



Monthly Client Report for Higgins Lake Utilities Authority December 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	35,600	33,900	-1,700
8th-14th Flow	37,200	41,300	+4,100
15th-21st Flow	35,200	36,100	+900
22nd-31st Flow	65,500	63,200	-2,300
Minimum Weekly Flow	35,200	36,100	+900
Maximum Weekly Flow	65,500	63,200	-2,300
Monthly Influent Total	173,500	174,500	+1,000

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	3,073,900	1,759,354	+1,314,546
December Totals	174,500	0	+174,500

MONITOR WELL STATUS

- Monitor well samples will be taken again in February.

MONTHLY E-ONE ACTIVITY SUMMARY

- Operations Services received 1 E-One service requests during December.
- There were 3 Miss Dig utility location requests during the month.

STRATEGIC PLANNING

- The fields were not cut this year. We will have to find a Farmer who will cut the fields at least twice a year.

MAINTENANCE

- Weekly lagoon inspections completed.
- Aerators are out of the ponds and winterized.
- I've started to clean the sprinkler heads so they are ready for the spring install.
- Super Z lawn mower has been winterized for the season.

Cummins Backup Generator

- Monthly and weekly inspection and maintenance completed.

CONSIDERATIONS

- The only Eone call out was a catastrophic failure. We now have 7 working spare pumps.
- The camp will have to keep in mind purchasing 3 new pumps in the spring.

OTHER NOTEWORTHY EVENTS OR ACTIVITIES

- Fence repairs are ongoing. whole 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.

Theron Scharffe
Operator / 231-622-3362

Project Reference # HLU753418Y