

Monthly Client Report for Higgins Lake Utilities Authority August 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	143,300	127,901	-15,399
8th-14th Flow	139,800	118,118	-21,682
15th-21st Flow	114,700	133,799	+19,099
22nd-31st Flow	143,300	121,297	-22,003
Minimum Weekly Flow	114,700	118,118	+3,418
Maximum Weekly Flow	143,300	133,799	-9,501
Monthly Influent Total	541,100	501,095	-40,005

2022 IRRIGATION PERFORMANCE

Parameters	Influent	Effluent	Difference
2021 Year to Date Totals	2,686,450	1,468,154	-1,218,296
2022 Year to Date Totals	2,516,958	1,947,034	-569,924
August Totals	501,095	510,551	+9,456

MONITOR WELL STATUS

- Q3 samples (Annual) were collected and submitted to SOS Analytical for analysis.

MONTHLY E-ONE ACTIVITY SUMMARY

- Operations Services received 8 E-One service requests for the month.
- 111 Breckenridge / Intermittent Alarm / DH324609
- 107 Mt. Pleasant / Constant Alarm / DH771680
- 110 Saginaw Legion / Damaged Tracer Wire / Repaired
- 104 Poverty / Drain Backup / Not E-one Related
- 128 North Shore Tr. / One Time Alarm / Home backup / Not E-one Related
- 130 Legion Dr. / Constant Alarm / DH771672
- 108 Lincoln Park / Constant Alarm / No Serial Number
- 170 Red Arrow / Replaced control panel, post and repaired wires damaged by vehicle
- There were 6 Miss Dig utility location requests during the month.

STRATEGIC PLANNING

- Influent lift station in the fall to include solids/grit removal.
- Annual Influent & Effluent meters to be scheduled for calibration.

OPERATIONS & MAINTENANCE

- Cell's 1 & 2 crossover piping continues to perform well concerning solids infiltration post work.
- Ongoing grounds maintenance.
- Routine facility inspections completed.
- Sprinkler head performance has improved.

CUMMINS BACK UP GENERATOR

- Monthly and weekly inspection and maintenance completed.
- Added Anti-freeze due to slightly low level.

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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August 2022

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	14,450					-	0.000	
8/2	14,450	85,793	1.11	1.12	1.12	3.35	0.211	
8/3	14,450					-	0.000	
8/4	14,450					-	0.000	
8/5	23,367	96,954	1.27	1.27	1.27	3.81	0.238	
8/6	23,367					-	0.000	
8/7	23,367					-	0.000	0.449
8/8	13,599					-	0.000	
8/9	13,599					-	0.000	
8/10	15,250	78,389	1.04	1.04	1.04	3.12	0.192	
8/11	15,250					-	0.000	
8/12	20,140					-	0.000	
8/13	20,140					-	0.000	
8/14	20,140					-	0.000	0.192
8/15	20,140					-	0.000	
8/16	20,140					-	0.000	
8/17	17,000	73,394	0.99	1.00	1.00	2.99	0.180	
8/18	11,600					-	0.000	
8/19	21,633	75,961	1.04	1.04	1.04	3.12	0.186	
8/20	21,633					-	0.000	
8/21	21,633					-	0.000	0.367
8/22	9,850					-	0.000	
8/23	9,850					-	0.000	
8/24	9,100	100,060	1.38	1.38	1.38	4.14	0.246	
8/25	15,874					-	0.000	
8/26	15,874					-	0.000	
8/27	15,874					-	0.000	
8/28	15,874					-	0.000	0.246
8/29	9,667					-	0.000	
8/30	9,667					-	0.000	
8/31	9,667					-	0.000	0.000
Total	501,095	510,551	6.8	6.9	6.9	20.53	1.253	1.253
Maximum	23,367	100,060	1.4	1.4	1.4	4.14	0.246	0.449
Minimum	9,100	73,394	1.0	1.0	1.0	-	0.000	0.000
Average	16,164	85,092	1.1	1.1	1.1	0.66	0.040	0.251