



Operations Services Inc.
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Monthly Client Report for Higgins Lake Utilities Authority November 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	37,200	32,687	-4,513
8th-14th Flow	40,900	35,199	-5,701
15th-21st Flow	35,600	32,199	-3,401
22nd-31st Flow	42,500	37,550	-4,950
Minimum Weekly Flow	35,600	32,199	-3,401
Maximum Weekly Flow	42,500	37,550	-4,950
Monthly Influent Total	156,200	137,632	-18,568

2022 IRRIGATION PERFORMANCE

Parameters	Influent	Effluent	Difference
2021 Year to Date Totals	3,516,850	2,898,251	-618,599
2022 Year to Date Totals	3,454,155	3,001,929	-452,226
October Totals	137,632	0	+137,632

MONITOR WELL STATUS

- Q4 samples were collected in November.

MONTHLY E-ONE ACTIVITY SUMMARY

- Operations Services received 6 E-One service requests for the month.
- 10815 W Higgins / Installed Station Riser
- 111 Midland / Buried Tray Cable
- 111 Breckenridge / Replaced Contactor
- 11990 Military / Replaced Contactor
- 124 Lincoln / Replaced Contactor
- 108 Mt Pleasant / Station Inspection Post Plumbing Work
- 2 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.
- Oil Change & Fuel Treatment on Snow Blower
- 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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Higgins Lake Utility Authority
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November 2022

****No Discharge****

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
11/1	5,940						0.000	
11/2	4,300						0.000	
11/3	4,300						0.000	
11/4	4,599						0.000	
11/5	4,599						0.000	
11/6	4,599						0.000	
11/7	4,350						0.000	0.000
11/8	4,350						0.000	
11/9	4,650						0.000	
11/10	4,650						0.000	
11/11	7,233						0.000	
11/12	7,233						0.000	
11/13	7,233						0.000	
11/14	4,200						0.000	0.000
11/15	4,200						0.000	
11/16	4,200						0.000	
11/17	5,499						0.000	
11/18	4,900						0.000	
11/19	4,900						0.000	
11/20	4,900						0.000	
11/21	3,600						0.000	0.000
11/22	3,600						0.000	
11/23	4,920						0.000	
11/24	4,920						0.000	
11/25	4,920						0.000	
11/26	4,920						0.000	
11/27	4,920						0.000	
11/28	3,250						0.000	0.000
11/29	3,050						0.000	
11/30	3,050						0.000	
Total	141,985						0.000	0.000
Maximum	7,233						0.000	0.000
Minimum	3,050						0.000	0.000
Average	4,733						0.000	0.000