

MEMORANDUM

TO: Mrs. Patricia Jackson; Polk City Commissioners

FROM: Charles E. Nichols Jr. and Mike Cherniak

DATE: March 6, 2012

RE: February 2012 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 September, 2011:

- Achieved all water and wastewater sampling and monitoring standards.
- Working with city's departments to assist with planning and inspections of all current construction projects in the city that impact the city's utilities.
- Continuing work with GAI on all current projects.

Operations and Maintenance Activities

- Completed monthly compliance sampling.
- Continuing to repair and paint items and equipment as time permits.
- Had annual inspection of water plants by the Health Department. Waiting on final report from inspection.
- Doug Dufresne of PG Consulting is continuing work on the relocation of the WWTP monitoring wells. Have heard nothing new concerning this item in some time.
- Working with GAI on new lift station upgrade designs.
- Finalized plans for new water line project with GAI.
- Working with GAI on new Cardinal Hill WWTP upgrade. Also working on finalization of new operating permit for the Cardinal Hill WWTP.
- Working on cleaning out reject pond at the Cardinal Hill WWTP. Also completed cleaning of chlorine contact chamber.
- Completed several items from our corporate safety audit. Including a fall prevention system to be utilized at the lift stations.
- Inspected reconnection of Lee/Lynn to the City's water system.
- Repaired leaking main on Cardinal Hill's reclaimed water system.



- Tested water treatment plants alarms and SCADA system.
- Rewired chlorine alarm to auto dialer at the Jacob WTP to correct issue with analyzer not calling for low chlorine alarm.
- Repaired well seals around the base of the wells at Matt Williams and Commonwealth WTP. Painted new seals with special paint to extend life of seals.
- Installed new outlet and ran new conduit at the Cardinal Hill WWTP.
- Installed new T connection on Cardinal Hill reclaimed water system for future GAI connection for plant expansion.
- Repaired water line leak on Clearwater Ave.



Well seal repair at the Matt Williams WTP.



Well seal repair at the Commonwealth WTP.



Special paint designed to re-enforce the well seal.



Cardinal Hill reclaimed water line break.

Miscellaneous job order completions included:

- 124 wastewater lift station checks;
- 70 lift station repairs and maintenance items completed;
- 5 sewer line repairs; and maintenance items completed;
- 23 water line and hydrant repairs, and maintenance items;
- 2200 monthly meter readings;
- 25 locates;
- 115 work orders completed.

March Activities:

- Complete items brought up by annual sanitary survey from the Health Department.
- Continue to work on completion of upcoming construction project designs.
- Work with the City and the School on the new SRTS program.
- Intensify Howard's training and assistance with Xochitl to facilitate coverage and quicker smoother service for customers.
- Continue work on upcoming annual reports for SWFWMD.
- Complete Annual public supply report. (due April 1st)
- Attend our companies spring managers meetings.