

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

November 14, 2024

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

# RE: Willabrook STP, KPDES No: KY0094307 Discharge Monitoring Report for October 2024.

Dear Ms. Dennis:

Attached is the Discharge Monitoring Report (DMR) for the Willabrook STP, for the month. October 2024.

There were two exceedances for the month. E.coli weekly average. Sample result 590 mg/l permit limit is 240 mg/l. BOD weekly max sample result 19 mg/l permit limit is 15 mg/l These exceedances were due to heavy rain event the week before. Plant is back incompliance.

If you have any questions concerning the attached DMR's, please contact me at (502) 540-6717.

Sincerely,

Kh

Jon Baldridge Process Supervisor

JOB/ Willabrook 10/24.

Cc: V. Teague/B. Tinnell

## **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 <u>NPDES eReporting Help Desk</u> 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.

Permit																
Permit #:	И	KY0094307			P	ermittee:			Louisville a	and Jefferson Cou	unty MSD				Facility:	
Major:	М	Νο			P	ermittee Ad	dress:		700 W Libe Louisville,						Facility Location	on:
Permitted		)01 External Outfall			Di	ischarge:			<b>001-1</b> Domestic \	Nastewater						
Report Da	ates & Status				1											
Monitorin		From 10/01/24	to 10/31/24		D	MR Due Dat	e:		11/28/24						Status:	
Considera	ations for Form Completion															
	Executive Officer				1									1		
First Nam		James A.			Ti	tle:			Executive	Director					Telephone:	
Last Name		Parrott														
	ndicator (NODI)															
Form NO																
Code	Parameter		Monitoring Location	Season #	Param. NO	DI	Qualifier 1		Quantity or Loa Qualifier 2		Units	Qualifier	1 Value 1	Qualifier 2	Quality or Conce Value 2	entration Qualifier
0000	Runo					Sample	quantor	Value 1	di di linor 2	Value 2	onito	=	7.2	qualifier	Value 2	quainor
00300	Oxygen, dissolved [DO]		1 - Effluent Gross	0		Permit Req.						>=	7.0 INST MIN			
						Value NODI										
						Sample						=	6.7			=
00400	рН		1 - Effluent Gross	0		Permit Req.						>=	6.0 MINIMUM			<=
						Value NODI										
						Sample Permit Req.									21.0 30.0 MO AVG	= <=
00530	Solids, total suspended		1 - Effluent Gross	0		Value NODI										
						Sample	-							=	26.03	=
00600	Nitrogen, total [as N]		1 - Effluent Gross	0		Permit Req.									Req Mon MO AVG	
				-		Value NODI										
						Sample								=	0.3	=
00610	Nitrogen, ammonia total [as l	N]	1 - Effluent Gross	1		Permit Req.								<=	2.0 MO AVG	<=
						Value NODI										
						Sample								=	4.23	=
00665	Phosphorus, total [as P]		1 - Effluent Gross	0		Permit Req.									Req Mon MO AVG	
						Value NODI		0.226	=	0.787	03 - MGD					
50050	Flow in conduit or thru troot	mont plant	1 - Effluent Gross	0		Sample Permit Req.		Req Mon MO A		Req Mon DAILY MX						
50050	Flow, in conduit of thru treat	Flow, in conduit or thru treatment plant 1 - Effluer	I - Ellident Gloss	0		Value NODI										
						Sample	-							<	0.01	<
50060	Chlorine, total residual		1 - Effluent Gross	0		Permit Req.								<=	0.011 MO AVG	<=
						Value NODI										
					Sample									18.0	=	
<b>X</b> 51040	E. coli		1 - Effluent Gross	0		Permit Req.								<=	130.0 30DA GEO	<=
						Value NODI	_									
						Sample Permit Req.									9.0 10.0 MO AVG	= <=
X 80082	BOD, carbonaceous [5 day, 2	20 C]	1 - Effluent Gross	0		. on increased										-

BCSD WILLABROOK SANITATION
I 65 & BROOKS RD
SHEPHERDSVILLE, KY 40109
NetDMR Validated
500 540 0000
502-540-6000

			# of Ex.	Frequency of Analysis	Sample Type
3	Value 3	Units			
		19 - mg/L		01/07 - Weekly	GR - GRAB
		19 - mg/L	0	01/07 - Weekly	GR - GRAB
	7.5	12 - SU		01/07 - Weekly	GR - GRAB
	9.0 MAXIMUM	12 - SU	0	01/07 - Weekly	GR - GRAB
			0		
	38.0	19 - mg/L		01/07 - Weekly	CP - COMPOS
	45.0 MX WK AV	19 - mg/L	0	01/07 - Weekly	CP - COMPOS
			0		
	29.9	19 - mg/L		01/07 - Weekly	CP - COMPOS
	Req Mon DAILY MX	19 - mg/L	0	01/07 - Weekly	CP - COMPOS
			0		
	0.5	19 - mg/L		01/07 - Weekly	CP - COMPOS
	3.0 DAILY MX	19 - mg/L	0	01/07 - Weekly	CP - COMPOS
			0		
	5.53	19 - mg/L		01/07 - Weekly	CP - COMPOS
	Req Mon DAILY MX	19 - mg/L	0	01/07 - Weekly	CP - COMPOS
			Ū		
				99/99 - Continuous	RC - Recorder (auto)
			0	99/99 - Continuous	RC - Recorder (auto)
			U		
	0.01	19 - mg/L		01/07 - Weekly	GR - GRAB
	0.019 DAILY MX	19 - mg/L	0	01/07 - Weekly	GR - GRAB
			Ū		
	590.0	13 - #/100mL		01/07 - Weekly	GR - GRAB
	240.0 7 DA GEO	13 - #/100mL	1	01/07 - Weekly	GR - GRAB
	19.0	19 - mg/L		01/07 - Weekly	CP - COMPOS
	15.0 MX WK AV	19 - mg/L	4	01/07 - Weekly	CP - COMPOS
			1		

		Va	alue NODI					
 AL						1		ſ

### 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 Looption	Field	Turne	Description
Code	Name	Monitoring Location	Field	Туре	Description
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 p
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 p

## Comments

### Attachments

	Name	Туре
Willabrookcoverletter.pdf		pdf
Report Last Saved By		
Louisville and Jefferson County MSD		
User:	JON.BALDRIDGE@LOUISVILLEMSD.ORG	
Name:	Jonathan Baldridge	
E-Mail:	jon.baldridge@louisvillemsd.org	
Date/Time:	2024-11-14 10:29 (Time Zone: -05:00)	
Report Last Signed By		
User:	JON.BALDRIDGE@LOUISVILLEMSD.ORG	
Name:	Jonathan Baldridge	
E-Mail:	jon.baldridge@louisvillemsd.org	
Date/Time:	2024-11-14 10:55 (Time Zone: -05:00)	

				Acknowledge
				-
ave pr	rovided is correct.			Yes
ave pr	rovided is correct.			Yes
			Size	
	193105.0			