



LEMOYNE MUNICIPAL AUTHORITY WASTEWATER REPORT

FEBRUARY 1, 2024

Dear Council / Authority Members:

- Reporting Month: **DECEMBER 2023**
- Effluent violations: **NO**
- Monthly EDMR submittal date: **JANUARY 9, 2024**
- Quarterly EDMR submittal date: **NOVEMBER 17, 2023**
- Annual EDMR submittal date: **NOVEMBER 6, 2023**

DECEMBER 2023 DATA SUMMARY

PARAMETER	MAX	MIN	AVERAGE	PERMIT LIMIT
FLOW (Gal.)	.714	.282	.367	N/A
CBOD5 (mg/l)	4.1	<2.0	<2.3	25 AVG / 50 MAX
TSS (mg/l)	4.8	<4.0	<4.2	30 AVG / 60 MAX
PHOSPHORUS (mg/l)	3.08	0.14	0.98	2.0 AVG / 4.0 INSTANT
AMMONIA (mg/l)	8.02	<0.1	<1.9	REPORT
FECAL COLIFORM (cfu)	700	1	11	200 GEO MEAN / 1,000 MAX
UV INTENSITY (uw/cm2)	351.3	101.8	190.7	REPORT
PH (S.U.)	7.99	7.22	N/A	6.0 TO 9.0
DISSOLVED OXYGEN (mg/l)	11.05	9.90	10.62	>5.0

BIOSOLIDS

# OF LOADS	WET TONS	DRY TONS	% SOLIDS RANGE
1	14.22	2.80	19.7

PA 1 CALLS

ROUTINE PA 1 CALLS	EMERGENCY PA 1 CALLS
24	2

ROUTINE MAINTENANCE / EVENTS

- Daily operations ongoing including inspections, cleaning, testing and chemical replenishment.
- Continue to implement NPDES (National Pollution Discharge Elimination System) permit.
- Sampling and Lab Analysis. Process control adjustments as required.
- Ongoing preventative maintenance.

NON-ROUTINE MAINTENANCE / EVENTS

- Semi-Annual calibrations completed by Control Systems 21- **OCTOBER 25, 2023**
- Annual Backflow testing at Northside Station- **SEPTEMBER 21, 2023**

COLLECTION SYSTEM

- Ongoing preventative maintenance of trouble spots. (solids, grit, grease, problem areas)

WWTP PERSONNEL INFO, CLASSES, ACCOMPLISHMENTS

- 2 of 3 plant personnel are Licensed Operators
- PA 1 Call recognized WWTP personnel for 100% response rate.
- Bob Oakes attended PSMA/NOS Training for Septic Inspection Certification.
- Kyle Janny took a Centrifugal Pump course.

PENDING ISSUES

- Grit system is not functioning properly due to being oversized. Not enough flow or velocity to work correctly.
- Second stage oxic tanks are not getting the amount of mixing needed since lowering the amount of air to the tanks to meet our nutrient requirements.
- Lowther Station- Barrasso scheduling pump install.

If you have any questions, require more information, or wish to comment on the above information, please feel free to contact me.

Respectfully,
Robert Oakes
Wastewater Superintendent