



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

May 21, 2026

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

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

Dear Ms. Dennis:

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

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

Please also find the attached overflow report.

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 'Curt Otto'. The signature is fluid and cursive, with a large loop at the end.

Curt Otto
Process Supervisor

CO/WB 4/26

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.

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(l)(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 #:
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 04/01/26 to 04/30/26

DMR Due Date:

05/28/26

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:

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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						=	7.0					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						=	7.2			=	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	=	6.0	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								=	28.8	=	32.4	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	2	--	Sample								=	0.25	=	0.3	19 - mg/L	0	01/07 - Weekly	CP - Composite
					Permit Req.								<=	5.0 MO AVG	<=	7.5 DAILY MX	19 - mg/L		01/07 - Weekly	CP - Composite
					Value NODI															
00665	Phosphorus, total [as P]	1 - Effluent Gross	0	--	Sample			=	1.8	26 - lb/d			=	3.27	=	3.76	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	=	1.4			26 - lb/d								0	01/30 - Monthly	CA - Calculated
					Permit Req.	<=	3.0 MO AVG			26 - lb/d									01/30 - Monthly	CA - Calculated
					Value NODI															
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	0.0519	=	0.036	03 - MGD								0	99/99 - Continuous	RC - Recorder (auto)
					Permit Req.		Req Mon MO AVG		Req Mon DAILY MX	03 - MGD									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								=	68.7	=	239.0	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	=	4.0	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
April_2026_All_other.pdf	pdf	89957.0
WillabrookCL4_26.pdf	pdf	34823.0

Report Last Saved By

Louisville and Jefferson County MSD

User: CURT.OTTO@LOUISVILLEMSD.ORG

Name: Curt Otto

E-Mail: curt.otto@louisvillemSD.org

Date/Time: 2026-05-22 13:13 (Time Zone: -04:00)

Report Last Signed By

User: CURT.OTTO@LOUISVILLEMSD.ORG

Name: Curt Otto

E-Mail: curt.otto@louisvillemSD.org

Date/Time: 2026-05-22 13:28 (Time Zone: -04:00)

KPDES #	Facility ID	Water Quality Treatment Center	Receiving Stream of Discharge	Region
KY0106143	WQTCOR	OHIO RIVER WQTC	OHIO RIVER	OLDHAM

Facility Type	Facility ID	Facility Address	Receiving Stream	Discharge To
Sewer Manhole	123668	13009 STHY 329	HUNTING CREEK	GROUND

Activity Code / Description	WO #	Ref #	Initiated on	Initiated By	Assigned To	Dish Status	Event Date	Problem Desc	Result	Completed	Condition
DISDW: DRY WEATHER DISCHARGE	4085800		4/6/2026 1:00:00 PM	FERRELL		REPAIRED - ISSUE RESOLVED	4/6/2026 12:00:00 AM	ROOTS	UNAUTHORIZED DISCHARGE- WATERS	04/06/26 03:00 PM	MAIN

Discharge Reporting:

Discharge Amount:	1,200 GAL
Cause:	ROOTS IN MAIN SEWER.
Clean Up:	MSD PERSONNEL WILL CLEAN AND SANITIZE IMPACTED AREA.
Control Zone:	MSD PERSONNEL ADVISED THE CUSTOMER TO AVOID CONTACT WITH SEWAGE/LEFT TEMPORARY SIGNS ON SITE.
Impact:	SEWAGE/WATER DISCHARGING FROM MANHOLE.
Repair:	FLUSHED MAIN SEWER 4085801.
Public Notification:	ADVISED CUSTOMER ON SITE.

Notifications:

4/7/26 1:00 AM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO: DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
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IMSAST0004
Overflow Report
4/1/2026 12:00:00 AM to 4/30/2026 12:00:00 AM

KPDES #	Facility ID	Water Quality Treatment Center	Receiving Stream of Discharge	Region
KY0034801	WQTCBH	BULLITT HILLS WQTC	TANYARD BRANCH	BULLITT

Facility Type	Facility ID	Facility Address	Receiving Stream	Discharge To
Sewer Lift Station	SSPSBH-TSP1	258 CIRCLE VALLEY DR	TANYARD BRANCH	STREAM

Activity Code / Description	WO #	Ref #	Initiated on	Initiated By	Assigned To	Dish Status	Event Date	Problem Desc	Result	Completed	Condition
DISREV:RAIN EVENT DISCHARGE	4096277		4/28/2026 2:15:00 AM	BROADEN	ELECTRICAL CREW	EXTERNAL INFLUENCE	4/28/2026 12:00:00 AM	POWER OUTAGE (LG&E)	UNAUTHORIZED DISCHARGE- WATERS	04/28/26 08:05 AM	

Discharge Reporting:

Discharge Amount:	17,500 GAL
Cause:	POWER OUTAGE (LG&E).
Clean Up:	AREA DISINFECTED WITH LIME.
Control Zone:	PLACED TEMPORARY SIGNS AROUND THE IMPACTED AREA.
Impact:	SEWAGE FOUND AROUND WET WELL.
Repair:	GENERATOR UTILIZED UNTIL POWER RESTORED.
Public Notification:	PLACED TEMPORARY SIGNS AROUND THE IMPACTED AREA.

Notifications:

4/28/26 1:00 PM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
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IMSAST0004
Overflow Report
4/1/2026 12:00:00 AM to 4/30/2026 12:00:00 AM

KPDES #	Facility ID	Water Quality Treatment Center			Recieving Steam of Discharge		Region				
KY0094307	WQTCWB	WILLABROOK WQTC			BROOKS RUN		BULLITT				
Facility Type	Facility ID	Facility Address				Recieving Stream		Discharge To			
Sewer Lift Station	SSPSWB-MATL	3955 E BLUE LICK RD				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	4096014		4/28/2026 2:30:00 AM	BROADEN	BROADEN	DOCUMENTED	4/29/2026 12:00:00 AM	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE-WATERS	04/28/26 04:39 AM	

Discharge Reporting:

Discharge Amount:	15,600 GAL
Cause:	LACK OF SYSTEM CAPACITY.
Clean Up:	NO CLEAN UP PERFORMED – PIPES DISCHARGE UNDERWATER, DIRECTLY INTO STREAM.
Control Zone:	PERMANENT SIGNS PLACED.
Impact:	NONE OBSERVED.
Repair:	NO ACTION TAKEN, LACK OF CAPACITY.
Public Notification:	SIGNS IN THE IMPACTED AREA.

Notifications:

4/28/26 1:00 PM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
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KPDES #	Facility ID	Water Quality Treatment Center			Recieving Steam of Discharge		Region				
KY0094307	WQTCWB	WILLABROOK WQTC			BROOKS RUN		BULLITT				
Facility Type	Facility ID	Facility Address				Recieving Stream			Discharge To		
Sewer Lift Station	SSPSWB-MATL	3955 E BLUE LICK RD				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	4097021		4/29/2026 9:54:00 AM	SOSA RODRIGUEZ	SOSA RODRIGUEZ	DOCUMENTED	4/29/2026 12:00:00 AM	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE- WATERS	05/01/26 08:29 AM	

Discharge Reporting:

Discharge Amount:	7,200 GAL
Cause:	LACK OF SYSTEM CAPACITY.
Clean Up:	NO CLEAN UP PERFORMED – PIPES DISCHARGE UNDERWATER, DIRECTLY INTO STREAM.
Control Zone:	PERMANENT SIGNS PLACED.
Impact:	NONE OBSERVED.
Repair:	NO ACTION TAKEN, LACK OF CAPACITY.
Public Notification:	SIGNS IN THE IMPACTED AREA.

Notifications:

4/29/26 1:00 PM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
4/29/26 1:00 PM	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION