

Monthly Client Report for Higgins Lake Utility Authority

September 2017

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

From: Michael Stanaway, Operations & Maintenance Specialist
Wade Trim Operations Services (WTOS)

Date: October 2, 2017

Subject: Monthly Report for September 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	122,990	134,700	+11,710
8th-14th flow	83,510	64,085	-19,425
15th-21st flow	52,315	63,140	+10,825
22nd-31st flow	58,672	76,680	+18,008
Minimum Weekly flow	52,315	63,140	+10,825
Maximum Weekly flow	122,990	134,700	+11,710
Monthly influent total	317,487	338,600	+21,113

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	2,503,830	3,239,628	-735,798
September Totals	338,600	312,626	+25,974

Monitor Well Status

- Quarterly and annual monitoring well sampling was reported for August 2017.
- Next Quarterly sampling will be performed in November.

Monthly E-one Activity Summary

- Wade Trim received 13 E-One service requests and responded as needed during the month of September. HLUA's spare pump status, 7 repaired and tested, 4 awaiting repairs.

Monthly Miss Dig Activity Summary

- Wade Trim responded to two (2) Miss Digs utility location requests, two (2) completed markings, zero (0) duplicate requests during the month of September. All requests were closed using the positive response system as required.

Strategic Planning

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

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-

- Emergency mower deck repairs were completed. Mower is back in service.
- Monthly and weekly inspections and required maintenance activities were completed.

Considerations

- Waiting on quotes for recirculation pump and hose to return water from effluent structure to pond 1.

Other Noteworthy Events or Activities

- DuBois Cooper has sent two (2) replacement motor assemblies. This has repaired one of the failed pumps and has left one (1) for HLUA stock.
- Hay has been harvested with a yield of 7.2 tons.

A handwritten signature in black ink, appearing to read 'Michael Stanaway'.

Michael Stanaway
Operations & Maintenance Specialist
Wade Trim Operations Services (WTOS)

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