



Aquarina Waterworks, Inc.

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City of Polk City Polk City Commissioners

December 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 December, 2016:

- Located a major source of ground water infiltration at Golden Gate Boulevard and had B.R.I.A.N. Inc. fix it.
- Continue to provide information to the City's consultant so that the City would be able to renew their Wastewater Operating Permit.
- Continue to perform daily routine cleaning and maintenance on all the City's lift stations.
- Continue with the weekly monitoring of all the City's generators.
- Had B.R.I.A.N. Inc. come and line 20 feet of 8 inch sewer line beside Mud Lake. They also grouted 21 pipe joints.
- Had Allan Slater from the FRWA (Florida Rural Water Association) to do meter calibrations at route 33 spray field, the I-4 spray field, and both meters at the wastewater plant.
- Retrieved the Box truck from the dealership after its turbo was repaired.
- Continued to monitor the Voyles Loop LS and to keep fuel in the bypass pump.
- Central Electric came out to install grounding rods to better protect the Voyles Loop LS.
- Procured health insurance for the employees of Aquarina Waterworks, Inc.

Operations and Maintenance Activities

- December 1, 2016 - responded to a water leak at City Hall. We had a contractor come and fix the 6 inch water valve.
- December 21, 2016 - dug up a 6 inch valve on East Arbor lane beside the elementary school and replaced the 6 inch valve.
- December 2, 2016 - repaired a leak across from 496 Meandering Way.
- December 6, 2016 - ordered a hydraulic seal kit for the boom truck and asked Jeff Jones from Public Works to install it.
- December 7, 2016 - fixed a driveway on Samaritan Road that was damaged from a water leak.
- December 12, 2016 - installed sod on various areas where there have been water leaks.
- December 14, 2016 - repaired a ¾ inch chlorine line at the Mt. Olive water treatment facility.

- December 8, 2016 - responded to a water leak at 9100 Golden Gate Blvd. The water leak was on the customer's side.
- December 20, 2016 - responded to a leak in the meter box at 8754 Hinsdale Heights Drive. The leak was on the customer's side.

Miscellaneous Job Order Completions

- 95 turn-off's and turn-on's
- 10 locates
- 10 new meter installs
- 0 Meter maintenance
- 10 meter register change outs
- 3 customer service calls
- 30 Meter reads
- 158 total work orders completed during the month of June 2016.

Planned January Monthly Activities

- Take pumps from Golden Gate lift station into Barney's for repair.
- Continue to inspect sanitary sewer lines and manholes.
- Talk to City Manager about South Citrus Boulevard. The replacement of the old 2 inch water line.
- Replace check valve at Well #1 at the Mt. Olive Water Treatment Plant.
- Check sanitary sewer collection system for inflow infiltration.
- Continue the marking and identifying isolation valves.