



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

July 18, 2023,

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

**RE: Lockwood STP, KPDES No: KY0054674
Discharge Monitoring Report for June 2023.**

Dear Ms. Dennis:

Attached are the Discharge Monitoring Report (DMR) for the Lockwood STP, for the month June 2023.

There were two exceedances no bypasses or overflows.

We had two exceedances.

Nh3 Monthly average limit 4.0mg/L with a result of 4.7mg/L

Nh3 Daily Maximum limit 6.0mg/L with a result of 9.4mg/L

We are monitoring the polishing pond and plant. With the rain we had along with the high temperatures and at times needing the blowers off to keep solids. This has not helped us getting under limits this month.

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

Sincerely,

Curt Otto
Process Supervisor

CEO/ AA 06/23.

Cc: V. Teague, B. Tinnel

DMR Copy of Record

Permit		Permit #: KY0054674		Permittee: Louisville and Jefferson County MSD		Facility: LOCKWOOD ESTATES SUBDIVISION WWTP	
Major: No		Permittee Address: 700 W Liberty St Louisville, KY 40203		Facility Location: 3718 BARBARA ANN BLVD CRESTWOOD, KY 40014			
Permitted Feature: 001 External Outfall		Discharge: 001-1 Domestic Wastewater					

Report Dates & Status			
Monitoring Period: From 06/01/23 to 06/30/23	DMR Due Date: 07/28/23	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
00300	Oxygen, dissolved [DO]	1 - Effluent Gross	0	--	Sample					=	8.9					19 - mg/L	01/30 - Monthly	GR - GRAB
					Permit Req.					>=	7.0 MINIMUM					19 - mg/L	01/30 - Monthly	GR - GRAB
					Value NODI													
00400	pH	1 - Effluent Gross	0	--	Sample					=	7.34			=	7.34	12 - SU	01/30 - Monthly	GR - GRAB
					Permit Req.					>=	6.0 MINIMUM			<=	9.0 MAXIMUM	12 - SU	01/30 - Monthly	GR - GRAB
					Value NODI													
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample							=	9.0	=	9.0	19 - mg/L	01/30 - Monthly	CP - COMPOS
					Permit Req.						<=	30.0 MO AVG	<=	45.0 MX WK AV	19 - mg/L	01/30 - Monthly	CP - COMPOS	
					Value NODI													
00600	Nitrogen, total [as N]	1 - Effluent Gross	0	--	Sample							=	16.4	=	16.4	19 - mg/L	01/30 - Monthly	CP - COMPOS
					Permit Req.							Req Mon MO AVG		Req Mon DAILY MX	19 - mg/L	01/30 - Monthly	CP - COMPOS	
					Value NODI													
X 00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	1	--	Sample	=	0.047	=	0.235	26 - lb/d		=	4.7	=	9.4	19 - mg/L	01/30 - Monthly	CP - COMPOS
					Permit Req.	<=	1.5 MO AVG	<=	2.25 MX WK AV	26 - lb/d		<=	4.0 MO AVG	<=	6.0 DAILY MX	19 - mg/L	01/30 - Monthly	CP - COMPOS
					Value NODI													
00665	Phosphorus, total [as P]	1 - Effluent Gross	0	--	Sample							=	2.21	=	2.21	19 - mg/L	01/30 - Monthly	CP - COMPOS
					Permit Req.							Req Mon MO AVG		Req Mon DAILY MX	19 - mg/L	01/30 - Monthly	CP - COMPOS	
					Value NODI													
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	0.009	=	0.057	03 - MGD							01/30 - Monthly	IN - INSTAN
					Permit Req.		Req Mon MO AVG		Req Mon DAILY MX	03 - MGD							01/30 - Monthly	IN - INSTAN
					Value NODI													
50060	Chlorine, total residual	1 - Effluent Gross	0	--	Sample							<	0.01	<	0.01	19 - mg/L	01/30 - Monthly	GR - GRAB
					Permit Req.							<=	0.011 MO AVG	<=	0.019 DAILY MX	19 - mg/L	01/30 - Monthly	GR - GRAB
					Value NODI													
51040	E. coli	1 - Effluent Gross	0	--	Sample							=	39.15	=	39.15	13 - #/100mL	01/30 - Monthly	GR - GRAB
					Permit Req.							<=	130.0 30DA GEO	<=	240.0 7 DA GEO	13 - #/100mL	01/30 - Monthly	GR - GRAB
					Value NODI													
80082	BOD, carbonaceous [5 day, 20 C]	1 - Effluent Gross	0	--	Sample	=	0.07	=	0.35	26 - lb/d		=	7.0	=	7.0	19 - mg/L	01/30 - Monthly	CP - COMPOS
					Permit Req.	<=	9.38 MO AVG	<=	14.07 MX WK AV	26 - lb/d		<=	25.0 MO AVG	<=	37.5 MX WK AV	19 - mg/L	01/30 - Monthly	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
00610	Nitrogen, ammonia total [as N]	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
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. Please verify that the value you have provided is correct.	Yes

Comments		
Attachments		
Name	Type	Size
LockwoodCL.pdf	pdf	37980.0
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:	2023-07-19 10:28 (Time Zone: -04:00)	
Report Last Signed By		
User:	CURT.OTTO@LOUISVILLEMSD.ORG	
Name:	Curt Otto	
E-Mail:	curt.otto@louisvillemmsd.org	
Date/Time:	2023-07-19 10:37 (Time Zone: -04:00)	