



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

September 17, 2023

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

**RE: Willabrook STP, KPDES No: KY0094307  
Discharge Monitoring Report for August 2023.**

Dear Ms. Dennis:

Attached are the Discharge Monitoring Report (DMR) for the Willabrook STP, for the month August 2023.

There were no overflows, overflow or exceedances to report.

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

Sincerely,

Kevin Thompson  
Process Supervisor

JSS/ Willabrook 08/23.

Cc: V. Teague/B. Tinnell

DMR Copy of Record

<b>Permit</b>			
Permit #:	KY0094307	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:		Facility Location:	BCSD WILLABROOK SANITATION I 65 & BROOKS RD SHEPHERDSVILLE, KY 40109

<b>Report Dates &amp; Status</b>			
Monitoring Period:	From 08/01/23 to 08/31/23	DMR Due Date:	09/28/23
Status:	NetDMR Validated		

Considerations for Form Completion

<b>Principal Executive Officer</b>			
First Name:	James A.	Title:	Executive Director
Last Name:	Parrott	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						=	8.12					19 - mg/L	0	01/07 - Weekly	GR - GRAB	
					Permit Req.					>=	7.0 INST MIN					19 - mg/L	01/07 - Weekly		GR - GRAB		
					Value NODI																
00400	pH	1 - Effluent Gross	0	--	Sample						=	6.56			=	7.07	12 - SU	0	01/07 - Weekly	GR - GRAB	
					Permit Req.					>=	6.0 MINIMUM			<=	9.0 MAXIMUM	12 - SU	01/07 - Weekly		GR - GRAB		
					Value NODI																
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample						=	10.0			=	18.0	19 - mg/L	0	01/07 - Weekly	CP - COMPOS	
					Permit Req.					<=	30.0 MO AVG			<=	45.0 MX WK AV	19 - mg/L	01/07 - Weekly		CP - COMPOS		
					Value NODI																
00600	Nitrogen, total [as N]	1 - Effluent Gross	0	--	Sample						=	20.6			=	22.9	19 - mg/L	0	01/07 - Weekly	CP - COMPOS	
					Permit Req.												19 - mg/L		01/07 - Weekly	CP - COMPOS	
					Value NODI																
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	1	--	Sample						=	0.4			=	0.6	19 - mg/L	0	01/07 - Weekly	CP - COMPOS	
					Permit Req.					<=	2.0 MO AVG			<=	3.0 DAILY MX	19 - mg/L	01/07 - Weekly		CP - COMPOS		
					Value NODI																
00665	Phosphorus, total [as P]	1 - Effluent Gross	0	--	Sample						=	3.6			=	4.4	19 - mg/L	0	01/07 - Weekly	CP - COMPOS	
					Permit Req.												19 - mg/L		01/07 - Weekly	CP - COMPOS	
					Value NODI																
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	0.12	=	0.181	03 - MGD								0	99/99 - Continuous	RC - Recorder (auto)	
					Permit Req.															99/99 - Continuous	RC - Recorder (auto)
					Value NODI																
50060	Chlorine, total residual	1 - Effluent Gross	0	--	Sample						<	0.011			<	0.011	19 - mg/L	0	01/07 - Weekly	GR - GRAB	
					Permit Req.														19 - mg/L	01/07 - Weekly	GR - GRAB
					Value NODI																
51040	E. coli	1 - Effluent Gross	0	--	Sample						<	1.0			<	1.0	13 - #/100mL	0	01/07 - Weekly	GR - GRAB	
					Permit Req.														13 - #/100mL	01/07 - Weekly	GR - GRAB
					Value NODI																
80082	BOD, carbonaceous [5 day, 20 C]	1 - Effluent Gross	0	--	Sample						=	9.0			=	11.0	19 - mg/L	0	01/07 - Weekly	CP - COMPOS	
					Permit Req.														19 - mg/L	01/07 - Weekly	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
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Willabrookcoverletter.pdf	pdf	29885.0
Willabrookdechargereport.pdf	pdf	65948.0

**Report Last Saved By**  
**Louisville and Jefferson County MSD**

User: kevin.thompson@louisvillemad.org  
Name: Kevin Thompson  
E-Mail: kevin.thompson@louisvillemad.org  
Date/Time: 2023-09-18 08:54 (Time Zone: -04:00)

**Report Last Signed By**

User: kevin.thompson@louisvillemad.org  
Name: Kevin Thompson  
E-Mail: kevin.thompson@louisvillemad.org  
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KPDES #	Facility ID	Water Quality Treatment Center	Receiving Stream of Discharge	Region
KY0094307	MSD0511	WILLABROOK	BROOKS RUN	NA

Facility Type	Facility ID	Facility Address	If Pump Station, Name of Station	Receiving Stream	Discharge To
Sewer Lift Station	MSD2019-PS	8405 CEDAR CREEK RD	WILLABROOK	BROOKS RUN	GROUND

Activity Code / Description	WO #	Ref #	Initiated on	Initiated By	Assigned To	Dish Status	Event Date	Problem Desc	Result	Completed	Condition
DISREV:RAIN EVENT DISCHARGE	3696004		8/26/2023 12:00:00 AM	SOSA RODRIGUEZ	SOSA RODRIGUEZ	QUEUED FOR INVESTIGATION / REPAIR	4/6/2022 12:00:00 AM	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE-WATERS	08/28/23 07:58 AM	

**Discharge Reporting:**

Discharge Amount:	13,500 GAL
Cause:	LACK OF SYSTEM CAPACITY - HEAVY RAIN
Clean Up:	CLEANUP NOT POSSIBLE DUE TO MAGNITUDE OF STORM
Control Zone:	PLACED TEMPORARY SIGNS AROUND THE IMPACTED AREA
Impact:	NO IMPACT OBSERVED - MAGNITUDE OF STORM FLUSHED SOLIDS AND DEBRIS FROM SITE
Repair:	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN
Public Notification:	PLACED TEMPORARY SIGNS AROUND THE IMPACTED AREA

**Notifications:**

8/27/23 1:00 AM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
8/27/23 1:00 AM	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION