

## Monthly Client Report for Higgins Lake Utilities Authority October 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	56,333	59,547	+3,214
8th-14th Flow	54,132	55,275	+1,143
15th-21st Flow	48,730	50,728	+1,998
22nd-31st Flow	42,398	62,926	+20,528
Minimum Weekly Flow	42,398	50,728	+8,330
Maximum Weekly Flow	56,333	62,926	+6,593
Monthly Influent Total	225,333	228,326	+2,993

### 2023 IRRIGATION PERFORMANCE

Parameters	Influent	Effluent	Difference
2022 Year to Date Totals	3,316,523	3,001,929	-314,594
2023 Year to Date Totals	3,153,812	3,527,457	+373,645
October Totals	228,386	473,404	+245,018

### MONITOR WELL STATUS

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

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## **MONTHLY E-ONE ACTIVITY SUMMARY**

### **0 E-One service requests for the month:**

#### **2 Miss Dig Service Requests:**

- 114 Saginaw
- 102 Park Legion

## **STRATEGIC PLANNING**

- Discharge permit renewal was preliminarily accepted.

## **OPERATIONS & MAINTENANCE**

- Station risers
- 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.



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October 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
10/1	12,033					-	0.000	
10/2	8,149	80,221	1.00	1.00	1.00	3.00	0.197	
10/3	8,149					-	0.000	
10/4	4,801	80,217	1.00	1.00	1.00	3.00	0.197	
10/5	8,775					-	0.000	
10/6	8,775					-	0.000	
10/7	8,775					-	0.000	0.394
10/8	8,775					-	0.000	
10/9	6,450					-	0.000	
10/10	6,450					-	0.000	
10/11	8,400	76,723	1.00	1.00	1.00	3.00	0.188	
10/12	8,400					-	0.000	
10/13	8,400					-	0.000	
10/14	8,400					-	0.000	0.188
10/15	8,400					-	0.000	
10/16	6,449	78,411	1.00	1.00	1.00	3.00	0.193	
10/17	6,449					-	0.000	
10/18	6,449					-	0.000	
10/19	6,449					-	0.000	
10/20	8,266	79,157	1.00	1.00	1.00	3.00	0.194	
10/21	8,266					-	0.000	0.387
10/22	8,266					-	0.000	
10/23	5,500	78,675	1.00	1.00	1.00	3.00	0.193	
10/24	5,500					-	0.000	
10/25	4,950					-	0.000	
10/26	4,950					-	0.000	
10/27	8,100					-	0.000	
10/28	8,100					-	0.000	0.193
10/29	8,100					-	0.000	
10/30	4,730					-	0.000	
10/31	4,730					-	0.000	0.000
Total	228,386	473,404	6.0	6.0	6.0	18.00	1.162	1.162
Maximum	12,033	80,221	1.0	1.0	1.0	3.00	0.197	0.394
Minimum	4,730	76,723	1.0	1.0	1.0	-	0.000	0.000
Average	7,367	78,901	1.0	1.0	1.0	0.58	0.037	0.232