



## Aquarina Waterworks, Inc.

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## City of Polk City Polk City Commissioners

March 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 March, 2017:

- All monthly testing and reports that were due have been completed and turned into the proper regulatory agency.
- We Installed (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.
- The preventative maintenance on all generators has been performed. Additional repairs are needed and have been scheduled on all the City's generators.
- Purchased (6) new tires for the F-350 and F-150 trucks that are used by the utility.
- Required maintenance has been performed on all trucks used by the utility department.
- Installed a metal type rake in the manhole before lift station #10 in order to prevent rags from clogging the pumps. The makeshift rake was made by using scrap metal at the cardinal hill facility. So far it has greatly reduced maintenance call outs to that station.
- Have greatly reduced the number of outstanding work orders. Hopefully we can catch all the way up in April and resume the meter audit.
- We have begun to seek out painting contractors for quotes on painting the cardinal hill facility.
- We have continued to assess the Ruth Road lift station and have sent out the scope of services to (4) area contractors.

## Operations and Maintenance Activities

- On March 31, 2017 we installed a new sight glass and valves on pressure tank #1 at Mt Olive WTP.
- On March 10, 2017 we found a bad relay on the Mt. Olive WTP chlorine system wiring. We ordered and installed a new relay.

- On March 23, 2017 the utility department along with Mr. Keith Prestage handed out literature to Mt. Olive shores manufactured home community about what not to flush down toilets in order to stop the garbage clogging up pumps at lift station #10.
- On March 2, 2017 we repaired a 2 inch water service line.
- On March 3, 2017 we repaired a leaking water valve on Hinsdale Heights Drive.
- On March 3, 2017 we repaired a water leak at lot #77 on Hinsdale Heights Dr.
- On March 1, 2017 we had a cummins generator repair technician come out and service generator at the voyles loop lift station.
- On March 9, 2017 we repaired a discharge pipe at lift station #12.
- On March 15, 2017 we responded to a high pressure alarm at the Mt. Olive WTP and found a soft starter to be bad. We ordered a new one.
- On March 17, 2017 we met with Barney's Pumps at lift station #10 to try and find out why the new pumps have been clogging up all the time.
- Throughout the month of March 2017 we have continued with lift station maintenance. The daily cleaning, pulling of pumps, servicing the electrical components, and checking floats has resulted in greatly reducing the number of emergency call outs.

## **Miscellaneous Job Order Completions**

- 28 turn on/off
- 0 locates
- 4 new meter installs
- 7 Meter maintenance
- 32 meter register change outs
- 0 customer service calls
- 17 Meter reads
- 0 Laptop tests
- 0 Meter changeouts.
- 5 new irrigation meter installs.
- 103 total work orders completed during the month of February 2017.

## **Planned March Monthly Activities**

- Meet with painting contractors at Cardinal Hill WWTP
- Continue to inspect sanitary sewer lines and manholes.
- Meet with underground contractors about Ruth Road lift station.
- Check sanitary sewer collection system for inflow infiltration.
- Continue the marking and identifying isolation valves.
- Gather quotes to replace (2) hydro pneumatic tanks at Mt. Olive WTP.