

Monthly Client Report for Higgins Lake Utility Authority

October 2017

To: Mr. Paul Tatro, Higgins Lake Utility Authority Business Manager

From: Theron Scharffe, Operations & Maintenance Specialist
Wade Trim Operations Services (WTOS)

Date: November 3, 2017

Subject: Monthly Report for October 2017

In order to provide the Higgins Lake Utility Authority (HLUA) with a summary of our activities for the month, Wade Trim Operations Services has prepared this report for your review. We welcome any suggestions to improve the information contained in these reports. Please contact us if you believe this report contains errors, or if you have any questions about it.

Flow and Utility Statistics

Parameters	2016	2017	Difference
1st-7th flow	47,301	56,800	+ 9,499
8th-14th flow	46,068	40,098	-5,970
15th-21st flow	46,869	52,245	+5,376
22nd-31st flow	62,702	83,744	+21,042
Minimum Weekly flow	46,068	40,098	-5970
Maximum Weekly flow	62,702	83,744	+21,042
Monthly influent total	202,940	232,887	+29,947

W.W.T.F. Performance

Parameters	Influent	Effluent	Difference
2016 yearly totals	3,129,900	3,686,677	+556,777
2017 year to date totals	2,969,604	3,426,386	+761,772
September Totals	232,887	186,758	-46,129

Monitor Well Status

- Next Quarterly sampling will be performed in November.

Monthly E-one Activity Summary

- Wade Trim received 12 E-One service requests and responded as needed during the month of October. HLUA's spare pump status, 7 repaired and tested, 4 awaiting repairs.

Monthly Miss Dig Activity Summary

- Wade Trim responded to five (5) Miss Digs utility location requests, five (5) completed markings, zero (0) duplicate request during the month of October. All requests were closed using the positive response system as required.

Strategic Planning

- Replacement of one (1) failed E-One pump for spare inventory.

Maintenance

- Algae and weed control efforts are ongoing.
- Clear weeds and flush irrigation heads before resuming discharge.

Cummins Backup Generator

- Monthly and weekly inspections and required maintenance activities were completed.

Super Z Lawn Mower

- Monthly and weekly inspections and maintenance activities were completed.

Board Considerations

- Need Board approval to replace failed E-One pump.

Other Noteworthy Events or Activities

- Soil samples taken 10-30-17 and sent to lab for analysis.
- End of year effluent sample taken 10-11-17 and sent to lab for analysis.
- Mike Stanaway submitted resignation effective the 6th of October. Theron Scharffe of WTOS will be the new operator working under our Project Manager, Ken Schaut.

Priorities for this month

- Remove sprinkler heads - drain, clean, and store for winter season.
- Drain the irrigation lines in fields and store for winter season.
- Remove aerators from ponds and winterize.
- Prepare snow blower for winter use.
- Clean and store boat for winter months.
- Clean and prep mower for winter season.
- Collect 4th qtr. monitoring well samples and send to lab for analysis.

Theron Scharffe
Operations & Maintenance Specialist
Wade Trim Operations Services (WTOS)

cc: Ken Schaut, Senior Project Manager, WTOS
Project File