



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

June 23, 2025

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

**RE: Lockwood STP, KPDES No: KY0054674  
Discharge Monitoring Report for May 2025.**

Dear Ms. Dennis:

Attached are the Discharge Monitoring Report (DMR) for the Lockwood STP, for the month May 2025.

There were no exceedances, overflows or bypasses.

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

Sincerely,

Curt Otto  
Process Supervisor

CAS/LO 5/25.

Cc: V. Teague, B. Tinnel

	A	C	G	I	K	L	O	P	Q	R	V	Y	Z	AN	AP	AR	AT
1	"Ctrl+Shift+E" to export Lockwood WTP May-25																
2	Plant Effluent																
3	DATE	Flow	Effl. CBOD	Effl. TSS	Effl. NH3	<	Effl. T-Phos.	ECOLI MPN	Effl. pH	Effl. DO	Eff. TN	Eff. Total Res. Cl2	<	Effluent CBOD	Effluent TSS	Eff. NH3	Eff. Phos.
4		(MGD)	(mg/L)	(mg/L)	(mg/L)	>	(mg/L)	(Colonies)		(mg/L)	( mg/L)	(mg/L)	>	pounds	pounds	pounds	pounds
5	5/1/2025	0.027				<							<				
6	5/2/2025	0.038	10	3	0.2	<	1.04	16.00	7	8	9.32		<	0	0	0	0
7	5/3/2025	0.093				<							<				
8	5/4/2025	0.193				<							<				
9	5/5/2025	0.149				<							<				
10	5/6/2025	0.072				<							<				
11	5/7/2025	0.048				<							<				
12	5/8/2025	0.041				<							<				
13	5/9/2025	0.029				<							<				
14	5/10/2025	0.023				<							<				
15	5/11/2025	0.020				<							<				
16	5/12/2025	0.022				<							<				
17	5/13/2025	0.019				<							<				
18	5/14/2025	0.016				<							<				
19	5/15/2025	0.015				<							<				
20	5/16/2025	0.016				<							<				
21	5/17/2025	0.015				<							<				
22	5/18/2025	0.011				<							<				
23	5/19/2025	0.011				<							<				
24	5/20/2025	0.028				<							<				
25	5/21/2025	0.033				<							<				
26	5/22/2025	0.020				<							<				
27	5/23/2025	0.015				<							<				
28	5/24/2025	0.013				<							<				
29	5/25/2025	0.012				<							<				
30	5/26/2025	0.011				<							<				
31	5/27/2025	0.011				<							<				
32	5/28/2025	0.011				<							<				
33	5/29/2025	0.010				<							<				
34	5/30/2025	0.137				<							<				
35	5/31/2025	0.068				<							<				
36	TOTAL	1.226												0.00	0.00	0	0.00
37	AVERAGE*	0.040	10	3	0.20	<	1.04	16	7.0	8.0	9.32	0.000	<	0	0	0	0.0
38	MINIMUM	0.010	10	3	0.2	<	1.0	16	7.0	8	9.32	0.000	<	0	0	0	0.0
39	MAXIMUM	0.193	10	3	0.2	<	1.0	16	7.0	8.0	9.32	0.000	<	0	0	0	0.0
40	*For E. Coli: Calculation is for Geometric Mean (not Average).																
41	Max.Wk Avg	0.089	0	0	2.0		1.0	0			9			0	0	0	0.0
42	Exceed.	0	0	0	0		0	0	0	0				0	0	0	0
43	MxWkAvg																
44	Exceed		0	0	0		0	0	0					0	0	0	0
45	Mo Avg																
46	Exceed		0	0	0		0	0	0	0				0	0	0	0
47	Total KLBS Treated																
48	Summer Limits																

Month

	BD
1	
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3	<
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7	<
8	<
9	<
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11	<
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EPA may make all the information submitted through this form (including all attachments) available to the public without further notice to you. Do not use this online form to submit personal information (e.g., non-business cell phone number or non-business email address), confidential business information (CBI), or if you intend to assert a CBI claim on any of the submitted information. Pursuant to 40 CFR 2.203(a), EPA is providing you with notice that all CBI claims must be asserted at the time of submission. EPA cannot accommodate a late CBI claim to cover previously submitted information because efforts to protect the information are not administratively practicable since it may already be disclosed to the public. Although we do not foresee a need for persons to assert a claim of CBI based on the types of information requested in this form, if persons wish to assert a CBI claim we direct submitters to contact the [NPDES eReporting Help Desk](#) for further guidance. Please note that EPA may contact you after you submit this report for more information.

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Permit

Permit #:  
Major:

KY0054674  
No

Permittee:  
Permittee Address:

Louisville and Jefferson County MSD  
700 W Liberty St  
Louisville, KY 40203

Facility:  
Facility Location:

LOCKWOOD ESTATES SUBDIVISION WWTP  
3718 BARBARA ANN BLVD  
CRESTWOOD, KY 40014

Permitted Feature:

001  
External Outfall

Discharge:

001-1  
Domestic Wastewater

Report Dates & Status

Monitoring Period:

From 05/01/25 to 05/31/25

DMR Due Date:

06/28/25

Status:

NetDMR Validated

Considerations for Form Completion

Principal Executive Officer

First Name:  
Last Name:

James  
Parrott

Title:

Executive Director

Telephone:

502-540-6000

No Data Indicator (NODI)

Form NODI: --

Parameter		Monitoring Location	Season #	Param. NODI		Quantity or Loading					Quality or Concentration							# of Ex.	Frequency of Analysis	Sample Type
Code	Name					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						=	8.0					19 - mg/L	0	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						=	7.0			=	7.0	12 - SU	0	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								=	3.0	=	3.0	19 - mg/L	0	01/30 - Monthly	CP - Composite
					Permit Req.								<=	30.0 MO AVG	<=	45.0 MX WK AV	19 - mg/L		01/30 - Monthly	CP - Composite
					Value NODI															
00600	Nitrogen, total [as N]	1 - Effluent Gross	0	--	Sample								=	9.3	=	9.3	19 - mg/L	0	01/30 - Monthly	CP - Composite
					Permit Req.									Req Mon MO AVG		Req Mon DAILY MX	19 - mg/L		01/30 - Monthly	CP - Composite
					Value NODI															
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	1	--	Sample	=	0.063	=	0.063	26 - lb/d			=	0.2	=	0.2	19 - mg/L	0	01/30 - Monthly	CP - Composite
					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 - Composite
					Value NODI															
00665	Phosphorus, total [as P]	1 - Effluent Gross	0	--	Sample								=	1.04	=	1.04	19 - mg/L	0	01/30 - Monthly	CP - Composite
					Permit Req.									Req Mon MO AVG		Req Mon DAILY MX	19 - mg/L		01/30 - Monthly	CP - Composite
					Value NODI															
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	0.0395	=	0.01	03 - MGD								0	99/99 - Continuous	RC - Recorder (auto)
					Permit Req.		Req Mon MO AVG		Req Mon DAILY MX	03 - MGD									01/30 - Monthly	IN - Instantaneous
					Value NODI															
50060	Chlorine, total residual	1 - Effluent Gross	0	--	Sample								=	0.0	=	0.0	19 - mg/L	0	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								=	16.0	=	16.0	13 - #/100mL	0	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	=	3.17	=	3.17	26 - lb/d			=	10.0	=	10.0	19 - mg/L	0	01/30 - Monthly	CP - Composite
					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 - Composite

					Value NODI															
<b>Submission Note</b>																				
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>																				
No errors.																				
<b>Comments</b>																				
<b>Attachments</b>																				
															Name		Type		Size	
LOCKWOODLIMSPCSSPREADSHEET011323052025.pdf															pdf				107558.0	
LockwoodCL25.pdf															pdf				35090.0	
<b>Report Last Saved By</b>																				
<b>Louisville and Jefferson County MSD</b>																				
User:					CURT.OTTO@LOUISVILLEMSD.ORG															
Name:					Curt Otto															
E-Mail:					curt.otto@louisvillemSD.org															
Date/Time:					2025-06-24 08:47 (Time Zone: -04:00)															
<b>Report Last Signed By</b>																				
User:					CURT.OTTO@LOUISVILLEMSD.ORG															
Name:					Curt Otto															
E-Mail:					curt.otto@louisvillemSD.org															
Date/Time:					2025-06-24 08:56 (Time Zone: -04:00)															