



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

November 22, 2023

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

**RE: Lakewood STP, KPDES No: KY0039870
Discharge Monitoring Report for October 2023.**

Dear Ms. Dennis:

Attached are the Discharge Monitoring Report (DMR) for the Lakewood STP, for the month October 2023.

There were no overflows or bypasses.

There were two exceedances. BOD monthly average limit of 10.0 with a result of 12.0 and a BOD maximum weekly average limit of 15.0 with a result of 22.0. We have since cleaned the contact tank. The last two weeks of October were in compliance.

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

Sincerely,

Alex Smither
Process Supervisor

Cc: V. Teague, B. Tinnel

DMR Copy of Record

Permit					
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		

Report Dates & Status					
Monitoring Period:	From 10/01/23 to 10/31/23	DMR Due Date:	11/28/23	Status:	NetDMR Validated

Considerations for Form Completion					
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Principal Executive Officer					
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					=	8.4					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					=	6.6			=	7.2	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							=	17.0	=	32.0	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							=	28.5	=	29.5	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																	
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.							<=	4.0 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							=	3.57	=	5.12	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	=	0.036	=	0.079								03 - MGD	01/07 - Weekly	IN - INSTAN			
					Permit Req.		Req Mon MO AVG		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.								<=	0.011 MO AVG	<=	0.019 DAILY MX	19 - mg/L	01/07 - Weekly	GR - GRAB			
					Value NODI																	
51040	E. coli	1 - Effluent Gross	0	--	Sample							<	2.0	=	5.0	13 - #/100mL	01/07 - Weekly	GR - GRAB				
					Permit Req.								<=	130.0 30DA GEO	<=	240.0 7 DA GEO	13 - #/100mL	01/07 - Weekly	GR - GRAB			
					Value NODI																	
X 80082	BOD, carbonaceous [5 day, 20 C]	1 - Effluent Gross	0	--	Sample							=	12.0	=	22.0	19 - mg/L	01/07 - Weekly	CP - COMPOS				
					Permit Req.								<=	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						
Code	Parameter Name	Monitoring Location	Field	Type	Description	Acknowledge
80082	BOD, carbonaceous [5 day, 20 C]	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
80082	BOD, carbonaceous [5 day, 20 C]	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

Comments

Attachments

Name	Type	Size
Lakewood_Cover_10_23.pdf	pdf	36835.0

Report Last Saved By

Louisville and Jefferson County MSD

User: ALEX.SMITHER@LOUISVILLEMSD.ORG
Name: Charles Smither
E-Mail: alex.smither@louisvillemsd.org
Date/Time: 2023-11-22 09:37 (Time Zone: -05:00)

Report Last Signed By

User: ALEX.SMITHER@LOUISVILLEMSD.ORG
Name: Charles Smither
E-Mail: alex.smither@louisvillemsd.org
Date/Time: 2023-11-22 09:38 (Time Zone: -05:00)