

Monthly Client Report for Higgins Lake Utilities Authority May 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	55,558	61,810	+6,252
8th-14th Flow	65,472	60,089	-5,383
15th-21st Flow	55,841	63,876	+8,035
22nd-31st Flow	182,469	180,157	-2,312
Minimum Weekly Flow	55,588	60,089	+4,501
Maximum Weekly Flow	182,469	180,157	-2,312
Monthly Influent Total	370,628	365,932	-4,696

2022 IRRIGATION PERFORMANCE

Parameters	Influent	Effluent	Difference
2022 Year to Date Totals	935,778	338,179	-597,599
2023 Year to Date Totals	966,803	566,474	-400,329
May Totals	365,392	566,474	+192,192

MONITOR WELL STATUS

- Q2 samples were collected in May (including the damaged well).

MONTHLY E-ONE ACTIVITY SUMMARY

5 E-One service requests for the month:

- 114 Jay Legion
- 108 Poverty Lane
- 105 Poverty Lane
- 117 Red Arrow
- 104 Tri Post Legion

5 Miss Dig Service Requests:

- 110 Bay City
- 3208 Michigan Central
- 3704 Michigan Central
- 112 Red Arrow
- 114 Jay Legion

STRATEGIC PLANNING

- Discharge permit renewal was preliminarily accepted.
- Station riser installation ongoing.
- Pre-Discharge Sampling has been executed (results acceptable)

OPERATIONS & MAINTENANCE

- Still troubleshooting random lift station alarms.
- Annual generator maintenance was completed.
- Routine facility inspections completed.

CUMMINS BACK UP GENERATOR

- Monthly and weekly inspection and maintenance completed.

CONSIDERATIONS

- Field 1 was tilled and reseeded in the fall. Will follow up with farmer on details for overseeding this 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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May 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
5/1	6,800					-	0.000	
5/2	6,800					-	0.000	
5/3	6,800					-	0.000	
5/4	6,800					-	0.000	
5/5	11,536					-	0.000	
5/6	11,536					-	0.000	
5/7	11,538					-	0.000	0.000
5/8	6,029					-	0.000	
5/9	6,029					-	0.000	
5/10	6,031					-	0.000	
5/11	8,300	81,309	1.02	1.01	1.01	3.04	0.200	
5/12	8,301					-	0.000	
5/13	12,699	77,429	0.96	0.96	0.96	2.88	0.190	
5/14	12,700					-	0.000	0.390
5/15	6,700	80,591	1.00	1.00	1.00	3.00	0.198	
5/16	6,701					-	0.000	
5/17	7,050	82,307	1.00	1.00	1.00	3.00	0.202	
5/18	7,050					-	0.000	
5/19	12,125	82,355	1.00	1.00	1.00	3.00	0.202	
5/20	12,125					-	0.000	
5/21	12,125					-	0.000	0.602
5/22	12,125					-	0.000	
5/23	8,800					-	0.000	
5/24	11,450	84,319	1.20	1.20	1.20	3.60	0.207	
5/25	11,450					-	0.000	
5/26	28,600	78,164	1.00	1.00	1.00	3.00	0.192	
5/27	28,600					-	0.000	
5/28	28,600					-	0.000	0.399
5/29	28,600					-	0.000	
5/30	10,966					-	0.000	
5/31	10,966					-	0.000	0.000
Total	365,932	566,474	7.2	7.2	7.2	21.52	1.391	1.391
Maximum	28,600	84,319	1.2	1.2	1.2	3.60	0.207	0.602
Minimum	6,029	77,429	1.0	1.0	1.0	-	0.000	0.000
Average	11,804	80,925	1.0	1.0	1.0	0.69	0.045	0.278