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## Monthly Client Report for Higgins Lake Utilities Authority September 2019

To provide the Higgins Lake Utilities Authority with a summary of our activities for the month, Operations Services has prepared this report for your use. 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 Authority maintained compliance with all regulated parameters for the previous month.

### FLOW AND UTILITY STATISTICS

Parameters	2018	2019	Difference
1st-7th Flow	127,600	107,500	-20,100
8th-14th Flow	60,500	57,100	-3,400
15th-21st Flow	59,400	67,700	+8,300
22nd-31st Flow	70,200	80,500	+10,300
Minimum Weekly Flow	59,400	57,100	-2,300
Maximum Weekly Flow	127,600	107,500	-20,100
Monthly Influent Total	317,700	312,800	-4,900

### 2019 IRRIGATION PERFORMANCE

Parameters	Influent	Effluent	Difference
2018 Year to Date Totals	3,323,313	1,840,089	+1,483,224
2019 Year to Date Totals	2,478,100	1,759,354	+718,746
August Totals	508,400	667,367	-158,967

### MONITOR WELL STATUS

- Monitor well results came back and were compliant.

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## MONTHLY E-ONE ACTIVITY SUMMARY

- Operations Services received 8 E-One service requests during September.
- There were 5 Miss Dig utility location requests during the month.

## STRATEGIC PLANNING

- The fields need to be reseeded, and set up with a farmer that will cut them at least twice a season. The fields still need to be cut this year.

## MAINTENANCE

- Weekly lagoon inspections completed.
- Aerators are in lagoons and working properly.
- Sprinkler heads were inspected weekly.
- Super Z lawn mower was returned from being serviced and it is working great.

### Cummins Backup Generator

- Monthly and weekly inspection and maintenance completed.

## CONSIDERATIONS

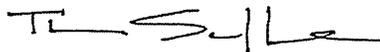
- We now have 8 working spare pumps with 2 catastrophic failures from July.
- Power loss means no use of the sewer facilities. This can lead to catastrophic failures in the pumps and control panels and can be quite expensive to fix.

## OTHER NOTEWORTHY EVENTS OR ACTIVITIES

- Fence repairs are ongoing. Just tree and limb removal this month.
- The power loss in July damaged two Duplex control boxes, one simplex control box, and damaged two pumps beyond repair.

If you have any questions regarding this report, please feel free to contact Operations Services at 989.217.3175

Wade Trim Operations Services, Inc.



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