



Aquarina Waterworks, Inc.

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City of Polk City Polk City Commissioners

June 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 June, 2016:

- Hired Mr. Robby Peters. His employment began June 15, 2016.
- Took delivery of the Voyles Loop LS generator with much help from Pinnacle rentals. Were very impressed with the spirit of cooperation with the local businesses of Polk City. A real help!
- Contacted and met with officials from City of Auburndale Utilities Department. There was a huge grease and grime problem at Voyles Loop LS. Auburndale Utilities Department came with their Vac Con truck and helped dislodge and dispose of grease. We are actively taking daily steps to prevent further grease buildup.
- Continued with the weekly monitoring of all the City's generators. The genset at Laynewade LS continues to give problems but those problems are fixed and the generator is currently operating normally.
- Continued painting Polk City's fire hydrants.
- Identified a leak on the city's main line going to the sprayfields. Called Kevin Odom to fix the main line.
- Mr. Robert Best identified a problem with the power line that feeds the Cardinal Hill Wastewater Treatment plant. We called Lakeland Electric and the problem was fixed.
- During an intense lightning storm the transformer at the Cardinal Hill Wastewater Treatment Plant was struck by lightning. The generator came on for back-up power and ran normally while Lakeland Electric replaced the blown transformer.
- Continued with the scheduling and are almost done with the load bank testing of all the city's generators in preparation for upcoming hurricane season.
- The callout system at the Cardinal Hill Wastewater Treatment Plant is not working. Charles Sharp contacted the company and tried to troubleshoot the unit over the phone. He was unsuccessful so the company is sending a new call-out box at no charge to the city.

Operations and Maintenance Activities

- Monthly compliance sampling for June 2016 has been completed. Including sampling for all monitoring wells.
- All necessary reports have been filed
- Delivered the CCR reports to the City for mailing.
- On June 4, 2016 at 11:14 pm LS #5 had no power. Reset system everything operating normally.
- On June 8, 2016 at 5:15 pm got called from Mt. Olive water plant for a low chlorine alarm. Cleaned out line of debris. Primed pump and stayed until chlorine level came back to normal levels.
- Responded to lift station #3. Changed out TCU box, all 4 floats, cleaned out panel and ensured all floats were working normally.
- Responded to Mt. Olive water plant and found auto dialer not working. Called brighthouse and fixed the problem.
- Changed out a float at LS #1.
- Repaired the sewer manhole in front of the old IGA store that somehow got damaged.
- Investigated leak at wastewater plant. Found main line leaking. Called Kevin Odom.
- Changed out the on/off float at LS #5.
- Responded to LS #5 and fixed the phase sequence failure. Changed out the lead, lag, and alarm floats and put duct seal around wires to prevent sewer gas from getting into control panel.
- Checked LS #1 and put duct seal around float wires to ensure sewer gas does not leak into control panel.
- Filled the hole where Kevin Odom fixed the spray field line.
- Repaired and replaced a 2" valve at lot #61 in Fountain Park.
- Responded to a sewer back up at 9109 Damascus found the problem was in the lateral.
- Responded to LS #8 did troubleshooting and reprogrammed the auto dialer.
- Flushed hydrants at 3rd & Pine, 4th & Pine, 4th & Central, 4th & Pope.
- Cut out concrete at LS #7 in order to pour slab for new generator install.
- Continued with lift station maintenance
- All lift station panels are being cleaned, connections tightened, duct work sealed, and checked.

Miscellaneous Job Order Completions

- 58 turn-off's and turn-on's
- 13 locates
- 9 new meter installs
- 5 meter changeouts
- 20 final meter reads and lock-off's
- 4 Laptop tests

- 53 meter register change-outs
- 21 miscellaneous meter work orders.
- 13 Meter reads
- 196 total work orders completed during the month of June 2016.

Planned July Monthly Activities

- Finish the generator install
- Order two new pumps for lift station number #11 at Golden Gate Blvd.
- Continue to inspect sanitary sewer lines and manholes.
- Identify non-working water valves and schedule their replacement.
- Evaluate the Cardinal Hill Wastewater Plant for painting touch up.
- Continue the marking and identifying isolation valves.
- Get quotes for fencing of the Voyles Loop lift station to include the bypass valve.