

## Monthly Client Report for Higgins Lake Utilities Authority October 2022

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	2021	2022	Difference
1st-7th Flow	62,800	56,333	-6,467
8th-14th Flow	65,600	54,132	-11,468
15th-21st Flow	57,000	48,730	-8,270
22nd-31st Flow	64,400	42,398	-22,022
Minimum Weekly Flow	57,000	42,398	-14,602
Maximum Weekly Flow	65,600	56,333	-9,267
Monthly Influent Total	249,800	225,333	-24,467

### 2022 IRRIGATION PERFORMANCE

Parameters	Influent	Effluent	Difference
2021 Year to Date Totals	3,360,650	2,898,251	-462,399
2022 Year to Date Totals	3,316,523	3,001,929	-314,594
October Totals	225,353	194,517	-30,836

### MONITOR WELL STATUS

- Q4 samples will be collected in November.

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

- Operations Services received 4 E-One service requests for the month.
- 10815 W Higgins / Intermittent Alarm/ DH315957
- 104 Owosso / Excessive Odor / NA
- 10815 W Higgins / Constant Alarm / DH315957
- 121 Saginaw / Constant Alarm / DH325109 – DH317785
- 4 Miss Dig Service Requests

## **STRATEGIC PLANNING**

- Influent lift station maintenance in the fall to include solids/grit removal.
- Annual Influent & Effluent meters were calibrated. No issues noted.

## **OPERATIONS & MAINTENANCE**

- Cell's 1 & 2 crossover piping continues to perform well concerning solids infiltration post work.
- Irrigation pump station and fields have been shut down and winterized.
- Ongoing grounds maintenance.
- Routine facility inspections completed.

## **CUMMINS BACK UP GENERATOR**

- Monthly and weekly inspection and maintenance completed.
- Added Anti-freeze due to slightly low level.

## **CONSIDERATIONS**


- Field 1 was tilled and reseeded. Will follow up with farmer on details.

## **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 2022

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	9,900					-	0.000	
10/2	9,900					-	0.000	
10/3	6,750					-	0.000	
10/4	6,750					-	0.000	
10/5	6,399	61,573	1.01	1.01	1.01	3.03	0.151	
10/6	7,501	66,082	1.01	1.01	1.01	3.03	0.162	
10/7	9,133	66,862	1.01	1.01	1.01	3.03	0.164	0.478
10/8	9,133					-	0.000	
10/9	9,133					-	0.000	
10/10	6,700					-	0.000	
10/11	6,700					-	0.000	
10/12	7,000					-	0.000	
10/13	7,000					-	0.000	
10/14	8,466					-	0.000	0.000
10/15	8,466					-	0.000	
10/16	8,466					-	0.000	
10/17	5,800					-	0.000	
10/18	5,800					-	0.000	
10/19	5,649					-	0.000	
10/20	5,649					-	0.000	
10/21	8,900					-	0.000	0.000
10/22	8,900					-	0.000	
10/23	8,900					-	0.000	
10/24	6,000					-	0.000	
10/25	6,000					-	0.000	
10/26	6,299					-	0.000	
10/27	6,299					-	0.000	
10/28	5,940					-	0.000	0.000
10/29	5,940					-	0.000	
10/30	5,940					-	0.000	
10/31	5,940					-	0.000	0.000
Total	225,353	194,517	3.0	3.0	3.0	9.09	0.478	0.478
Maximum	9,900	66,862	1.0	1.0	1.0	3.03	0.164	0.478
Minimum	5,649	61,573	1.0	1.0	1.0	-	0.000	0.000
Average	7,269	64,839	1.0	1.0	1.0	0.29	0.015	0.096