

Monthly Client Report for Higgins Lake Utility Authority

May 2017

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

From: Michael Stanaway, Operations & Maintenance Specialist, Wade Trim Operations

Date: June 1, 2017

Subject: Monthly Report for May 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	70,700	54,800	-15,900
8th-14th flow	55,000	54,400	-600
15th-21st flow	65,800	51,900	-13,900
22nd-31st flow	177,500	166,100	-11,400
Minimum Weekly flow	55,000	51,900	-3,100
Maximum Weekly flow	177,500	166,100	-11,400
Monthly influent total	369,000	327,200	-41,800

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	520,830	1,354,840	-834,010
May Totals	327,200	1,098,082	-770,882

Monitor Well Status

- Next Quarterly monitoring well sampling is scheduled to be performed in August 2017.

Monthly E-one Activity Summary

- Wade Trim received 26 E-One service requests and responded as needed during the month of May. HLUA's spare pump status, 4 repaired and tested, 7 awaiting repair.

Monthly Miss Dig Activity Summary

- Wade Trim responded to four (4) Miss Digs utility location requests, four (4) completed markings, zero (0) duplicate request. All requests were closed using the positive response system as required.

Strategic Planning

- Replacement of two (2) failed E-One pumps. Both have motor winding damage and are too costly to repair. Quote sent to Mr. Tatro.

Maintenance

- All repairable E-One spare pumps made ready for anticipated busy Memorial weekend.
- Installation of effluent pump well level transducer is complete.

Cummins Backup Generator

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

Super Z Lawn Mower-

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

Considerations

- Replacement of Wade Trim E-One parts stock. Quote sent to Mr. Tatro. Plus, one duplex circuit board replaced May 30th.

Other Noteworthy Events or Activities

- On May 9th, I responded to a call from 125 State Legion Drive. The resident had contacted Consumers Energy concerning fluctuating power. They had found the cause to be the E-One lift station adjacent to his home. Failed motor winding had caused a short in the pump that was not enough to blow a breaker in the control panel, yet strong enough to dim the lights in his home.
- It was a busy Memorial Day weekend. Daily flow rates over 38,000 gallons.

Respectfully Submitted,



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

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