

# Monthly Client Report for Higgins Lake Utility Authority

**October 2016**

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

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

Date: October 31, 2016

Subject: Monthly Report for October 2016

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.

The discharge from the Authorities Wastewater Treatment Plant met all compliance requirements during the month of September 2016.

## Flow and Utility Statistics

Parameters	2015	2016	Difference
1st-7th flow	35,746	53,901	+18,155
8th-14th flow	42,833	46,062	+3,228
15th-21st flow	43,381	46,869	+4,036
22nd-31st flow	51,165	56,070	+4,905
Minimum Weekly flow	35,746	46,062	+10,316
Maximum Weekly flow	51,165	56,070	+4,036
Monthly influent total	173,125	202,902	+29,777

## W.W.T.F. Performance

Parameters	Influent	Effluent	Difference
2015 yearly totals	2,935,100	3,020,380	-85,280
2016 year to date totals	2,860,667	3,686,677	-826,010
Octobers Totals	202,902	842,030	-639,128

## Monitor Well Status

- Required Quarterly and Annual monitor well sampling was completed in August and submitted to the DEQ. This and all lab reports are on file at the W.W.T.F. and available upon request.
- Next Quarterly monitoring well sampling is scheduled to be performed in November 2016.

### Monthly E-one Activity Summary

- As of the date this report was prepared Wade Trim received 7 E-One service requests and responded as needed during the month of October. Any additional request will be reported in next month's report.

### Monthly Miss Dig Activity Summary

- As of the date this report was prepared Wade Trim responded to Four (4) Miss Digs utility location requests, Three (3) completed markings, 1 duplicate request. All requests were closed using the positive response system as required.

### Strategic Planning

- Out of scope repair of effluent pumps 2 & 3 is estimated at \$4000.00 (Pending approval)
- Efforts to obtain estimates / bids for replacement of effluent water level transducer are ongoing. Once received they will be presented to the board for consideration.

### Maintenance

- Annual plant valve exercising was completed (valves set for winter operation).
- Sprinkler heads removed and irrigation system drained for winter season.
- Lagoon aerators removed for the winter season (to prevent potential ice damage).
- Efforts to remove duckweed and algae will continue until lagoon surface freeze over.

### Cummins's Backup Generator Set-

- Manufacturer's recommended annual maintenance was completed.
- Monthly and weekly inspections and required maintenance activities were completed.

### Super Z Lawn Mower-

- Manufacturer's recommended annual maintenance was completed.
- Monthly and weekly inspections and required maintenance activities completed.
- Rear tires are scheduled to be replaced at the end of the mowing season.

### Considerations

- Snow Blower is being prepared for upcoming winter season.

### Other Noteworthy Events or Activities

- Meeting with Mr. John Hines (the HLUA contracted farmer) attended on October 7<sup>th</sup> proved to be very informative. Changes discussed to irrigation frequency will start in the spring of 2017 per Mr. Hines recommendation, to facilitate water frequencies that provide better yield of alfalfa throughout the irrigation season.
- Wade Trim is now responding to all aspects of miss dig services per the board's approval at their August meeting.

Respectfully Submitted,

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

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