



Aquarina Waterworks, Inc.

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City of Polk City Polk City Commissioners

March 2016 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, 2016:

- Hired Mr. Robert Best to work for us at the City of Polk City. Mr. Best started on March 14, 2016.
- Finalized the purchase of the standby generator for the Voyles Loop lift station from Cummins Power South. The lead time for the generator to be delivered is approximately five weeks.
- Finalized all the repairs for all the generators. All the generators are working within normal operating parameters.
- Contracted with Caterpillar Ring Power to clean diesel fuel from the two pond generator.
- Contracted with Central Florida Controls to calibrate all water plant flow meters to insure water flow accuracy.
- Supervised the installation of the Voyles Loop lift station emergency bypass valving which was done by Garner Complete Site.
- Purchased and installed heavy chain to lock up emergency bypass valve to prevent vandalism.
- Ordered a flygt pump for the Voyles Loop lift station. This will mean that all pumps will be flygt pumps and after the pump is received and installed the station will be operating within normal operating parameters.
- Responded to the Ruth Road lift station and found that a hydromatic pump failed and needed to be replaced. Ordered, picked up, and installed a new hydromatic pump from Barneys pumps. Station is now operating normally.
- Supervised the installation of part of a new driveway that needed to be removed in order to fix a 2 inch water break. Garner Complete Site repaired the driveway.
- Ordered the automatic switch over for the new generator at the Voyles Loop lift station from Cummins Power South.
- Contracted with BL Smith contractors to be the company that installs and connects the new generator and automatic switch over at the Voyles Loop lift station.

- Had the valves and pipes in the Voyles Loop lift station valve pit painted and resurfaced.

Operations and Maintenance Activities

- Monthly compliance sampling for February 2016 has been completed. Including sampling for all monitoring wells.
- All necessary reports have been filed
- Responded to a lift station alarm at Ruth road lift station on March 21, 2016. Replaced a bad hydromatic sewer pump.
- Responded to a water line break at South Citrus Blvd and fixed a 2" water line.
- Responded to a service call where a resident ran over and crushed multiple water meters at 360 Cruisers Drive. Please see attached letter.
- Responded to a water line break at Polk City Villa Apartments. A two inch line broke. It was repaired.
- Responded to a water line break at 5140 Southshore Drive.
- Responded to lift station number 11 for a clogged pump on March 6, 2016.
- Responded to lift station number 11 again for a clogged pump on March 7, 2016.
- On March 1, 2016 we responded to a water line break on state road 33. Called Kevin Odom and the line was repaired.
- On March 28, 2016 we replaced a check valve on well number 2 at Mt. Olive water plant.

Miscellaneous Job Order Completions

- 53 services turned on/off
- 41 locates
- 6 new meter installs
- 7 change-outs
- Assisted with some meter reads and re-reads.
- 6 call outs from answering service/SCADA/auto dialers
- 179 work orders

Planned March Monthly Activities

- Schedule routine maintenance for all city generators in preparation for hurricane season.
- Evaluate lift station number eleven to see what would be required to reduce the number of emergency call outs for that one lift station.
- Continue to inspect sanitary sewer lines and manholes.
- Continue inspection of water lines and water isolation valves
- Evaluate the lift stations that currently do not have generators to see what would be required to prepare them for a generator quick connection so that a rented generator could be used at station under emergency circumstances.