

Monthly Client Report for Higgins Lake Utilities Authority January 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	26,300	37,931	+11,631
8th-14th Flow	23,400	30,706	+7,306
15th-21st Flow	30,300	28,358	-1,942
22nd-31st Flow	41,800	39,095	-2,705
Minimum Weekly Flow	23,400	28,358	+4,958
Maximum Weekly Flow	41,800	39,095	-2,705
Monthly Influent Total	121,800	136,090	+14,290

2022 IRRIGATION PERFORMANCE

Parameters	Influent	Effluent	Difference
2022 Year to Date Totals	121,800	0	+121,800
2023 Year to Date Totals	136,090	0	+136,090
January Totals	136,090	0	+136,090

MONITOR WELL STATUS

- Q1 samples were collected in February.

MONTHLY E-ONE ACTIVITY SUMMARY

- 1 E-One service requests for the month.
- 11990 Military Rd / Replaced Both Pumps Due to Power Supply Issue
- 0 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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January 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
1/1	7,050					-	0.000	
1/2	7,050					-	0.000	
1/3	5,199					-	0.000	
1/4	3,850					-	0.000	
1/5	3,850					-	0.000	
1/6	5,466					-	0.000	
1/7	5,466					-	0.000	0.000
1/8	5,466					-	0.000	
1/9	4,100					-	0.000	
1/10	4,100					-	0.000	
1/11	4,260					-	0.000	
1/12	4,260					-	0.000	
1/13	4,260					-	0.000	
1/14	4,260					-	0.000	0.000
1/15	4,260					-	0.000	
1/16	3,625					-	0.000	
1/17	3,625					-	0.000	
1/18	3,625					-	0.000	
1/19	3,625					-	0.000	
1/20	4,799					-	0.000	
1/21	4,799					-	0.000	0.000
1/22	4,799					-	0.000	
1/23	3,450					-	0.000	
1/24	3,450					-	0.000	
1/25	2,850					-	0.000	
1/26	2,850					-	0.000	
1/27	4,766					-	0.000	
1/28	4,766					-	0.000	0.000
1/29	4,766					-	0.000	
1/30	3,699					-	0.000	
1/31	3,699					-	0.000	0.000
Total	136,090						0.000	0.000
Maximum	7,050						0.000	0.000
Minimum	2,850						0.000	0.000
Average	4,390						0.000	0.000