



Monthly Client Report for Higgins Lake Utilities Authority December 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	24,600	27,598	+2,998
8th-14th Flow	26,900	31,126	+4,226
15th-21st Flow	31,300	36,331	+5,031
22nd-31st Flow	49,600	49,280	-320
Minimum Weekly Flow	24,600	27,598	+2,998
Maximum Weekly Flow	49,600	49,280	-320
Monthly Influent Total	132,400	144,335	+11,935

2022 IRRIGATION PERFORMANCE

Parameters	Influent	Effluent	Difference
2021 Year to Date Totals	3,649,250	2,898,251	-750,999
2022 Year to Date Totals	3,598,490	3,001,929	-596,561
December Totals	144,335	0	+144,335

MONITOR WELL STATUS

- Q4 samples were collected in November.

MONTHLY E-ONE ACTIVITY SUMMARY

- 0 E-One service requests for the month.
- 0 Miss Dig Service Requests

STRATEGIC PLANNING

- Discharge permit expires December 2023. Requires application be submitted 6 months prior.
- Station riser installation to resume in January.
- 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 and fields have been 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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December 2022

Wastewater Treatment Plant							Land Application	
D A Y	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
12/1	3,050	No Discharge	0.00	0.00	0.00	-	0.000	
12/2	4,966					-	0.000	
12/3	4,966					-	0.000	
12/4	4,966					-	0.000	
12/5	3,200					-	0.000	
12/6	3,200					-	0.000	
12/7	3,250					-	0.000	0.000
12/8	3,250					-	0.000	
12/9	4,766					-	0.000	
12/10	4,766					-	0.000	
12/11	4,766					-	0.000	
12/12	3,849					-	0.000	
12/13	3,849					-	0.000	
12/14	5,880					-	0.000	0.000
12/15	5,880					-	0.000	
12/16	5,880					-	0.000	
12/17	5,880					-	0.000	
12/18	5,880					-	0.000	
12/19	4,450					-	0.000	
12/20	4,450					-	0.000	
12/21	3,916					-	0.000	0.000
12/22	3,916					-	0.000	
12/23	3,916					-	0.000	
12/24	3,916					-	0.000	
12/25	3,916					-	0.000	
12/26	3,916					-	0.000	
12/27	5,200					-	0.000	
12/28	5,200					-	0.000	0.000
12/29	5,200					-	0.000	
12/30	7,050					-	0.000	
12/31	7,050					-	0.000	0.000
Total	144,340	0	0.0	0.0	0.0	-	0.000	0.000
Maximum	7,050	0	0.0	0.0	0.0	-	0.000	0.000
Minimum	3,050	0	0.0	0.0	0.0	-	0.000	0.000
Average	4,656	0	0.0	0.0	0.0	-	0.000	0.000