



Polk City Commissioners

JULY 2015 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 July, 2015:

- Completed company's monthly safety requirements.
- Valve representative came in and modified valves on Lakeland interconnect and set valves. Interconnect now works automatically as intended.
- Completed and submitted CCR delivery confirmation certifications to the department of health.
- Still working on re-surfacing of contact chamber.
- Continuing to replace the residential one inch meters for increased usage accuracy.
- Completed painting of the Commonwealth WTP.
- Working on painting of the other two water plants weather permitting.
- Working with city staff to complete budgeting process for upcoming year.

OPERATIONS AND MAINTENANCE ACTIVITIES

- Completed monthly compliance sampling.
- Attended management training course in Winter Garden.
- Re-sealed chlorine contact chamber and applied first coat of paint to interior of tank.
- Crane truck and Box truck were both repaired by Scott with the city.
- Third pump for future expansion of Voyles Loop has been repaired.
- Replaced TCU controller in Laynewade Liftstation.
- Had electrician re-wire gland seal leak detector to correct control issue with new pump at the Laynewade liftstation.
- Applied herbicide at storage lagoon at wastewater facility.
- Pressure washed all three water treatment plants.



CommonWealth WTP before and after pics.



1.1. MISCELLANEOUS JOB ORDER COMPLETIONS

- 20 wastewater lift station checks.
- 22 wastewater repairs and maintenance items completed.
- 56 water line and hydrant repairs, and maintenance items.
- 2340 monthly meter readings.
- 58 locates
- 144 work orders from billing office.
- 4 Call outs from answering service.
- 14 Call outs from system SCADA and Autodialers.

Meter related activities

- 23 services turned on
- 22 disconnects
- 6 new installations
- 8 replacements

1.2. WATER SYSTEM FLOW INFORMATION

| Month | Water Treatment Plant Flow, MGD | | |
|-----------|---------------------------------|-----------|-----------|
| | Monthly Total | Daily Max | Daily Ave |
| May 2015 | 12.543 | 0.634 | 0.405 |
| June 2015 | 9.731 | 0.448 | 0.324 |
| July 2015 | 9.877 | 0.452 | 0.319 |

1.3. WASTEWATER FLOW INFORMATION

| Month | Wastewater Treatment Plant Flow, MGD | | |
|------------|--------------------------------------|---------------|----------------|
| | Plant Flow Avg | Perc Pond Avg | Sprayfield Avg |
| April 2015 | 0.115 | 0.078 | 0.033 |
| May 2015 | 0.084 | 0.035 | 0.058 |
| June 2015 | 0.116 | 0.035 | 0.080 |

PLANNED AUGUST MONTHLY ACTIVITIES

- Complete corporate health and safety annual tasks.
- Continue working on new maintenance tracking program.
- Finish painting Mt. Olive WTP.
- Work on painting of Matt Williams WTP.
- Complete work on budget items for the city.
- Start quoting process for liftstation upgrades in CIP.
- Complete building process for Pole Barn.



Wildlife preserve aptly named the Cardinal Hill WWTF.

