

Monthly Client Report for Higgins Lake Utility Authority

November 2017

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

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

Date: December 1, 2017

Subject: Monthly Report for November 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 | 38,701 | 46,725 | + 8,024 |
| 8th-14th flow | 42,700 | 43,475 | +775 |
| 15th-21st flow | 34,101 | 57,416 | +23,315 |
| 22nd-31st flow | 40,797 | 49,346 | +8,549 |
| Minimum Weekly flow | 34,101 | 43,475 | +9,374 |
| Maximum Weekly flow | 42,700 | 57,416 | +14,716 |
| Monthly influent total | 158,202 | 196,962 | +38,760 |

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 | 3,166,566 | 3,426,386 | +259,820 |
| November Totals | 196,962 | 0 | -196,962 |

Monitor Well Status

- Wells were sampled in November

Monthly E-one Activity Summary

- There were no Eone call outs during the month of November

Monthly Miss Dig Activity Summary

- There were no miss digs during the month of November.

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 service the standby generator
- Two quotes have been provided to perform necessary repairs to standby generator

Other Noteworthy Events or Activities

- Aerators taken out of ponds and winterized
- Fields were drained and winterized
- Pond switched over to winter operation as required.

Priorities for this month

- Remove Sprinkler heads drain, clean, and store for winter season.
- Perform required standby generator load testing per board approval. Quotes for recommended work are attached for Board review.
- Continuation of repairing Eone pumps.
- Test snow blower for winter operation.

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

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