



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

August 17th, 2023

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

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

Dear Ms. Dennis:

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

There were no overflows, or bypasses.

There were two exceedances,
BOD monthly average 10.0mg/L. With a result of 13mg/L.
BOD Maximum weekly average 15mg/L. With a result 23.0 mg/L.

We Investigated the potential cause of the high BOD's. We had some unusual hot weather and had a tripped aerator in our polishing pond. We have fixed the aerator issue since.

If you have any questions concerning the attached DMR's, please contact me at (502)587-5858.

Sincerely,

Curt Otto
Process Supervisor

CEO/ AA 07/23.

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 07/01/23 to 07/31/23	DMR Due Date:	08/28/23	Status:	NetDMR Validated

Considerations for Form Completion

Principal Executive Officer					
First Name:	James	Title:	Executive Director	Telephone:	502-540-6000
Last Name:	Parrot				

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					=	7.6					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					=	7.48			=	8.45	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							=	18.0	=	36.0	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							=	12.8	=	13.7	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							=	2.31	=	3.32	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	=	0.06	=	0.12								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							<	0.011	<	0.011	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							=	2.4	=	17.0	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							=	13.0	=	23.0	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
LakewoodCover7_23.pdf	pdf	38722.0
Report Last Saved By		
<i>Louisville and Jefferson County MSD</i>		
User:	CURT.OTTO@LOUISVILLEMSD.ORG	
Name:	Curt Otto	
E-Mail:	curt.otto@louisvillemmsd.org	
Date/Time:	2023-08-17 14:39 (Time Zone: -04:00)	
Report Last Signed By		
User:	CURT.OTTO@LOUISVILLEMSD.ORG	
Name:	Curt Otto	
E-Mail:	curt.otto@louisvillemmsd.org	
Date/Time:	2023-08-17 14:58 (Time Zone: -04:00)	