



## Aquarina Waterworks, Inc.

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# **City of Polk City**

## Polk City Commissioners

October 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 October, 2016:

- Located a major source of ground water infiltration into the sanitary sewer system at Mud Lake and Golden Gate Boulevard.
- Continued to provide information to the City's consultant so that the City would be able to renew their wastewater operating permit.
- 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.
- Contracted with the B.R.I.A.N. Corporation for emergency repairs to the sanitary sewer line along Golden Gate Boulevard. Stopped at least 80 percent of the water infiltrating into the City's collection system.
- Prepared for Hurricane Matthew.
- Topped off all generators with diesel fuel.
- Arranged to have the pumps in lift station #11 rebuilt at Barneys Pumps. This should take place sometime in November 2016.
- Replaced the motor starter in the Voyles Loop LS. The pumps seem to be working better. We continuing to monitor the flow to see if the situation is improving in regards to keeping up with the incoming flow.

## Operations and Maintenance Activities

- Monthly compliance sampling for October 2016 has been completed and all monthly reports have been submitted.
- There was too high of voltage coming in from Lakeland Electric at the Voyles Loop LS. Had the electric company come out and resolve the problem.
- We flushed hydrants at 8909 Southshore Court.
- We fixed the driveway at 218 South Citrus Grove Blvd.
- Repaired a water leak on Teaberry Trail.
- Repaired a water leak at 5140 and 5134 Southshore Drive.
- Flushed hydrants at 384 South Motorcoach Drive.
- Repaired and replaced curb stop at 321 Clearwater Lake Drive.

- Repaired service line at 4036 Big Bend Trail.
- Filled in a hole that developed beside the manhole at Golden Gate lift station. Filled the hole in with clay and built a berm around it due to impending storm.
- October 19, 2016 - escorted the Haines City Fire tech to all water and wastewater facilities.
- Flushed the hydrant on Motor Coach Drive near the clubhouse.
- Repaired a faulty cord on the chlorine pump at the Mount Olive water plant.
- Took the City's box truck in for repairs.

## **Miscellaneous Job Order Completions**

- 66 turn-off's and turn-on's
- 7 locates
- 5 new meter installs
- 0 Laptop tests
- 4 meter register change-outs
- 1 Meter change-out
- 26 Meter reads
- 109 total work orders completed during the month of October 2016.

## **Planned November Monthly Activities**

- Continue to find solutions for the pumps at Voyles Loop LS.
- Get quote for fixing the City's Box truck. The Ford F-350.
- Continue to inspect sanitary sewer lines and manholes.
- Talk to City Manager about South Citrus Blvd. The replacement of the old 2 inch water line.
- Finish up quote to camera and fix the remaining infiltration on the sanitary sewer line next to Mud Lake and Golden Gate Blvd.
- Check sanitary sewer collection system for inflow infiltration.
- Continue the marking and identifying isolation valves.