



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

Aug 20, 2026

Crystal Dennis
300 Sower Boulevard, 3rd Floor
Frankfort, KY 40601

RE: Willabrook STP, KPDES No. KY0094307
Discharge Monitoring Report – July 2026

Dear Ms. Dennis:

Attached is the Discharge Monitoring Report (DMR) for the Willabrook WQTC for the month of July 2026.

There were no permit exceedances, overflows or bypass events during the reporting period.

If you have any questions regarding the attached DMRs, please contact me at (502) 540-6000.

Sincerely,

A handwritten signature in black ink, appearing to read 'Jesse Howard'. The signature is fluid and cursive, with a large initial 'J' and a long, sweeping underline.

Jesse Howard
Process Supervisor

JH/WB 8/26

cc: V. Teague, B. Tinnel

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:

KY0094307
No

Permittee:
Permittee Address:

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

Facility:
Facility Location:

BCSD WILLABROOK SANITATION
I 65 & BROOKS RD
SHEPHERDSVILLE, KY 40109

Permitted Feature:

001
External Outfall

Discharge:

001-1
Domestic Wastewater

Report Dates & Status

Monitoring Period:

From 07/01/26 to 07/31/26

DMR Due Date:

08/28/26

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: --

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						=	7.3					19 - mg/L	0	01/07 - Weekly	GR - Grab	
					Permit Req.						>=	7.0 INST MIN					19 - mg/L				
					Value NODI																
00400	pH	1 - Effluent Gross	0	--	Sample						=	6.9			=	8.1	12 - SU	0	01/07 - Weekly	GR - Grab	
					Permit Req.						>=	6.0 MINIMUM			<=	9.0 DAILY MX	12 - SU				
					Value NODI																
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample								=	4.0	=	5.0	19 - mg/L	0	01/07 - Weekly	CP - Composite	
					Permit Req.								<=	30.0 MO AVG	<=	45.0 MX WK AV	19 - mg/L				
					Value NODI																
00600	Nitrogen, total [as N]	1 - Effluent Gross	0	--	Sample								=	33.7	=	37.6	19 - mg/L	0	01/07 - Weekly	CP - Composite	
					Permit Req.									Req Mon MO AVG		Req Mon DAILY MX	19 - mg/L				
					Value NODI																
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	1	--	Sample								=	0.25	=	0.3	19 - mg/L	0	01/07 - Weekly	CP - Composite	
					Permit Req.								<=	2.0 MO AVG	<=	3.0 DAILY MX	19 - mg/L				
					Value NODI																
00665	Phosphorus, total [as P]	1 - Effluent Gross	0	--	Sample			=	2.3	26 - lb/d			=	4.01	=	4.77	19 - mg/L	0	01/07 - Weekly	CP - Composite	
					Permit Req.				Req Mon DAILY MX	26 - lb/d				Req Mon MO AVG		Req Mon DAILY MX	19 - mg/L				
					Value NODI																
00665	Phosphorus, total [as P]	1 - Effluent Gross	1	--	Sample														01/30 - Monthly	CA - Calculated	
					Permit Req.	<=	3.0 MO AVG			26 - lb/d											
					Value NODI		9 - Conditional Monitoring - Not Required This Period														
					Sample	=	0.0552	=	0.081	03 - MGD									99/99 - Continuous	RC - Recorder (auto)	

50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Permit Req.		Req Mon MO AVG			Req Mon DAILY MX	03 - MGD							0	01/07 - Weekly	IN - Instantaneous
					Value NODI															
50060	Chlorine, total residual	1 - Effluent Gross	0	--	Sample								=	0.0	=	0.0	19 - mg/L	0	01/07 - Weekly	GR - Grab
					Permit Req.								<=	0.011 MO AVG	<=	0.019 DAILY MX	19 - mg/L		01/07 - Weekly	GR - Grab
					Value NODI															
51040	E. coli	1 - Effluent Gross	0	--	Sample								=	2.5	=	6.0	13 - #/100mL	0	01/07 - Weekly	GR - Grab
					Permit Req.								<=	130.0 30DA GEO	<=	240.0 7 DA GEO	13 - #/100mL		01/07 - Weekly	GR - Grab
					Value NODI															
80082	BOD, carbonaceous [5 day, 20 C]	1 - Effluent Gross	0	--	Sample								=	5.0	=	9.0	19 - mg/L	0	01/07 - Weekly	CP - Composite
					Permit Req.								<=	10.0 MO AVG	<=	15.0 MX WK AV	19 - mg/L		01/07 - Weekly	CP - Composite
					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
Willabrookcoverjuly2026.pdf	pdf	34653.0
WILLABROOKLIMSPCSSPREADSHEET011323072026.xls	xls	194048.0

Report Last Saved By

Louisville and Jefferson County MSD

User: JESSE.HOWARD@LOUISVILLEMSD.ORG

Name: Jesse Howard

E-Mail: jesse.howard@louisvillemSD.org

Date/Time: 2026-08-21 09:15 (Time Zone: -04:00)

Report Last Signed By

User: JESSE.HOWARD@LOUISVILLEMSD.ORG

Name: Jesse Howard

E-Mail: jesse.howard@louisvillemSD.org

Date/Time: 2026-08-21 09:30 (Time Zone: -04:00)

	A	C	G	I	K	L	O	P	Q	R	V	Y	Z	AN	AP	AR	AT	BD
1	"Ctrl+Shift+E" to export Willabrooke				July-26					July								
2	DATE	Plant Eff. Flow (MGD)	Effl. CBOD (mg/L)	Effl. TSS (mg/L)	Effl. NH3 (mg/L)	< >	Effl. T-Phos. (mg/L)	ECOLI MPN (Colonies)	Effl. pH	Effl. DO (mg/L)	Eff. TN (mg/L)	Eff. Total Res. Cl2 (mg/L)	< >	Effluent CBOD pounds	Effluent TSS pounds	Eff. NH3 pounds	Eff. Phos. pounds	< >
3	4																	
5	7/1/2026	0.056				<							<					<
6	7/2/2026	0.050	3	4	0.25	<	3.14	6.00	7.2	7.8	31.50	<0.01	<	1.247647	1.66353	0.103971	1.305871	<
7	7/3/2026	0.048				<							<					<
8	7/4/2026	0.044				<							<					<
9	7/5/2026	0.046				<							<					<
10	7/6/2026	0.047				<							<					<
11	7/7/2026	0.050				<							<					<
12	7/8/2026	0.054				<							<					<
13	7/9/2026	0.059	9	3	0.25	<	4.77	1.00	6.9	7.3	37.60	<0.01	<	4.419683	1.473228	0.122769	2.342432	<
14	7/10/2026	0.068				<							<					<
15	7/11/2026	0.081				<							<					<
16	7/12/2026	0.074				<							<					<
17	7/13/2026	0.061				<							<					<
18	7/14/2026	0.062				<							<					<
19	7/15/2026	0.058				<							<					<
20	7/16/2026	0.059	3	5	0.25	<	4.09	1.00	8.1	7.5	32.30	<0.01	<	1.465672	2.442786	0.122139	1.998199	<
21	7/17/2026	0.057				<							<					<
22	7/18/2026	0.060				<							<					<
23	7/19/2026	0.060				<							<					<
24	7/20/2026	0.049				<							<					<
25	7/21/2026	0.062				<							<					<
26	7/22/2026	0.055				<							<					<
27	7/23/2026	0.054	3	3	0.25	<	4.05	6.00	7.1	7.5	33.30	<0.01	<	1.361613	1.361613	0.113468	1.838178	<
28	7/24/2026	0.052				<							<					<
29	7/25/2026	0.055				<							<					<
30	7/26/2026	0.053				<							<					<
31	7/27/2026	0.048				<							<					<
32	7/28/2026	0.045				<							<					<
33	7/29/2026	0.051				<							<					<
34	7/30/2026	0.047				<							<					<
35	7/31/2026	0.047				<							<					<
36	TOTAL	1.710												8.49	6.94	0	7.48	
37	AVERAGE*	0.055	5	4	0.25	<	4.01	2.44949	7.3	7.5	33.68	0.000	<	2	2	0	1.9	<
38	MINIMUM	0.044	3	3	0.25	<	3.14	1	6.9	7.3	31.50	0.000	<	1	1	0	1.3	<
39	MAXIMUM	0.081	9	5	0.25	<	4.77	6	8.1	7.8	37.60	0.000	<	4	2	0	2.3	<
40	*For E. Coli: Calculation is for Geometric Mean (not Average)																	
41	Max.Wk Avg	0.065	0	0	2.0		4.8	0			38			4	2	0	2.3	
42	Exceed.	0	0	0	0		4	0	0	0				0	0	0	0	
43	MxWkAvg Exceed		0	0	0		0	0	0					0	0	0		
44	Mo Avg Exceed		0	0	0		0	0	0	0				0	0	0		
45	Total KLBS Treated																	
46																		
47	Summer Limits																	
48					0.25													