

Monthly Client Report for Higgins Lake Utilities Authority April 2024

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	2023	2024	Difference
1st-7th Flow	44,965	33,339	-11,626
8th-14th Flow	45,065	40,100	-4,965
15th-21st Flow	45,330	35,199	-10,131
22nd-30th Flow	56,832	48,599	-8,233
Minimum Weekly Flow	44,965	33,339	-11,626
Maximum Weekly Flow	56,832	48,599	-8,233
Monthly Influent Total	192,192	157,297	-34,895

2022 IRRIGATION PERFORMANCE

Parameters	Influent	Effluent	Difference
2022 Year to Date Totals	565,150	0	+565,150
2024 Year to Date Totals	578,050	236,600	-370,753
April Totals	237,297	236,600	-697

MONITOR WELL STATUS

- Q2 samples will be collected and submitted to SOS Analytical for analysis in May.

MONTHLY E-ONE ACTIVITY SUMMARY

7 E-One service events for the month:

- 102 Alma Legion – Replaced pump with new unit - DH771683
- Risers Installed at 119 State Street, 159 Red Arrow, 117 Shores Dr, 204 Poverty Legion, 106 Poverty Legion and 112 Red Arrow.

STRATEGIC PLANNING

- Discharge permit application in review state with EGLE.
- Annual Influent & Effluent meters scheduled for calibration in May.

OPERATIONS & MAINTENANCE

- Station riser installation ongoing
- Control panel post replacement ongoing.
- Routine facility inspections completed.
- New pumps received and moved to facility.

CUMMINS BACK UP GENERATOR

- Monthly and weekly inspection and maintenance completed.
- Will schedule annual PM

CONSIDERATIONS

- Reseeding of another field this year.

OTHER NOTEWORTHY EVENTS OR ACTIVITIES

- New employee continues to improve his grasp of operational requirements.

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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April 2024

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
4/1	3,550					-	0.000	
4/2	3,550					-	0.000	
4/3	5,300					-	0.000	
4/4	5,300					-	0.000	
4/5	5,233					-	0.000	
4/6	5,233					-	0.000	
4/7	5,233					-	0.000	0.000
4/8	3,800					-	0.000	
4/9	3,800					-	0.000	
4/10	4,000					-	0.000	
4/11	4,000					-	0.000	
4/12	8,166					-	0.000	
4/13	8,166					-	0.000	
4/14	8,168					-	0.000	0.000
4/15	3,850	74,551	1.00	1.00	1.00	3.00	0.183	
4/16	3,850					-	0.000	
4/17	5,300					-	0.000	
4/18	5,300					-	0.000	
4/19	5,633	80,271	1.00	1.00	1.00	3.00	0.197	
4/20	5,633					-	0.000	
4/21	5,633					-	0.000	0.380
4/22	4,650					-	0.000	
4/23	4,650					-	0.000	
4/24	4,450					-	0.000	
4/25	4,450					-	0.000	
4/26	6,633					-	0.000	
4/27	6,633					-	0.000	
4/28	6,633					-	0.000	0.000
4/29	5,250	81,778	1.00	1.00	1.00	3.00	0.201	
4/30	5,250					-	0.000	
Total	157,297	236,600	3.0	3.0	3.0	9.00	0.581	0.380
Maximum	8,168	81,778	1.0	1.0	1.0	3.00	0.201	0.380
Minimum	3,550	74,551	1.0	1.0	1.0	-	0.000	0.000
Average	5,243	78,867	1.0	1.0	1.0	0.30	0.019	0.095