



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

April 12th, 2023

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

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

Dear Ms. Dennis:

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

Also attached is the overflow report.

There were no exceedances or bypasses.

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

Sincerely,

Curt Otto
Process Supervisor

CEO/ AA 03/23.

Cc: V. Teague, B. Tinnel

DMR Copy of Record

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

Report Dates & Status			
Monitoring Period:	From 03/01/23 to 03/31/23	DMR Due Date:	04/28/23
Status:	NetDMR Validated		

Considerations for Form Completion

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

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						=	8.82					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						=	7.55					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							=	8.0				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							=	11.5				19 - mg/L	01/30 - Monthly	CP - COMPOS						
					Permit Req.																	19 - mg/L	01/30 - Monthly	CP - COMPOS	
					Value NODI																				
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	2	--	Sample	=	0.016	=	0.078	26 - lb/d							19 - mg/L	01/30 - Monthly	CP - COMPOS						
					Permit Req.	<=	3.75 MO AVG	<=	5.63 MX WK AV	26 - lb/d												19 - mg/L	01/30 - Monthly	CP - COMPOS	
					Value NODI																				
00665	Phosphorus, total [as P]	1 - Effluent Gross	0	--	Sample							=	1.37				19 - mg/L	01/30 - Monthly	CP - COMPOS						
					Permit Req.																	19 - mg/L	01/30 - Monthly	CP - COMPOS	
					Value NODI																				
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	0.028	=	0.175	03 - MGD								01/30 - Monthly	IN - INSTAN						
					Permit Req.																		03 - MGD	01/30 - Monthly	IN - INSTAN
					Value NODI																				
50060	Chlorine, total residual	1 - Effluent Gross	0	--	Sample												19 - mg/L	01/30 - Monthly	GR - GRAB						
					Permit Req.																	19 - mg/L	01/30 - Monthly	GR - GRAB	
					Value NODI																				
51040	E. coli	1 - Effluent Gross	0	--	Sample												13 - #/100mL	01/30 - Monthly	GR - GRAB						
					Permit Req.																	13 - #/100mL	01/30 - Monthly	GR - GRAB	
					Value NODI																				
80082	BOD, carbonaceous [5 day, 20 C]	1 - Effluent Gross	0	--	Sample	=	0.314	=	1.568	26 - lb/d							19 - mg/L	01/30 - Monthly	CP - COMPOS						
					Permit Req.	<=	9.38 MO AVG	<=	14.07 MX WK AV	26 - lb/d												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
No errors.

Comments

Attachments		
Name	Type	Size

LockwoodCover.pdf	pdf	32865.0
OverflowLockwood.pdf	pdf	46922.0

Report Last Saved By

Louisville and Jefferson County MSD

User: CURT.OTTO@LOUISVILLEMSD.ORG
Name: Curt Otto
E-Mail: curt.otto@louisvillemmsd.org
Date/Time: 2023-04-17 10:08 (Time Zone: -04:00)

Report Last Signed By

User: CURT.OTTO@LOUISVILLEMSD.ORG
Name: Curt Otto
E-Mail: curt.otto@louisvillemmsd.org
Date/Time: 2023-04-17 10:54 (Time Zone: -04:00)



**IMSAST0004
Overflow Report
3/1/2023 12:00:00 AM to 3/31/2023 12:00:00 AM**

KPDES #	Facility ID	Water Quality Treatment Center	Receiving Stream of Discharge	Region							
KY0054674	MSD0412	LOCKWOOD	SOUTH FORK CURRYS FORK	NA							
Facility Type	Facility ID	Facility Address	If Pump Station, Name of Station	Receiving Stream	Discharge To						
Sewer Treatment Plant	MSD0412	3716 BARBARA ANN BLVD	LOCKWOOD	SOUTH FORK CURRYS FORK	STREAM						
Activity Code / Description	WO #	Ref #	Initiated on	Initiated By	Assigned To	Dish Status	Event Date	Problem Desc	Result	Completed	Condition
DISREV:RAIN EVENT DISCHARGE	3622726		3/3/2023 9:27:00 PM	THOMPSON		REPAIRED - ISSUE RESOLVED	3/13/2023 12:00:00 AM	POWER OUTAGE (LG&E)	UNAUTHORIZED DISCHARGE-WATERS	03/13/23 09:37 AM	

Discharge Reporting:

Discharge Amount:	100,000 GAL
Cause:	POWER OUTAGE LG&E.
Clean Up:	CLEANUP NOT POSSIBLE DUE TO ELEVATED RIVER LEVEL.
Control Zone:	TAPE.
Impact:	NO IMPACT OBSERVED - FACILITY UNDER ELEVATED RIVER LEVEL.
Repair:	LG&E RESTORED POWER.
Public Notification:	ON SITE.