



Polk City Commissioners

FEBRUARY 2014 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 February, 2014:

- 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.
- Completed hydrotank swap at the Matt Williams WTP. Pulled all clearance samples for putting new tank on-line, and put system back in service.
- 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.
- Still working with Barney's pumps on issues with new liftstations. So far issues have improved with regards to liftstation operation.
- Relocated influent flow meter at the Cardinal Hill WWTF.

OPERATIONS AND MAINTENANCE ACTIVITIES

- Completed monthly compliance sampling.
- Wired flow meters into composite samplers
- Focusing on valve exercising program and hydrant flushing.
- Working with city and electrician on recommendations for liftstation upgrades.
- Worked with Garner Complete Site on water main repair on Island View Dr.
- Tested, flushed, and sampled new hydrotank.
- Put water system back into normal operating mode.
- Working on cleaning and repair of chlorine contact chamber at Cardinal Hill WWTF.
- Working on locate of utilities for storm water repair being conducted by the County on Golden Gate Blvd.



Installing new hydrotank.



1.1. MISCELLANEOUS JOB ORDER COMPLETIONS

- 91 wastewater lift station checks.
- 29 lift station repairs and maintenance items completed.
- 3 sewer line repairs; and maintenance items completed.
- 82 water line and hydrant repairs, and maintenance items.
- 2340 monthly meter readings.
- 56 locates
- 152 work orders.
- 11 Call outs from answering service.
 - 33 services turned on
 - 19 disconnects
 - 8 new installations
 - 10 meters replaced

1.2. WATER SYSTEM FLOW INFORMATION

Month	Water Treatment Plant Flow, MGD		
	Monthly Total	Daily Max	Daily Ave
December 2013	12.505	0.599	0.403
January 2014	12.305	0.541	0.397
February 2014	11.334	0.554	0.405

PLANNED MARCH MONTHLY ACTIVITIES

- Continue swapping out failed registers.
- Rehab Cardinal Hill WWTF onsite sprayfield.
- Discuss electrical engineers' recommendation for liftstation panel upgrades with the City.
- Continue working on the Hwy 33 sprayfield.
- Finalize proposal to city concerning meter replacement program.
- Begin work on upcoming budget for the city.
- Start working on an updated CIP budget for the utility department.



New hydrotank at the Matt Williams WTP.

