



## Aquarina Waterworks, Inc.

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## City of Polk City Polk City Commissioners

November 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 November, 2016:

- Located a major source of ground water infiltration at Golden Gate Boulevard and had B.R.I.A.N. Corporation fix it.
- 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.
- Continued to inspect more lines along the lake near Golden Gate Boulevard. Found more water infiltration coming into the sanitary sewer system. Obtaining quotes to stop the infiltration.
- Cleaned the eight inch sanitary sewer line the whole length of Damascus Avenue. The line was also videoed after the cleaning was performed.
- Topped off all generators with diesel fuel.
- We had to delay this project as something more important happened at Voyles Loop LS. We will arrange to have the pumps in LS #11 rebuilt at Barneys Pumps. This should take place sometime in January 2017.
- Fixed the soft starter at the Jacob's Water Plant. Both wells are back to normal operation and alternating as they should.
- There was a small overflow at the Voyles Loop LS on November 16, 2016. It was contained on site and all regulatory bodies were properly notified and the rules and regulations were followed. Repairs are underway while the station is being pumped by a bypass pump.

## Operations and Maintenance Activities

- Monthly compliance sampling for November, 2016 has been completed and all monthly reports have been submitted.
- 11/3/2016 - responded to a water leak at 7146 Berkley Road. The leak was in the meter box. We replaced the curb stop.
- 11/3/2016 - responded to 725 Meandering Way to replace a meter box lid.
- 11/3/2016 - flushed hydrants at 9027 Woodview Drive.
- 11/7/2016 - responded to 7182 Berkley Road to repair a service line leak.
- 11/8/2016 - responded to customer service call and turned off their water so they could repair a leak on their side of the meter.
- 11/9/2016 - responded to lift station #10 to pull and clean pump #1.
- 11/15/2016 - fixed a water leak at 4140 Big Bend Trail.
- 11/21/2016 - repaired a damaged service line on Hinsdale Heights Drive.
- 11/28/2016 - repaired a water service line behind the fire station.
- 11/29/2016 - responded to a water leak at 123 SE Broadway Blvd. Call Mr. Kevin Odom to come and fix it.
- 11/30/2016 - fixed a water leak at 403 Water View Drive.
- 11/30/2016 - flushed hydrants on Coyote Trail and Big Bend Trail.
- 11/1/2016 - repaired chlorine injection point at Jacob road water plant.
- 11/1/2016 - got the 75 hp well pump back on line and in normal operation at the Jacob's water plant.
- 11/1/2016 - cleaned the VoylesLloop LS.
- 11/3/2016 - reinstalled an air release valve at the Matt Williams water plant.
- 11/3/2016 - cut out a section of sidewalk that was covering over a valve cover at Fountain Park.
- 11/4/2016 - cleaned lift stations 3 and 4 and cleaned and repaired several sprinklers at the 33 sprayfield.
- 11/7/2016 - cleaned lift stations 1,2,7,5.
- 11/8/2016 - cleaned lift stations 8,9,12,7.
- 11/9/2016 - took apart the check valves at the Voyles Loop LS and repaired them.
- 11/9/2016 - pulled the pumps out of the Golden Gate LS because of rags.
- 11/9/2016 - pulled both pumps at LS #10 due to rags.
- 11/10/2016 - worked on and repaired the floats in the contact chamber at the cardinal hill wastewater treatment facility.
- 11/11/2016 - cleaned the clarifier tank #1 at the Cardinal Hill wastewater treatment facility.
- 11/15/2016 - cleaned the clarifier tank #2 at the Cardinal Hill wastewater treatment facility.
- 11/23/2016 - repaired a water leak at Jacobs and Samaritan Roads.

## **Miscellaneous Job Order Completions**

- 69 turn off's and turn on's
- 12 locates
- 4 new meter installs
- 2 Meter maintenance
- 10 meter register change outs
- 5 customer service calls
- 31 Meter reads
- 133 total work orders completed during the month of June 2016.

## **Planned December Monthly Activities**

- Continue to find solutions for the pumps at Voyles Loop LS.
- Fix the City's Box truck - 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.