

Monthly Client Report for Higgins Lake Utilities Authority August 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	127,901	132,999	+5,098
8th-14th Flow	118,118	121,200	+3,082
15th-21st Flow	133,799	109,148	-24,651
22nd-31st Flow	121,297	121,998	+691
Minimum Weekly Flow	118,118	109,148	-8,970
Maximum Weekly Flow	133,799	132,999	-800
Monthly Influent Total	501,095	485,345	-15,750

2022 IRRIGATION PERFORMANCE

Parameters	Influent	Effluent	Difference
2022 Year to Date Totals	2,516,958	1,947,034	-569,924
2023 Year to Date Totals	2,555,072	2,138,788	-416,284
July Totals	484,345	485,345	+1,000

MONITOR WELL STATUS

- Q3 Annual samples were collected in August (including the damaged well).

MONTHLY E-ONE ACTIVITY SUMMARY

6 E-One service requests for the month:

- 115 Castner Legion
- 120 Carson City
- 11045 W Higgins Lake
- 100 Park Legion
- 128 Shore trail
- 101 Carson City
- 154 Red Arrow

0 Miss Dig Service Requests

STRATEGIC PLANNING

- Discharge permit renewal was preliminarily accepted.

OPERATIONS & MAINTENANCE

- Random Lift Station Alarms Were Associated With a Faulty Hi Level Float
- Control Panel Post Replacement Program Ongoing
- Routine facility inspections completed.

CUMMINS BACK UP GENERATOR

- Monthly and weekly inspection and maintenance completed.

CONSIDERATIONS

- Field 1 was cut and reseeded with same crop. Need to plan for what gets planted in the spring.
- 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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August 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
8/1	16,050					-	0.000	
8/2	14,700	79,247	1.00	1.00	1.00	3.00	0.195	
8/3	14,700					-	0.000	
8/4	23,533	80,479	1.00	1.00	1.00	3.00	0.198	
8/5	23,533					-	0.000	
8/6	23,533					-	0.000	
8/7	16,950	78,627	1.00	1.00	1.00	3.00	0.193	0.585
8/8	16,950					-	0.000	
8/9	18,360	49,384	1.00	1.00	1.00	3.00	0.121	
8/10	18,360					-	0.000	
8/11	18,360					-	0.000	
8/12	18,360					-	0.000	
8/13	18,360					-	0.000	
8/14	12,450					-	0.000	0.121
8/15	12,450					-	0.000	
8/16	14,150	78,461	1.00	1.00	1.00	3.00	0.193	
8/17	14,150					-	0.000	
8/18	19,266	76,454				-	0.188	
8/19	19,266					-	0.000	
8/20	19,266					-	0.000	
8/21	10,600	77,917	1.00	1.00	1.00	3.00	0.191	0.572
8/22	10,600					-	0.000	
8/23	14,400					-	0.000	
8/24	14,400					-	0.000	
8/25	13,400	78,077	1.00	1.00	1.00	3.00	0.192	
8/26	13,400					-	0.000	
8/27	13,400					-	0.000	
8/28	11,349					-	0.000	0.192
8/29	11,349					-	0.000	
8/30	9,850	76,050	1.00	1.00	1.00	3.00	0.187	
8/31	9,850					-	0.000	0.187
Total	485,345	674,696	8.0	8.0	8.0	24.00	1.656	1.656
Maximum	23,533	80,479	1.0	1.0	1.0	3.00	0.198	0.585
Minimum	9,850	49,384	1.0	1.0	1.0	-	0.000	0.121
Average	15,656	74,966	1.0	1.0	1.0	0.77	0.053	0.331