



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

March 18th, 2024

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

**RE: Lakewood STP, KPDES No: KY0039870  
Discharge Monitoring Report for February 2024.**

Dear Ms. Dennis:

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

There were no overflows or bypasses. There was one exceedance for ammonia monthly average 10.0 mg/L with a result of 12.0 mg/L. We have cleaned some sludge pockets out of the effluent lagoon which should help lower the results. The results are lower with field testing.

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

Sincerely,

Alex Smither  
Process Supervisor

CAS/LW 2/24

Cc: V. Teague, B. Tinnel

DMR Copy of Record

<b>Permit</b>					
Permit #:	KY0039870	Permittee:	Louisville and Jefferson County MSD	Facility:	LAKEWOOD VALLEY SUBDIVISION WWTP
Major:	No	Permittee Address:	700 W Liberty St Louisville, KY 40203	Facility Location:	3999 WAINO DR CRESTWOOD, KY 40014
Permitted Feature:	001 External Outfall	Discharge:	001-1 Domestic Wastewater		

<b>Report Dates &amp; Status</b>					
Monitoring Period:	From 02/01/24 to 02/29/24	DMR Due Date:	03/28/24	Status:	NetDMR Validated

Considerations for Form Completion

<b>Principal Executive Officer</b>					
First Name:	Tony	Title:	Executive Director	Telephone:	502-540-6533
Last Name:	Parrott				

No Data Indicator (NODI)  
Form NODI: --

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading					Quality or Concentration					# of Ex.	Frequency of Analysis	Sample Type							
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3				Value 3	Units					
00300	Oxygen, dissolved [DO]	1 - Effluent Gross	0	--	Sample					=	8.6					19 - mg/L	01/07 - Weekly	GR - GRAB						
					Permit Req.					>=	7.0 INST MIN					19 - mg/L	01/07 - Weekly	GR - GRAB						
					Value NODI																			
00400	pH	1 - Effluent Gross	0	--	Sample					=	7.5			=	8.0	12 - SU	01/07 - Weekly	GR - GRAB						
					Permit Req.					>=	6.0 MINIMUM			<=	9.0 MAXIMUM	12 - SU	01/07 - Weekly	GR - GRAB						
					Value NODI																			
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample							<	6.0	<	6.0	19 - mg/L	01/07 - Weekly	CP - COMPOS						
					Permit Req.						<=	30.0 MO AVG	<=	45.0 MX WK AV	19 - mg/L	01/07 - Weekly	CP - COMPOS							
					Value NODI																			
00600	Nitrogen, total [as N]	1 - Effluent Gross	0	--	Sample							=	14.5	=	16.9	19 - mg/L	01/07 - Weekly	CP - COMPOS						
					Permit Req.											Req Mon MO AVG	Req Mon DAILY MX	19 - mg/L	01/07 - Weekly	CP - COMPOS				
					Value NODI																			
X 00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	2	--	Sample							=	12.0	=	14.2	19 - mg/L	01/07 - Weekly	CP - COMPOS						
					Permit Req.						<=	10.0 MO AVG	<=	15.0 DAILY MX	19 - mg/L	01/07 - Weekly	CP - COMPOS							
					Value NODI																			
00665	Phosphorus, total [as P]	1 - Effluent Gross	0	--	Sample							=	2.99	=	3.63	19 - mg/L	01/07 - Weekly	24 - COMP24						
					Permit Req.												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	=	0.049	=	0.072								03 - MGD	01/07 - Weekly	IN - INSTAN					
					Permit Req.														Req Mon MO AVG	Req Mon DAILY MX	03 - MGD			
					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.														<=	0.011 MO AVG	<=	0.019 DAILY MX	19 - mg/L	
					Value NODI																			
51040	E. coli	1 - Effluent Gross	0	--	Sample							=	11.4724	=	39.0	13 - #/100mL	01/07 - Weekly	GR - GRAB						
					Permit Req.															<=	130.0 30DA GEO	<=	240.0 7 DA GEO	13 - #/100mL
					Value NODI																			
80082	BOD, carbonaceous [5 day, 20 C]	1 - Effluent Gross	0	--	Sample							=	7.0	=	7.0	19 - mg/L	01/07 - Weekly	CP - COMPOS						
					Permit Req.															<=	10.0 MO AVG	<=	15.0 MX WK AV	19 - mg/L
					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.

<b>Edit Check Errors</b>						
Code	Parameter Name	Monitoring Location	Field	Type	Description	Acknowledge
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	Quality or Concentration Sample Value 2	Soft	The provided sample value is outside the permit limit. <b>Please verify that the value you have provided is correct.</b>	Yes

**Comments**

Effluent lagoon had sludge pockets cleaned out. Should drop results for ammonia. Field testing confirms reduction.

**Attachments**

Name	Type	Size
LAKEWOOD_COVER_2_24.pdf	pdf	38930.0

**Report Last Saved By**

**Louisville and Jefferson County MSD**

User: ALEX.SMITHER@LOUISVILLEMSD.ORG  
Name: Charles Smither  
E-Mail: alex.smither@louisvillemmsd.org  
Date/Time: 2024-03-18 09:36 (Time Zone: -04:00)

**Report Last Signed By**

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