

## Monthly Client Report for Higgins Lake Utilities Authority February 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	25,700	32,048	+6,348
8th-14th Flow	25,000	24,400	-600
15th-21st Flow	30,200	35,098	+4,898
22nd-31st Flow	30,300	31,898	+1,598
Minimum Weekly Flow	25,000	24,400	-600
Maximum Weekly Flow	30,300	35,098	+4,798
Monthly Influent Total	111,200	130,594	+19,394

### 2022 IRRIGATION PERFORMANCE

Parameters	Influent	Effluent	Difference
2022 Year to Date Totals	233,000	0	+233,300
2023 Year to Date Totals	266,684	0	+266,684
February Totals	130,594	0	+130,595

### MONITOR WELL STATUS

- Q1 samples were collected in February.

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

- 5 E-One service requests for the month.
- 102 Saginaw / Excessive Electrical Usage
- 112 Owosso Legion / Pump in Continual Run / DH235237
- 11045 W. Higgins Lake / Sewer Backup
- 11935 Military Rd / Intermittent Alarm / DH780734
- 159 Red Arrow Tr. / Station Usage Assessment for Generator Application
- 1 Miss Dig Service Requests

## **STRATEGIC PLANNING**

- Discharge permit expires December 2023. Requires application be submitted 6 months prior.
- Station riser installation ongoing.
- Influent lift station maintenance this winter/spring to include solids/grit removal.
- Influent & Effluent meters were calibrated (Annual). No issues noted.

## **OPERATIONS & MAINTENANCE**

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

## **CUMMINS BACK UP GENERATOR**

- Monthly and weekly inspection and maintenance completed.

## **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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February 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
2/1	3,700					-	0.000	
2/2	3,700					-	0.000	
2/3	5,633					-	0.000	
2/4	5,633					-	0.000	
2/5	5,633					-	0.000	
2/6	3,899					-	0.000	
2/7	3,850					-	0.000	0.000
2/8	3,850					-	0.000	
2/9	3,300					-	0.000	
2/10	4,880					-	0.000	
2/11	4,880					-	0.000	
2/12	4,880					-	0.000	
2/13	4,880					-	0.000	
2/14	4,880					-	0.000	0.000
2/15	3,700					-	0.000	
2/16	4,799					-	0.000	
2/17	6,033					-	0.000	
2/18	6,033					-	0.000	
2/19	6,033					-	0.000	
2/20	4,250					-	0.000	
2/21	4,250					-	0.000	0.000
2/22	4,750					-	0.000	
2/23	4,750					-	0.000	
2/24	5,166					-	0.000	
2/25	5,166					-	0.000	
2/26	5,166					-	0.000	
2/27	3,450					-	0.000	
2/28	3,450					-	0.000	0.000
						-	0.000	
						-	0.000	
						-	0.000	0.000
Total	130,594						0.000	0.000
Maximum	6,033						0.000	0.000
Minimum	3,300						0.000	0.000
Average	4,664						0.000	0.000