msd
Safe, clean waterways

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

July 21, 2026

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

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

Dear Ms. Dennis:

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

There were no permit exceedances, bypasses or overflow events during the reporting period.

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

Sincerely,

Jesse Howard
Process Supervisor

JH/WB 6/26

cc: V. Teague, B. Tinnel

DMR Copy of Record

Form Approved OMB No. 2040-0004 expires on 07/31/2026

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 #:	**KY0094307**	**Permittee:**	Louisville and Jefferson County MSD	**Facility:**	BCSD WILLABROOK SANITATION
Major:	No	**Permittee Address:**	700 W Liberty St Louisville, KY 40203	**Facility Location:**	I 65 & BROOKS RD SHEPHERDSVILLE, KY 40109
Permitted Feature:	001 External Outfall	**Discharge:**	**001-1** Domestic Wastewater		

Report Dates & Status

Monitoring Period:	**From 06/01/26 to 06/30/26**	**DMR Due Date:**	**07/28/26**	**Status:**	**NetDMR Validated**

Considerations for Form Completion

Principal Executive Officer

First Name:	James	**Title:**	Executive Director	**Telephone:**	502-540-6000
Last Name:	Parrott				

No Data Indicator (NODI)

Form NODI: --

Parameter		Monitoring Location	Season #	Param. NODI		Quantity or Loading					Quality or Concentration							# of Ex.	Frequency of Analysis	Sample Type
Code	Name					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						=	7.2					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						=	7.1			=	7.4	12 - SU	0	01/07 - Weekly	GR - Grab
					Permit Req.						>=	6.0 MINIMUM			<=	9.0 DAILY MX	12 - SU		01/07 - Weekly	GR - Grab
					Value NODI															
00530	**Solids, total suspended**	1 - Effluent Gross	0	--	Sample								=	4.0	=	8.0	19 - mg/L	0	01/07 - Weekly	CP - Composite
					Permit Req.								<=	30.0 MO AVG	<=	45.0 MX WK AV	19 - mg/L		01/07 - Weekly	CP - Composite
					Value NODI															
00600	**Nitrogen, total [as N]**	1 - Effluent Gross	0	--	Sample								=	33.7	=	40.1	19 - mg/L	0	01/07 - Weekly	CP - Composite
					Permit Req.									Req Mon MO AVG		Req Mon DAILY MX	19 - mg/L		01/07 - Weekly	CP - Composite
					Value NODI															
00610	**Nitrogen, ammonia total [as N]**	1 - Effluent Gross	1	--	Sample								=	0.25	=	0.25	19 - mg/L	0	01/07 - Weekly	CP - Composite
					Permit Req.								<=	2.0 MO AVG	<=	3.0 DAILY MX	19 - mg/L		01/07 - Weekly	CP - Composite
					Value NODI															
00665	**Phosphorus, total [as P]**	1 - Effluent Gross	0	--	Sample			=	2.8	26 - lb/d			=	4.18	=	5.59	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		01/07 - Weekly	CP - Composite
					Value NODI															
00665	**Phosphorus, total [as P]**	1 - Effluent Gross	1	--	Sample															
					Permit Req.	<=	3.0 MO AVG			26 - lb/d									01/30 - Monthly	CA - Calculated
					Value NODI		9 - Conditional Monitoring - Not Required This Period													
					Sample	=	0.0742	=	0.205	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**								<	0.01	<	0.01	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**								=	2.8	=	11.0	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**								=	3.0	=	3.0	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
WillabrookCoverJune26.pdf	pdf	31318.0
WILLABROOKLIMSPCSSPREADSHEET011323062026.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:	2026-07-24 09:45 (Time Zone: -04:00)

Report Last Signed By

User:	JESSE.HOWARD@LOUISVILLEMSD.ORG
Name:	Jesse Howard
E-Mail:	jesse.howard@louisvillemsd.org
Date/Time:	2026-07-24 09:48 (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**		**June-26**					June								
2		**Plant Efl**	**Effl.**	**Effl.**	**Effl.**		**Effl.**	**ECOLI**	**Effl.**	**Effl.**	**Eff.**	**Eff.**		Effluent	Effluent	Eff	Eff.	
3	**DATE**	**Flow**	**CBOD**	**TSS**	**NH3**	**<**	**T-Phos.**	**MPN**	**pH**	**DO**	**TN**	**Total Res. Cl2**	**<**	CBOD	TSS	NH3	Phos.	**<**
4		(MGD)	(mg/L)	(mg/L)	(mg/L)	**>**	(mg/L)	(Colonies)		(mg/L)	(mg/L)	(mg/L)	**>**	pounds	pounds	pounds	pounds	**>**
5	**6/1/2026**	0.054				<							<					<
6	**6/2/2026**	0.057	3	3	0.25	<	3.01	1.00	7.4	7.5	28.50	<0.01	<	1.415782	1.415782	0.117982	1.420501	<
7	**6/3/2026**	0.045				<							<					<
8	**6/4/2026**	0.044				<							<					<
9	**6/5/2026**	0.045				<							<					<
10	**6/6/2026**	0.050				<							<					<
11	**6/7/2026**	0.047				<							<					<
12	**6/8/2026**	0.044				<							<					<
13	**6/9/2026**	0.053	3	3	0.25	<	5.59	1.00	7.3	7.2	40.10	<0.01	<	1.337344	1.337344	0.111445	2.491918	<
14	**6/10/2026**	0.051				<							<					<
15	**6/11/2026**	0.046				<							<					<
16	**6/12/2026**	0.111				<							<					<
17	**6/13/2026**	0.145				<							<					<
18	**6/14/2026**	0.139				<							<					<
19	**6/15/2026**	0.126				<							<					<
20	**6/16/2026**	0.069	3	8	0.25	<	4.97	11.00	7.4	7.5	35.10	<0.01	<	1.718624	4.582997	0.143219	2.847187	<
21	**6/17/2026**	0.100				<							<					<
22	**6/18/2026**	0.124				<							<					<
23	**6/19/2026**	0.057				<							<					<
24	**6/20/2026**	0.052				<							<					<
25	**6/21/2026**	0.050				<							<					<
26	**6/22/2026**	0.080				<							<					<
27	**6/23/2026**	0.055				<							<					<
28	**6/24/2026**	0.053				<							<					<
29	**6/25/2026**	0.057	3	3	0.25	<	3.14	5.00	7.1	7.8	31.20	<0.01	<	1.420911	1.420911	0.118409	1.48722	<
30	**6/26/2026**	0.067				<							<					<
31	**6/27/2026**	0.205				<							<					<
32	**6/28/2026**	0.083				<							<					<
33	**6/29/2026**	0.060				<							<					<
34	**6/30/2026**	0.057				<							<					<
35	**7/1/2026**					<							<					<
36	**TOTAL**	2.226												5.89	8.76	0	8.25	
37	**AVERAGE***	**0.074**	**3**	**4**	**0.25**	**<**	**4.18**	**2.72327**	7.3	7.5	**33.73**	0.000	<	**1**	**2**	**0**	**2.1**	<
38	**MINIMUM**	0.044	3	3	0.25	**<**	3.01	**1**	**7.1**	**7.2**	**28.50**	**0.000**	<	1	1	0	1.4	<
39	**MAXIMUM**	**0.205**	3	8	0.25	**<**	5.59	**11**	**7.4**	7.8	**40.10**	0.000	<	2	5	0	2.8	<
40	*For E. Coli: Calculation is for Geometric Mean (not Average)													4	4	4	4	
41	Max.Wk Avg	0.086	**0**	**0**	**2.0**		**5.6**	**0**			**40**			**2**	**5**	**0**	**2.8**	
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													