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Monthly Client Report for Higgins Lake Utilities Authority June 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	59,100	90,450	+31,350
8th-14th Flow	76,998	82,851	+5,853
15th-21st Flow	93,300	106,551	+13,251
22nd-31st Flow	144,197	119,299	-24,898
Minimum Weekly Flow	59,100	82,851	+23,751
Maximum Weekly Flow	144,197	119,299	-24,898
Monthly Influent Total	373,995	423,751	+49,756

2022 IRRIGATION PERFORMANCE

Parameters	Influent	Effluent	Difference
2022 Year to Date Totals	1,309,373	1,195,890	+113,483
2023 Year to Date Totals	1,390,554	898,936	-492,158
June Totals	423,751	332,192	-91,559

MONITOR WELL STATUS

- Q2 samples were collected in May (including the damaged well).

MONTHLY E-ONE ACTIVITY SUMMARY

4 E-One service requests for the month:

- 114 Breckenridge
- 105 Caro Legion
- 174 Red Arrow
- 106 Red Arrow
- Installed 6 Station Risers

6 Miss Dig Service Requests:

- 106 Eagle Legion
- 104 Castner Legion
- 120 Castner Legion
- 119 Saginaw Legion
- 3310 Michigan Central
- 101 Mt. Pleasant

STRATEGIC PLANNING

- Discharge permit renewal was preliminarily accepted.

OPERATIONS & MAINTENANCE

- Still troubleshooting random lift station alarms.
- Installed 6 station risers.
- Annual generator maintenance was completed.
- Routine facility inspections completed.

CUMMINS BACK UP GENERATOR

- Monthly and weekly inspection and maintenance completed.

CONSIDERATIONS

- Field 1 is growing exceptionally well. Need to plan for what gets planted after harvest.
- 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.



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Higgins Lake Utility Authority
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June 2023

D A Y	Wastewater Treatment Plant						Land Application	
	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
6/1	16,450					-	0.000	
6/2	14,400					-	0.000	
6/3	14,400					-	0.000	
6/4	14,400					-	0.000	
6/5	10,450					-	0.000	
6/6	10,450					-	0.000	
6/7	9,900	83,324	1.00	1.00	1.00	3.00	0.205	0.205
6/8	9,900					-	0.000	
6/9	15,367					-	0.000	
6/10	15,367					-	0.000	
6/11	15,367					-	0.000	
6/12	8,200					-	0.000	
6/13	8,200					-	0.000	
6/14	10,450					-	0.000	0.000
6/15	10,450					-	0.000	
6/16	19,167					-	0.000	
6/17	19,167					-	0.000	
6/18	19,167					-	0.000	
6/19	11,550					-	0.000	
6/20	11,550					-	0.000	
6/21	15,500	82,193	1.00	1.00	1.00	3.00	0.202	0.202
6/22	15,500					-	0.000	
6/23	16,833	83,129	1.00	1.00	1.00	3.00	0.204	
6/24	16,833					-	0.000	
6/25	16,833					-	0.000	
6/26	12,450					-	0.000	
6/27	12,450					-	0.000	
6/28	14,200	83,546	1.00	1.00	1.00	3.00	0.205	0.409
6/29	14,200					-	0.000	
6/30	24,600					-	0.000	
Total	423,751	332,192	4.0	4.0	4.0	12.00	0.816	0.816
Maximum	24,600	83,546	1.0	1.0	1.0	3.00	0.205	0.409
Minimum	8,200	82,193	1.0	1.0	1.0	-	0.000	0.000
Average	14,125	83,048	1.0	1.0	1.0	0.40	0.027	0.204