



LEMOYNE MUNICIPAL AUTHORITY WASTEWATER REPORT

MAY 2, 2024

Dear Council / Authority Members:

- Reporting Month: **MARCH 2024**
- Effluent violations: **NO**
- Monthly EDMR submittal date: **APRIL 18, 2024**
- Quarterly EDMR submittal date: **FEBRUARY 14, 2024**
- Annual EDMR submittal date: **NOVEMBER 6, 2023**

MARCH 2024 DATA SUMMARY

PARAMETER	MAX	MIN	AVERAGE	PERMIT LIMIT
FLOW (Gal.)	.519	.302	.369	N/A
CBOD5 (mg/l)	11.2	<2.0	<3.2	25 AVG / 50 MAX
TSS (mg/l)	<4.0	<4.0	<4.0	30 AVG / 60 MAX
PHOSPHORUS (mg/l)	0.35	0.27	0.31	2.0 AVG / 4.0 INSTANT
AMMONIA (mg/l)	2.38	<0.1	<0.41	REPORT
FECAL COLIFORM (cfu)	10	1	3	200 GEO MEAN / 1,000 MAX
UV INTENSITY (uw/cm2)	574.6	263.3	384.0	REPORT
PH (S.U.)	7.88	7.37	N/A	6.0 TO 9.0
DISSOLVED OXYGEN (mg/l)	11.03	10.04	10.41	>5.0

BIOSOLIDS

# OF LOADS	WET TONS	DRY TONS	% SOLIDS RANGE
2	28.05	5.6	19.5-20.4

PA 1 CALLS

ROUTINE PA 1 CALLS	EMERGENCY PA 1 CALLS
65	4

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- **APRIL 11, 2024**
- Annual Backflow testing at Northside Station- **SEPTEMBER 21, 2023**
- Lowther Station Pump install- Completed **FEBRUARY 26, 2024**

COLLECTION SYSTEM

- Ongoing preventative maintenance of trouble spots. (solids, grit, grease, problem areas).
- Farhat Excavating starting Sanitary Sewer Repairs **MARCH 25, 2024**
- Soliciting pricing for Sanitary Sewer Lining for 2024.

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 PELRAS training.
- Kyle Janny to attend Pump Repair class in April.
- Bob Oakes is taking a class on Pressure and its Measurements.

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.
- Would like to look into upgrading the Utility Water pumps and Screen.
- Emergency Generator Automatic Transfer Switch- Getting pricing for a replacement transfer switch.

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