

Monthly Client Report for Higgins Lake Utilities Authority July 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	202,000	242,566	+40,566
8th-14th Flow	162,400	133,863	-28,537
15th-21st Flow	133,350	126,064	-7,286
22nd-31st Flow	207,500	202,148	-5,352
Minimum Weekly Flow	133,350	126,064	-7,286
Maximum Weekly Flow	207,500	242,566	+35,066
Monthly Influent Total	705,250	679,173	-26,077

2022 IRRIGATION PERFORMANCE

Parameters	Influent	Effluent	Difference
2022 Year to Date Totals	2,015,863	1,436,483	-579,000
2023 Year to Date Totals	2,069,727	1,464,092	-605,635
July Totals	679,173	565,156	-114,017

MONITOR WELL STATUS

- Q3 samples will be collected in August (including the damaged well).

MONTHLY E-ONE ACTIVITY SUMMARY

6 E-One service requests for the month:

- 116 Chesaning Legion
- 167 Red Arrow Tr
- 108 Lincoln Park
- 120 Lincoln Park
- 102 Shores Tr
- 120 Lincoln Park (Post Replacement)

2 Miss Dig Service Requests:

- 119 Owosso Legion
- 11975 military Rd

STRATEGIC PLANNING

- Discharge permit renewal was preliminarily accepted.

OPERATIONS & MAINTENANCE

- Still troubleshooting random lift station alarms.
- Started Control Panel Replacement Program
- Routine facility inspections completed.

CUMMINS BACK UP GENERATOR

- Monthly and weekly inspection and maintenance completed.

CONSIDERATIONS


- Field 1 is growing exceptionally well. Need to plan for what gets planted after harvest.
- Damaged monitor well still needs to be addressed.

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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July 2023

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
7/1	40,450					-	0.000	
7/2	40,450					-	0.000	
7/3	41,149					-	0.000	
7/4	41,149					-	0.000	
7/5	26,950					-	0.000	
7/6	26,950					-	0.000	
7/7	25,466	81,513	1.00	1.00	1.00	3.00	0.200	0.200
7/8	25,466					-	0.000	
7/9	17,049					-	0.000	
7/10	17,049					-	0.000	
7/11	14,950					-	0.000	
7/12	14,950	80,416	1.00	1.00	1.00	3.00	0.197	
7/13	18,933					-	0.000	
7/14	18,933	81,338	1.00	1.00	1.00	3.00	0.200	0.397
7/15	18,933					-	0.000	
7/16	16,149					-	0.000	
7/17	16,149					-	0.000	
7/18	15,650					-	0.000	
7/19	15,650	80,129	1.00	1.00	1.00	3.00	0.197	
7/20	24,600					-	0.000	
7/21	24,600	82,044	1.00	1.00	1.00	3.00	0.201	0.398
7/22	24,600					-	0.000	
7/23	17,999					-	0.000	
7/24	17,999					-	0.000	
7/25	16,151					-	0.000	
7/26	16,151	80,776	1.00	1.00	1.00	3.00	0.198	
7/27	22,866					-	0.000	
7/28	22,866	78,940	1.00	1.00	1.00	3.00	0.194	0.392
7/29	22,866					-	0.000	
7/30	16,050					-	0.000	
Total	679,173	565,156	7.0	7.0	7.0	21.00	1.388	1.388
Maximum	41,149	82,044	1.0	1.0	1.0	3.00	0.201	0.398
Minimum	14,950	78,940	1.0	1.0	1.0	-	0.000	0.200
Average	22,639	80,737	1.0	1.0	1.0	0.70	0.046	0.347