

700 West Liberty Street | Louisville, KY 40203-1911 Phone: 502.540.6000 | LouisvilleMSD.org

October 18th, 2024

Crystal Dennis 300 Sower Blvd., 3rd Floor Frankfort, Kentucky 40601

RE: Lakewood STP, KPDES No: KY0039870

Discharge Monitoring Report for September 2024.

Dear Ms. Dennis:

Attached are the Discharge Monitoring Report (DMR) for the Lakewood STP, for the month September 2024.

There were two exceedances and no overflows or bypasses. One exceedance was for weekly max TSS. The weekly max was 87 mg/L with a permit limit of 45 mg/L. The other exceedance was monthly average TSS. The monthly average was 64 mg/L with a permit limit of 30 mg/L. We treated the lagoon for algae multiple times and towards the end of the month the numbers were falling to permitted range.

If you have any questions concerning the attached DMR's, please contact me at (502) 264-2804.

Sincerely,

Alex Smither Process Supervisor

CAS/LW 9/24

Cc: V. Teague, B. Tinnel

EPA may make all the information submitted through this form (including all attachments) available to the public without further notice to you. Do not use this online form to submit personal information (e.g., non-business cell phone number or non-business email address), confidential business information (CBI), or if you intend to assert a CBI claim on any of the submitted information. Pursuant to 40 CFR 2.203(a), EPA is providing you with notice that all CBI claims must be asserted at the time of submission. EPA cannot accommodate a late CBI claim to cover previously submitted information because efforts to protect the information are not administratively practicable since it may already be disclosed to the public. Although we do not foresee a need for persons to assert a claim of CBI based on the types of information requested in this form, if persons wish to assert a CBI claim we direct submitters to contact the <a href="https://www.npde.com/npack-need-to-the-number-or non-business email address)">non-business email address)</a>, confidential business information (e.g., non-business cell phone number or non

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 Permit

 Permit #:
 KY0039870
 Permittee:
 LaGrange Utilities Commission
 Facility:
 LAKEWOOD VALLEY SUBDIVISION WWTP

 Major:
 No
 Permittee Address:
 412 E Jefferson St Louisville, KY 40031
 Facility Location:
 3999 WAINO DR CRESTWOOD, KY 40014

Permitted Feature: 001 Discharge: 001-1
External Outfall Domestic Wastewater

Report Dates & Status

Monitoring Period: From 09/01/24 to 09/30/24 DMR Due Date: 10/28/24 Status: NetDMR Validated

**Considerations for Form Completion** 

Parrott

Principal Executive Officer

First Name: Tony Title: Executive Director Telephone: 502-540-6533

No Data Indicator (NODI)

**Last Name:** 

	Parameter	Monitoring Location	Season #	Param, NODI			Qu	antity or Load	ina					Quality or Cond	entration		# of	Ex. Frequency of Analysis	Sample Type
Code	Name					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	1 Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units		
					Sample						=	7.7					19 - mg/L	01/07 - Weekly	GR - GRAB
00300	Oxygen, dissolved [DO]	1 - Effluent Gross	0		Permit Req.						>=	7.0 INST MIN					19 - mg/L	01/07 - Weekly	GR - GRAB
					Value NODI														
	рН	1 - Effluent Gross	0		Sample						=	6.8			=	8.6	12 - SU	01/07 - Weekly	GR - GRAB
00400					Permit Req.						>=	6.0 MINIMUM			<=	9.0 MAXIMUM	12 - SU	01/07 - Weekly	GR - GRAB
					Value NODI														
<b>X</b> 00530	Solids, total suspended	1 - Effluent Gross	0		Sample								= 6	64.0	=	87.0	19 - mg/L	01/07 - Weekly	CP - COMPOS
					Permit Req.								<= 3	30.0 MO AVG	<=	45.0 MX WK AV	19 - mg/L	01/07 - Weekly	CP - COMPOS
					Value NODI														
					Sample								= 2	20.0	=	23.2	19 - mg/L	01/07 - Weekly	CP - COMPOS
00600	Nitrogen, total [as N]	1 - Effluent Gross	0		Permit Req.								F	Req Mon MO AVG		Req Mon DAILY MX	19 - mg/L	01/07 - Weekly	CP - COMPOS
					Value NODI														
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	1		Sample								= 0	).2	=	0.2	19 - mg/L	01/07 - Weekly	CP - COMPOS
					Permit Req.								<= 4	1.0 MO AVG	<=	6.0 DAILY MX	19 - mg/L	01/07 - Weekly	CP - COMPOS
					Value NODI														
00665	Phosphorus, total [as P]	1 - Effluent Gross	0		Sample								= 2	2.93	=	3.77	19 - mg/L	01/07 - Weekly	24 - COMP24
					Permit Req.								F	Req Mon MO AVG		Req Mon MX WK AV	19 - mg/L	01/07 - Weekly	24 - COMP24
					Value NODI														
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0		Sample	= (	0.063	= 0	.281	03 - MGD								01/07 - Weekly	IN - INSTAN
					Permit Req.	ı	Req Mon MO AVG	F	Req Mon DAILY MX	03 - MGD								01/07 - Weekly	IN - INSTAN
					Value NODI														
50060	Chlorine, total residual	1 - Effluent Gross	0		Sample								= 0	).01	=	0.01	19 - mg/L	01/07 - Weekly	GR - GRAB
					Permit Req.								<= 0	0.011 MO AVG	<=	0.019 DAILY MX	19 - mg/L	01/07 - Weekly	GR - GRAB
					Value NODI														
51040	E. coli	1 - Effluent Gross	0		Sample								= 1	1.0	=	1.0	13 - #/100mL	01/07 - Weekly	GR - GRAB
					Permit Req.								<= 1	130.0 30DA GEO	<=	240.0 7 DA GEO	13 - #/100mL	01/07 - Weekly	GR - GRAB
					Value NODI														
					Sample								= 9	9.0	=	10.0	19 - mg/L	01/07 - Weekly	CP - COMPOS
80082	BOD, carbonaceous [5 day, 20 C]	1 - Effluent Gross	0		Permit Req.								<= 1	10.0 MO AVG	<=	15.0 MX WK AV	19 - mg/L	01/07 - Weekly	CP - COMPOS

Value NODI

## **Submission Note**

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

## **Edit Check Errors**

Parameter		Monitoring Location	Field	Type	Description	Acknowledge
Code	Name	Monitoring Location	rielu		Description	
00530	Solids, total suspended	1 - Effluent Gross	Quality or Concentration Sample Value 2	Soft	The provided sample value is outside the permit limit. Please verify that the value you have provided is correct.	Yes
00530	Solids, total suspended	1 - Effluent Gross	Quality or Concentration Sample Value 3	Soft	The provided sample value is outside the permit limit. Please verify that the value you have provided is correct.	Yes

## Comments

## Attachments

Name Size

LAKEWOOD\_COVER\_9\_24.pdf 41230.0

Report Last Saved By

LaGrange Utilities Commission

User: ALEX.SMITHER@LOUISVILLEMSD.ORG

Name: Charles Smither

E-Mail: alex.smither@louisvillemsd.org

Date/Time: 2024-10-18 14:25 (Time Zone: -04:00)

Report Last Signed By

User: ALEX.SMITHER@LOUISVILLEMSD.ORG

Name: Charles Smither

E-Mail: alex.smither@louisvillemsd.org

Date/Time: 2024-10-18 14:26 (Time Zone: -04:00)