

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

July 19, 2024

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

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

Dear Ms. Dennis:

Attached are the Discharge Monitoring Report (DMR) for the Willabrook STP, for the month. June 2024.

There were no bypasses, to report.

There was one exceedance for June. Nitrogen, Ammonia Total Daily Max permit limit is 3.0 mg/l sample result was 3.3 mg/l. The exceedance was due to a return line that kept clogging. MSD operations staff worked with Maintenance to drain and repair return line.

Please see the attached discharge report.

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

Sincerely,

16h

Jon Baldridge Process Supervisor

JOB/ Willabrook 6/24.

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 #:	ĸ	(Y0094307			Pe	ermittee:			Louisville a	and Jefferson Cou	inty MSD				Facility:	
Major:	Ν	10			Pe	ermittee Ado	dress:		700 W Lib Louisville,						Facility Location	on:
Permitted		01 External Outfall	I		Di	scharge:			001-1 Domestic	Wastewater						
Report Da	ates & Status				1											
Monitorin		From 06/01/24	to 06/30/24		D	IR Due Dat	e:		07/28/24						Status:	
Consider	ations for Form Completion															
Principal	Executive Officer															
First Nam	le: J	ames A.			Tit	tle:			Executive	Director					Telephone:	
Last Nam	e: F	Parrott														
No Data I	ndicator (NODI)															
Form NO	DI:	-														
Code	Parameter		Monitoring Location	Season #	Param. NOD	1	Qualifier 1	Value 1	Quantity or Loa Qualifier 2	-	Unite	Qualifier	1 Value 1	Qualifier 2	Quality or Conce Value 2	entration Qualifier
Code	Name					Sample	Quaimer i	value i	Qualifier 2	value z	Units	=	7.1	Quaimer 2	Value 2	Quaimer
00300	Oxygen, dissolved [DO]		1 - Effluent Gross	0		Permit Req.						>=	7.0 INST MIN			
						Value NODI										
						Sample						=	6.8			=
00400	рН		1 - Effluent Gross	0		Permit Req.						>=	6.0 MINIMUM			<=
						Value NODI										
						Sample Permit Req.									6.0 30.0 MO AVG	<
00530	Solids, total suspended		1 - Effluent Gross	0		Value NODI										
						Sample								=	13.85	=
00600	Nitrogen, total [as N]		1 - Effluent Gross	0		Permit Req.									Req Mon MO AVG	
						Value NODI										
						Sample								=	1.7	=
X 00610	Nitrogen, ammonia total [as N]		1 - Effluent Gross	1		Permit Req.								<=	2.0 MO AVG	<=
						Value NODI										
	Phosphorus, total [as P]		1 - Effluent Gross	0		Sample Permit Req.									2.0 Req Mon MO AVG	=
00665						Value NODI										
						Sample		0.082	=	0.131	03 - MGD	1				
50050	Flow, in conduit or thru treat	ment plant	Int 1 - Effluent Gross	0		Permit Req.		Req Mon MO A		Req Mon DAILY MX						
	now, in conduct of this treatment plan					Value NODI										
	Chlorine, total residual					Sample								<	0.01	<
50060		1 - Effluent Gross	0		Permit Req.								<=	0.011 MO AVG	<=	
						Value NODI										
		1 - Effluent Gross	0		Sample									2.0	=	
51040	E. coli				Permit Req. Value NODI								<=	130.0 30DA GEO	<=	
														_	5.0	=
00000		0	1 540-000			Sample Permit Req.									5.0 10.0 MO AVG	= <=
80082	BOD, carbonaceous [5 day, 2	20 C]	1 - Effluent Gross	0												

BCSD WILLABROOK SANITATION I 65 & BROOKS RD SHEPHERDSVILLE, KY 40109
NetDMR Validated
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
	6.8	12 - SU		01/07 - Weekly	GR - GRAB
	9.0 MAXIMUM	12 - SU	0	01/07 - Weekly	GR - GRAB
			Ū		
	6.0	19 - mg/L		01/07 - Weekly	CP - COMPOS
	45.0 MX WK AV	19 - mg/L	0	01/07 - Weekly	CP - COMPOS
			0		
	21.2	19 - mg/L		01/07 - Weekly	CP - COMPOS
	Req Mon DAILY MX	19 - mg/L	0	01/07 - Weekly	CP - COMPOS
			0		
	3.3	19 - mg/L		01/07 - Weekly	CP - COMPOS
	3.0 DAILY MX	19 - mg/L	1	01/07 - Weekly	CP - COMPOS
	4.97	19 - mg/L		01/07 - Weekly	CP - COMPOS
	Req Mon DAILY MX	19 - mg/L	0	01/07 - Weekly	CP - COMPOS
			U		
				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
			U		
	9.0	13 - #/100mL		01/07 - Weekly	GR - GRAB
	240.0 7 DA GEO	13 - #/100mL	0	01/07 - Weekly	GR - GRAB
			5		
	7.0	19 - mg/L		01/07 - Weekly	CP - COMPOS
	15.0 MX WK AV	19 - mg/L	0	01/07 - Weekly	CP - COMPOS
		_	0	_	

		Value NODI								
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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		Description	
Code	Name	Monitoring Location			Description	
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 pro	
Comme	nts					

Attachments

	Name	Туре
Willabrookcoverletter.docx		docx
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:	2024-07-19 08:52 (Time Zone: -04:00)	
Report Last Signed By		
User:	JON.BALDRIDGE@LOUISVILLEMSD.ORG	
Name:	Jonathan Baldridge	
E-Mail:	jon.baldridge@louisvillemsd.org	
Date/Time:	2024-07-19 10:21 (Time Zone: -04:00)	

