



Operations Services Inc.  
 10850 East Traverse Highway  
 Traverse City, MI 49684  
 989.217.3175  
[www.operationservices.com](http://www.operationservices.com)

## Monthly Client Report for Higgins Lake Utilities Authority June 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	77,500	64,600	-12,900
8th-14th Flow	85,800	75,200	-10,600
15th-21st Flow	100,200	92,500	-7,700
22nd-31st Flow	140,100	135,300	-4,800
Minimum Weekly Flow	77,500	64,600	-12,900
Maximum Weekly Flow	140,100	135,300	-4,800
Monthly Influent Total	403,600	367,600	-36,000

### 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	1,269,900	320,870	+949,030
June Totals	367,600	320,870	+46,730

### MONITOR WELL STATUS

- Quarterly monitor wells results were in compliance.

## MONTHLY E-ONE ACTIVITY SUMMARY

- Operations Services received 4 E-One service requests during June.
- There were 5 Miss Dig utility location requests during the month.

## STRATEGIC PLANNING

- The fields are ready for the first cut, The fields should be tilled and seeded in the next few years.

## MAINTENANCE

- Weekly lagoon inspections completed.
- Aerators are in lagoons and working properly.
- Sprinkler heads were inspected weekly.
- Super Z lawn mower had the belt replaced and blades are on order and will be replaced in July.

### Cummins Backup Generator

- Monthly and weekly inspection and maintenance completed.

## CONSIDERATIONS

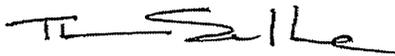
- One new Eone pump was purchased, and the new motors for the dead pumps are on their way.
- Power loss means no use of the sewer facilities.

## OTHER NOTEWORTHY EVENTS OR ACTIVITIES

- Fence repairs are ongoing. Mostly just limb removal this month.
- We began discharging in June.

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

Wade Trím Operations Services, Inc.



Theron Scharffe  
Operator / 231-622-3362

Project Reference # HLU753418Y