouts
- 128 total work orders completed during the month of February 2017.

Planned March Monthly Activities

- Meet with a Barney's pump technician to come up with ideas about trouble shooting lift station #10.

- Continue to inspect sanitary sewer lines and manholes.
- Write a scope of service for the Ruth Road lift station rehab that is needed.
- Continue meter audit at the City.
- Check sanitary sewer collection system for inflow infiltration.
- Continue the marking and identifying isolation valves.
- Write a newsletter about what can be flushed down a toilet and what cannot be.