

## Monthly Client Report for Higgins Lake Utilities Authority October 2021

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	2020	2021	Difference
1st-7th Flow	63,000	62,800	-200
8th-14th Flow	78,000	65,600	-12,400
15th-21st Flow	65,700	57,000	-8,700
22nd-29th Flow	85,600	64,400	-21,200
Minimum Weekly Flow	63,000	57,000	-6,000
Maximum Weekly Flow	86,500	65,600	-20,900
Monthly Influent Total	293,200	249,800	-43,400

### 2021 IRRIGATION PERFORMANCE

Parameters	Influent	Effluent	Difference
2020 Year to Date Totals	4,405,311	2,334,554	+2,070,757
2021 Year to Date Totals	3,360,650	2,898,251	+462,399
October Totals	249,800	684,975	-435,175

### MONITOR WELL STATUS

- Monitor wells are due in November.

## MONTHLY E-ONE ACTIVITY SUMMARY

- Operations Services received 1 E-One service request during October.
- 110 Bay City Legion Dr. Loose alarm light in control panel.
- There were 0 Miss Dig utility location requests during the month.

## STRATEGIC PLANNING

- 30 new pumps have been ordered to fill the needs of the duplexes affected by the brown out. However these will not be delivered until late December or January, Same with the three Duplex control panels.

## MAINTENANCE

- Weekly lagoon inspections completed.
- Aerators will be removed from the ponds in early November.
- Sprinkler heads will be removed and the fields will be purged of water in the lines in early November.
- Prepping the plant for winter shutdown.
- The facility has stopped discharging.
- The new discharge flow meters have been installed and calibrated.

### Cummins Backup Generator

- Monthly and weekly inspection and maintenance completed.
- Wasps are constantly in the generator housing.

## CONSIDERATIONS

- Small utility trailer for the removal of vegetation around the ponds.
- Send a letter explaining the brown out and the damage done.

## OTHER NOTEWORTHY EVENTS OR ACTIVITIES

- Fence repairs are ongoing. A few limbs were removed this month
- The field the farmer planted is coming in nice.

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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