

## Monthly Client Report for Higgins Lake Utilities Authority November 2020

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	2019	2020	Difference
1st-7th Flow	50,300	51,700	+1,400
8th-14th Flow	43,400	50,700	+7,300
15th-21st Flow	36,700	46,900	+10,200
22nd-29th Flow	55,700	62,700	+7,000
Minimum Weekly Flow	36,700	46,900	+10,200
Maximum Weekly Flow	55,700	62,700	+7,000
Monthly Influent Total	186,100	212,000	+25,900

### 2020 IRRIGATION PERFORMANCE

Parameters	Influent	Effluent	Difference
2019 Year to Date Totals	3,073,900	1,759,354	+1,314,546
2020 Year to Date Totals	4,228,911	2,334,554	+1,894,357
November Totals	212,000	0	+212,000

### MONITOR WELL STATUS

- Monitor well samples were taken in November.

## MONTHLY E-ONE ACTIVITY SUMMARY

- Operations Services received 5 E-One service requests during November.
- 110 Gratiot dr. DH325155in DH316999out, new stator and blue grommit.
- 108 Owosso Legion Dr. DH310434in DH307345out bad bearings catastrophic.
- 155 Legion Park Dr. DH310442 replaced stator and put back.
- 114 Owosso Legion Dr. DH310457in DH307534out. Wet EQD replaced with new EQD, new stator for pump.
- 107 St.Louis Legion Dr. Short in control panel.
- There were 4 Miss Dig utility location requests during the month.

## STRATEGIC PLANNING

- I have noticed a lot of the posts that the control panels are mounted to are rotting at the base, and will have to be replaced through next summer.

## MAINTENANCE

- Weekly lagoon inspections completed.
- The new aerator motor is here we will be installing in the spring.
- Field sprinklers were taken out and the system was drained in early November .
- Super Z lawn mower routine maintenance.
- The facility is in shutdown/winter mode.

### Cummins Backup Generator

- Monthly and weekly inspection and maintenance completed.

## CONSIDERATIONS

- We will have to consider new pumps in the spring.
- Three aerators are at the shop being rebuilt over the winter.
- New air filter for lift station.

## OTHER NOTEWORTHY EVENTS OR ACTIVITIES

- Fence repairs are ongoing. Whole tree and limb removal this month.
- The facility is not discharging at this time.

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

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