



Monthly Client Report for Higgins Lake Utilities Authority December 2023

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	2022	2023	Difference
1st-7th Flow	27,598	28,296	+698
8th-14th Flow	31,126	28,501	-2,625
15th-21st Flow	36,331	29,696	-6,635
22nd-31st Flow	49,280	51,222	+1,942
Minimum Weekly Flow	27,598	28,296	+698
Maximum Weekly Flow	49,280	51,222	+1,942
Monthly Influent Total	144,335	137,715	-6,620

2023 IRRIGATION PERFORMANCE

Parameters	Influent	Effluent	Difference
2022 Year to Date Totals	3,598,490	3,001,929	-596,561
2023 Year to Date Totals	3,435,520	3,527,457	+91,937
October Totals	137,715	0	-137,715

MONITOR WELL STATUS

- Q4 samples were collected in November (including the damaged well).

MONTHLY E-ONE ACTIVITY SUMMARY

1 E-One service requests for the month:

- 115 Castner legion – Riser Install

2 Miss Dig Service Requests:

- 112 Saint Johns
- 108 Alma Legion

STRATEGIC PLANNING

- Discharge permit still in preliminarily acceptance stage.
- Pump and parts order for spring

OPERATIONS & MAINTENANCE

- Station risers delivered. Installation ongoing.
- Control panel post replacement program ongoing
- Routine facility inspections completed.

CUMMINS BACK UP GENERATOR

- Monthly and weekly inspection and maintenance completed.

CONSIDERATIONS

- Field 1 was cut and reseeded with same crop. Need to plan for what gets planted in the spring.
- Damaged monitor well still needs to be addressed.

OTHER NOTEWORTHY EVENTS OR ACTIVITIES

- Fence repairs are ongoing.

If you have any questions regarding this report, please feel free to contact Operations Services at 866.737.8361

Operations Services, Inc.



Phillip Corkins II
Project Manager / 989-619-9196

Higgins Lake Utility Authority
 11371 Legion Camp Rd.
 Roscommon, MI 48653



December 2023

Wastewater Treatment Plant							Land Application	
D A Y	Influent	Effluent	Effluent Pumps				Field	Field
	Flow Meter	Flow Meter	Pump #1	Pump #2	Pump #3	Total	inches/day	inches/wk
	Gallons	Gallons	Hours	Hours	Hours	Hours	applied	applied
12/1	5,166	No				-	0.000	
12/2	5,166	Discharge				-	0.000	
12/3	5,166					-	0.000	
12/4	3,150					-	0.000	
12/5	3,150					-	0.000	
12/6	3,249					-	0.000	
12/7	3,249					-	0.000	0.000
12/8	4,167					-	0.000	
12/9	4,167					-	0.000	
12/10	4,167					-	0.000	
12/11	3,650					-	0.000	
12/12	3,650					-	0.000	
12/13	4,350					-	0.000	
12/14	4,350					-	0.000	0.000
12/15	4,266					-	0.000	
12/16	4,266					-	0.000	
12/17	4,266					-	0.000	
12/18	4,300					-	0.000	
12/19	4,300					-	0.000	
12/20	4,149					-	0.000	
12/21	4,149					-	0.000	0.000
12/22	4,149					-	0.000	
12/23	4,149					-	0.000	
12/24	4,149					-	0.000	
12/25	4,149					-	0.000	
12/26	4,767					-	0.000	
12/27	4,767					-	0.000	
12/28	4,767					-	0.000	0.000
12/29	6,775					-	0.000	
12/30	6,775					-	0.000	
12/31	6,775					-	0.000	0.000
Total	137,715	0	0.0	0.0	0.0	-	0.000	0.000
Maximum	6,775	0	0.0	0.0	0.0	-	0.000	0.000
Minimum	3,150	0	0.0	0.0	0.0	-	0.000	0.000
Average	4,442	0	0.0	0.0	0.0	-	0.000	0.000