

Monthly Client Report for Higgins Lake Utilities Authority February 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	36,600	32,300	-4,300
8th-14th Flow	29,200	34,200	+5,000
15th-21st Flow	50,700	41,100	-9,600
22nd-29th Flow	38,500	34,500	-4,000
Minimum Weekly Flow	29,200	32,300	+3,100
Maximum Weekly Flow	50,700	41,100	-9,600
Monthly Influent Total	155,000	142,100	-12,900

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	286,100	0	+286,100
February Totals	142,100	0	+144,000

MONITOR WELL STATUS

- Monitor well samples were taken in February.

MONTHLY E-ONE ACTIVITY SUMMARY

- Operations Services received 3 E-One service requests during February.
- 114 Mt. Pleasant Legion DH 317757 removed and replaced.
- 112 Lincoln Legion DH316280 and DH316642 removed and replaced. Frozen effluent pipe.
- 125 State station was in alarm and non-responsive removed and replaced.
- There was 1 Miss Dig utility location requests during the month.

STRATEGIC PLANNING

- I am thinking about getting an electric auto bailer for the monitor wells.

MAINTENANCE

- Weekly lagoon inspections completed. They are frozen.
- The new aerator motor is here we will be installing when the ponds thaw.
- Sprinkler heads are cleaned and ready to be installed as soon as the weather permits.
- Snowblower routine maintenance.
- The facility is in shutdown/winter mode.

Cummins Backup Generator

- Monthly and weekly inspection and maintenance completed.
- The drive belt broke and we were able to repair.

CONSIDERATIONS

- We will have to consider new pumps for some of the year-round residents in the spring.
- Three aerators are at the shop being rebuilt over the winter.

OTHER NOTEWORTHY EVENTS OR ACTIVITIES

- Fence repairs are ongoing.
- 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

Wade Trim Operations Services, Inc.

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