



Polk City Commissioners

DECEMBER 2013 UTILITY OPERATIONS SUMMARY

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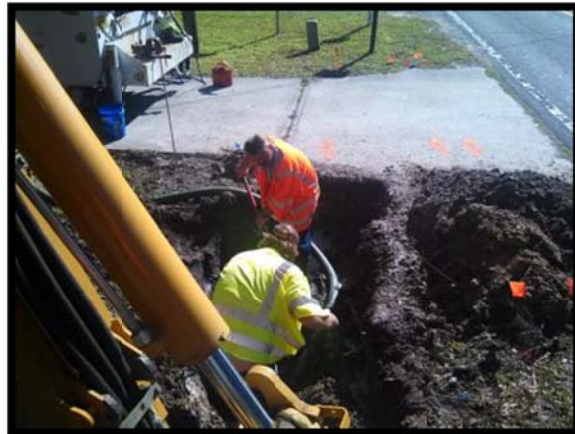
EXECUTIVE SUMMARY

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, 2013:

- Received notification of distribution system monitoring violation for the month of December from the Health Department. Working with Health Department on resolution.
- Completed company's monthly safety requirements.
- Working with master meter on financial impact of meter change-out program.
- Continuing work with FDOT on several projects which may impact the city's systems.
- Working with City on replacement of Hydro Tank at Matt Williams WTP.
- Continuing work on swapping out master meter registers that are still under warranty.
- Working on ways to improve efficiency with paperless data collection and maintenance recording with Do Forms program.
- Working with city manager on resolution of problems with new liftstations upgraded during expansion project. Received recommendation from electrical engineer. Working on a plan of action for future protection.
- Submitted annual re-use report to SWFWMD.

1. OPERATIONS AND MAINTENANCE ACTIVITIES

- Completed monthly compliance sampling.
- Making good progress on the Hwy 33 sprayfield rehab.
- Working on installation of spare motor at the Cardinal Hill WWTF.
- Focusing on valve exercising program and hydrant flushing.
- Continuing to make improvements at the Cardinal Hill WWTF.
- Working with city and Lakeland electric to determine possible causes of equipment failure during last city wide power outage.
- Installed new surge suppressors at Nolane liftstation.
- Continuing to pull liftstation pumps on a routine basis due to electrical issues.
- Repaired multiple line breaks.
- Completed annual back flow testing for wastewater system back flow devices.



These three pictures show what it took to repair that little leak in the upper left shot.



Another little frog hanging out.

Miscellaneous Job Order Completions

- 96 wastewater lift station checks.
- 45 lift station repairs and maintenance items completed.
- 4 sewer line repairs; and maintenance items completed.
- 99 water line and hydrant repairs, and maintenance items.
- 2340 monthly meter readings.
- 38 locates
- 110 work orders completed.
- 7 Call outs from answering service.
 - 33 services turned on
 - 23 disconnects
 - 4 new installations

1.1 WATER SYSTEM FLOW INFORMATION

Month	Water Treatment Plant Flow, MGD		
	Monthly Total	Daily Max	Daily Ave
October 2013	13.272	0.525	0.428
November 2013	13.247	0.551	0.442
December 2013	12.505	0.599	0.403

2. PLANNED JANUARY MONTHLY ACTIVITIES

- Continue swapping out failed registers.
- Work with city and contractors to help with new tank installation at the Matt Williams WTP.
- Rehab Cardinal Hill WWTF onsite sprayfield.
- Discuss electrical engineers' recommendation for liftstation panel upgrades with the City.
- Continue working on the Hwy 33 sprayfield.
- Complete fire hydrant relocation for upcoming FDOT project.
- Bring company back out for retreatment of Cardinal Hill storage lagoon. First treatment worked well, and held up for a considerable amount of time.
- Start working on annual sampling and organization plan for delivery to city manager.



Pictures from the Cardinal Hill WWTF.

