

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

December 16th, 2024

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

RE: Lockwood STP, KPDES No: KY0054674

Discharge Monitoring Report for November 2024.

Dear Ms. Dennis:

Attached are the Discharge Monitoring Report (DMR) for the Lockwood STP, for the month November 2024.

There were no overflows or bypasses. We had one exceedance for 7-day weekly Geo for E. Coli with a permit limit of 240 mg/L and a result of 21450 mg/L. We had chemical pump issues that have been rectified. We passed monthly E. Coli for that fact.

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

Sincerely,

Alex Smither Process Supervisor

CAS/LO 11/24.

Cc: V. Teague, B. Tinnel

Form Approved OMB No. 2040-0004 expires on 07/31/2026 **DMR Copy of Record**

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.

This collection of information is approved by OMB under the Paperwork Reduction Act, 44 U.S.C. 3501 et seq. (OMB Control No. 2040-0004). Responses to this collection of information are mandatory in accordance with this permit and EPA NPDES regulations 40 CFR 122.41(I)(4)(i). An agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a currently valid OMB control number. The public reporting and recordkeeping burden for this collection of information are estimated to average 2 hours per outfall. Send comments on the Agency's need for this information, the accuracy of the provided burden estimates and any suggested methods for minimizing respondent burden to the Regulatory Support Division Director, U.S. Environmental Protection Agency (2821T), 1200 Pennsylvania Ave., NW, Washington, D.C. 20460. Include the OMB control number in any correspondence. Do not send the completed form to this address.

er	

Major:

Permit #: KY0054674 Permittee:

Permittee Address:

Discharge:

DMR Due Date:

Louisville and Jefferson County MSD

Facility: **Facility Location:** LOCKWOOD ESTATES SUBDIVISION WWTP

3718 BARBARA ANN BLVD

CRESTWOOD, KY 40014

Permitted Feature:

001 External Outfall

Parrott

No

001-1

Domestic Wastewater

700 W Liberty St

Louisville, KY 40203

Report Dates & Status

From 11/01/24 to 11/30/24 **Monitoring Period:**

12/28/24

Status:

NetDMR Validated

Principal Executive Officer

First Name: Tony

Considerations for Form Completion

Title:

Executive Director

Telephone:

502-540-6533

No Data Indicator (NODI)

Last Name:

Form NO	OI:																		
	Parameter	Monitoring Location	Season #	# Param. NODI			Qu	antity or Loa	ding					Quality or Conce	entration			# of Ex. Frequency of Analysis	Sample Type
Code	Name					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	2 Value 2	Qualifier 3	3 Value 3	Units		
					Sample						=	7.4					19 - mg/L	01/30 - Monthly	GR - GRAB
00300	Oxygen, dissolved [DO]	1 - Effluent Gross	0		Permit Req.						>=	7.0 MINIMUM	1				19 - mg/L	01/30 - Monthly	GR - GRAB
	,3. ,				Value NODI														
			0		Sample						=	7.6			=		12 - SU	01/30 - Monthly	GR - GRAB
00400	pH	1 - Effluent Gross			Permit Req.						>=	6.0 MINIMUM	1		<=	9.0 MAXIMUM	12 - SU	01/30 - Monthly	GR - GRAB
					Value NODI														
					Sample								<	6.0	<		19 - mg/L	01/30 - Monthly	CP - COMPOS
00530	Solids, total suspended	1 - Effluent Gross	0		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]				Sample								=	16.6	=	16.6	19 - mg/L	01/30 - Monthly	CP - COMPOS
		1 - Effluent Gross	0		Permit Req.									Req Mon MO AVG		Req Mon DAILY MX	19 - mg/L	01/30 - Monthly	CP - COMPOS
00000	ratiogen, total [as 14]	1 Emach Cross			Value NODI														
00610 N					Sample	=	0.01	=	0.01	26 - lb/d			<	0.2	<	0.2	19 - mg/L	01/30 - Monthly	CP - COMPOS
	Nitrogen, ammonia total [as N]	1 - Effluent Gross	2		Permit Req.	<=	3.75 MO AVG	<=	5.63 MX WK AV	26 - lb/d			<=	10.0 MO AVG	<=	15.0 DAILY MX	19 - mg/L	01/30 - Monthly	CP - COMPOS
	25,				Value NODI														
	Phosphorus, total [as P] 1 - E		0		Sample								=	3.76	=	3.76	19 - mg/L	01/30 - Monthly	CP - COMPOS
00665		1 - Effluent Gross			Permit Req.									Req Mon MO AVG		Req Mon DAILY MX	19 - mg/L	01/30 - Monthly	CP - COMPOS
00000	i nospiloras, total [as i]	1 Emident Gross			Value NODI														
					Sample	=	0.048	=	0.178	03 - MGD								01/30 - Monthly	IN - INSTAN
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0		Permit Req.		Req Mon MO AVG		Req Mon DAILY MX	03 - MGD								01/30 - Monthly	IN - INSTAN
00000	rion, in conduit of the disamont plant	1 Emaoni Grood			Value NODI													g/L 01/30 - Monthly C g/L 01/30 - Monthly II 01/30 - Monthly II 01/30 - Monthly II 01/30 - Monthly II	
					Sample								<	0.01	<	0.01	19 - mg/L	01/30 - Monthly	GR - GRAB
50060	Chlorine, total residual	1 - Effluent Gross	0		Permit Req.								<=	0.011 MO AVG	<=	0.019 DAILY MX	19 - mg/L	01/30 - Monthly	GR - GRAB
00000	omormo, total roolada.				Value NODI														
					Sample								=	87.0	=	21450.0	13 - #/100m	L 01/30 - Monthly	GR - GRAB
X 51040	F coli	1 - Effluent Gross	0		Permit Req.								<=	130.0 30DA GEO	<=	240.0 7 DA GEO	13 - #/100m	L 01/30 - Monthly	GR - GRAB
7 51040	2. 33	. Emach Cioos	Ü		Value NODI														
					Sample	=	0.45	=	0.45	26 - lb/d			=	9.0	=	9.0	19 - mg/L	01/30 - Monthly	CP - COMPOS
80082	BOD, carbonaceous [5 day, 20 C]	1 - Effluent Gross	0		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
00002	BOD, carbonaceous [5 day, 20 C]	1 3 Lilluelli GiUSS	U																

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** Parameter **Monitoring Location** Field Type Description Acknowledge Code Name 51040 E. coli 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 Comments **Attachments** Name Type Size LOCKWOOD_COVER_11_24.pdf pdf 40679.0 Report Last Saved By Louisville and Jefferson County MSD ALEX.SMITHER@LOUISVILLEMSD.ORG User: Name: Charles Smither E-Mail: alex.smither@louisvillemsd.org 2024-12-16 11:09 (Time Zone: -05:00) Date/Time: Report Last Signed By ALEX.SMITHER@LOUISVILLEMSD.ORG User: Name: Charles Smither E-Mail: alex.smither@louisvillemsd.org Date/Time: 2024-12-16 11:09 (Time Zone: -05:00)