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## Monthly Client Report for Higgins Lake Utilities Authority October 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	47,600	48,200	+600
8th-14th Flow	46,600	48,500	+1,900
15th-21st Flow	43,400	52,900	+9,500
22nd-31st Flow	46,900	85,600	+38,700
Minimum Weekly Flow	43,400	48,200	+4,800
Maximum Weekly Flow	47,600	85,600	+38,000
Monthly Influent Total	184,500	235,200	+50,700

### 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	2,713,300	1,759,354	+953,946
October Totals	235,200	0	-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 4 E-One service requests during October.
- There were 6 Miss Dig utility location requests during the month.

## STRATEGIC PLANNING

- The fields were not cut this year. They will need to be tilled and reseeded in the spring.

## MAINTENANCE

- Weekly lagoon inspections completed.
- Aerators are turned off and will be taken out of the ponds before they freeze.
- Sprinkler heads were taken in for the winter.
- 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

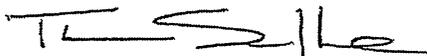
- We now have 8 working spare pumps with 2 catastrophic failures from July.
- Power loss means no use of the sewer facilities. This can lead to catastrophic failures in the pumps and control panels and can be quite expensive to fix.

## OTHER NOTEWORTHY EVENTS OR ACTIVITIES

- Fence repairs are ongoing. Just tree and limb removal this month.
- The facility has ben put into winter mode.

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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