



Aquarina Waterworks, Inc.

2517 Elm Circle

Lake Wales, FL 33898

Kevin Burge (772) 708-7946 Keith

Burge (772) 201-3299

aquarinawaterworks@bellsouth.net (Kevin Burge)

Burkimwater@aol.com (Keith Burge)

City of Polk City Polk City Commissioners

July 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 July, 2016:

- Continued the process of installing the new generator at Voyles Loop lift station.
- Instituted a plan for cleaning lift stations on a weekly basis to avoid the grease build-up that was happening at the Voyles Loop lift station.
- Had staff go to each lift station to check for amounts of grease in each station to figure out where a lot of the grease is coming from.
- 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 with the painting of the city's fire hydrants.
- The fire hydrant at the end of Coyote trail was knocked over. Staff cleaned up the site and we called Kevin Odom to install a new fire hydrant. The hydrant still is not replaced.
- The callout system at the Cardinal Hill wastewater treatment plant is not working. Staff contacted the company and tried to troubleshoot the unit over the phone. We will have to send the unit out for repair.
- The call out system for the lift station at Motor Coach Road is not working and we will be sending it out for repair.

Operations and Maintenance Activities

- Monthly compliance sampling for July has been completed and all monthly reports have been submitted.
- 8814 Hinsdale Heights valve repaired.
- 8814 Hinsdale Heights a second valve was repaired.
- Flushed the hydrants at 385 Cruisers Drive
- Painted the hydrants on Honeybee, Marklen Loop, Ashley.
- Checked on a backflow issue at 372 Clearwater Avenue.
- The generator at the Laynewade lift station is not working. We are currently working with Cat Ringpower to find out the issue.
- Poured the concrete slab for the new Genset at Voyles Loop.
- Checked the water pressure at 5250 Revelation Drive
- Fixed a broken water line at 710 Meandering Way which was run over by a lawn mower.
- Pulled and cleaned pumps at LS #5

- Installed new locks at the water treatment plant on Commonwealth.
- Cleaned the wet well and electrical panel at LS #9.
- Cleaned LS #1
- Cleaned LS #2
- Cleaned LS #7
- Cleaned LS #11 and pulled pumps, cleaned debris from around wear ring.
- Trimmed around LS #2, 4, 5, and 10.
- Re-plumbed pipes in Commonwealth WTP bleach room.
- Cleaned Voyles Loop LS.
- Fixed Pulsa Feeder (chlorine pump) leak at the Matt Williams WTP.
- Replaced leaking adaptor at injection point at the Commonwealth WTP.
- Pulled golden gate pumps and cleaned them.
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- Trimmed trees around the Cardinal Hill WWTP that were hanging over several sheds and buildings and pressure washed the Cardinal Hill WWTP.
- Cleaned the clarifiers at the Cardinal Hill WWTP.
- Built a rack for the 3 inch trash pump hoses underneath the vehicle shelter behind the Cardinal Hill WWTP.
- Dug up valves behind the commonwealth WTP to bypass the rusted leaking pipes and re-plumbed into the CL2 room with PVC.
- Changed the oil in the blowers and greased all the motors and blowers.

Miscellaneous Job Order Completions

- 50 turn-off's and turn-on's
- 19 locates
- 5 new meter installs
- 3 Laptop tests
- 11 meter register change outs
- 8 miscellaneous meter work orders
- 13 Meter reads
- 109 total work orders completed during the month of July 2016

Planned July Monthly Activities

- Schedule the startup process for the Genset at Voyles loop.
- Order two new pumps for LS #11 at Golden Gate Boulevard that did not get ordered last month.
- Continue to inspect sanitary sewer lines and manholes
- Schedule camera crew for 8" sewer main at Damascus Road
- Check sanitary sewer collection system for inflow infiltration
- Continue the marking and identifying isolation valves
- Begin process of gathering data for the renewal of the wastewater permit.