



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

June 23rd, 2026

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

**RE: Ohio River STP, KPDES No: KY0106143
Discharge Monitoring Report for May 2026.**

Dear Ms. Dennis:

Attached are the Discharge Monitoring Report (DMR) for the Ohio River STP, for the month of May 2026.

Overflow report attached

There was one bypass at the plant due to an outage caused by a contractor hitting the electrical service at the plant causing an outage. During this time there was no disinfection before discharge. Issue was corrected in about 20 minutes from incident.

There were no exceedances.

If you have any questions concerning the attached DMR's, please contact me at (502) 264-2804.

Sincerely,

Alex Smither
Process Supervisor

CAS/OR 5/26.

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:

KY0106143
Yes

Permittee:
Permittee Address:

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

Facility:
Facility Location:

OHIO RIVER WWTP
1901 LANDING RD
GOSHEN, KY 40026

Permitted Feature:

001
External Outfall

Discharge:

001-1
Municipal Wastewater from a POTW

Report Dates & Status

Monitoring Period:

From 05/01/26 to 05/31/26

DMR Due Date:

06/28/26

Status:

NetDMR Validated

Considerations for Form Completion

Principal Executive Officer

First Name:
Last Name:

Tony
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						=	6.5					19 - mg/L	0	01/07 - Weekly	GR - Grab
					Permit Req.						>=	2.0 INST MIN					19 - mg/L			
					Value NODI															
00310	BOD, 5-day, 20 deg. C	1 - Effluent Gross	0	--	Sample	=	17.0	=	28.0	26 - lb/d			=	3.0	=	4.0	19 - mg/L	0	01/07 - Weekly	CP - Composite
					Permit Req.	<=	375.0 MO AVG	<=	563.0 MX WK AV	26 - lb/d			<=	30.0 MO AVG	<=	45.0 MX WK AV	19 - mg/L			
					Value NODI															
00310	BOD, 5-day, 20 deg. C	G - Raw Sewage Influent	0	--	Sample								=	239.0	=	368.0	19 - mg/L	0	01/07 - Weekly	CP - Composite
					Permit Req.									Req Mon MO AVG		Req Mon MX WK AV	19 - mg/L			
					Value NODI															
00400	pH	1 - Effluent Gross	0	--	Sample						=	7.0			=	7.6	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	=	17.0	=	28.0	26 - lb/d			=	3.0	=	4.0	19 - mg/L	0	01/07 - Weekly	CP - Composite
					Permit Req.	<=	375.0 MO AVG	<=	563.0 MX WK AV	26 - lb/d			<=	30.0 MO AVG	<=	45.0 MX WK AV	19 - mg/L			
					Value NODI															
00530	Solids, total suspended	G - Raw Sewage Influent	0	--	Sample								=	285.0	=	416.0	19 - mg/L	0	01/07 - Weekly	CP - Composite
					Permit Req.									Req Mon MO AVG		Req Mon MX WK AV	19 - mg/L			
					Value NODI															
00600	Nitrogen, total [as N]	1 - Effluent Gross	0	--	Sample								=	41.7	=	50.7	19 - mg/L	0	01/07 - Weekly	CP - Composite
					Permit Req.									Req Mon MO AVG		Req Mon DAILY MX	19 - mg/L			
					Value NODI															
00600	Nitrogen, total [as N]	G - Raw Sewage Influent	0	--	Sample								=	61.6	=	76.3	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	0	--	Sample	=	1.0	=	2.0	26 - lb/d			=	0.27	=	0.3	19 - mg/L	0	01/07 - Weekly	CP - Composite
					Permit Req.	<=	250.2 MO AVG	<=	375.3 DAILY MX	26 - lb/d			<=	20.0 MO AVG	<=	30.0 DAILY MX	19 - mg/L			
					Value NODI															
00665	Phosphorus, total [as P]	1 - Effluent Gross	0	--	Sample								=	3.57	=	4.37	19 - mg/L	0	01/07 - Weekly	CP - Composite
					Permit Req.									Req Mon MO AVG		Req Mon DAILY MX	19 - mg/L			

					Value NODI																
00665	Phosphorus, total [as P]	G - Raw Sewage Influent	0	--	Sample									=	5.29	=	6.8	19 - mg/L	0	01/07 - Weekly	CP - Composite
					Permit Req.										Req Mon MO AVG		Req Mon DAILY MX	19 - mg/L			
					Value NODI																
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	0.7654	=	2.1099	03 - MGD									0	99/99 - Continuous	RC - Recorder (auto)
					Permit Req.		Req Mon MO AVG		Req Mon DAILY MX	03 - MGD											
					Value NODI																
50050	Flow, in conduit or thru treatment plant	G - Raw Sewage Influent	0	--	Sample	=	0.8244	=	2.1508	03 - MGD									0	01/07 - Weekly	CA - Calculated
					Permit Req.		Req Mon MO AVG		Req Mon DAILY MX	03 - MGD											
					Value NODI																
51040	E. coli	1 - Effluent Gross	0	--	Sample									=	1.0	=	1.0	13 - #/100mL	0	01/07 - Weekly	GR - Grab
					Permit Req.									<=	130.0 30DA GEO	<=	240.0 7 DA GEO	13 - #/100mL			
					Value NODI																
81010	BOD, 5-day, percent removal	K - Percent Removal	0	--	Sample									=	98.6			23 - %	0	01/30 - Monthly	CA - Calculated
					Permit Req.									>=	85.0 MO AV MN			23 - %			
					Value NODI																
81011	Solids, suspended percent removal	K - Percent Removal	0	--	Sample									=	98.9			23 - %	0	01/30 - Monthly	CA - Calculated
					Permit Req.									>=	85.0 MO AV MN			23 - %			
					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
OHIO_RIVER_COVER_5_26.pdf	pdf	38127.0
OHIO_RIVER_OVERFLOWS_5_26.pdf	pdf	227496.0

Report Last Saved By

Louisville and Jefferson County MSD

User:

REED0325

Name:

Scott Reed

E-Mail:

reeds@louisvillemSD.org

Date/Time:

2026-06-25 11:08 (Time Zone: -04:00)

Report Last Signed By

User:

ALEX.SMITHER@LOUISVILLEMSD.ORG

Name:

Charles Smither

E-Mail:

alex.smither@louisvillemSD.org

Date/Time:

2026-06-25 11:58 (Time Zone: -04:00)



IMSAST0004
Overflow Report
5/1/2026 12:00:00 AM to 5/31/2026 12:00:00 AM

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 Treatment Plant	WQTCOR	1818 LANDING RD					OHIO RIVER		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	4109945		5/27/2026 12:00:00 PM	SMITHER	SMITHER	REPAIRED - ISSUE RESOLVED	5/27/2026 12:00:00 AM	BYPASS AT WQTC	UNAUTHORIZED DISCHARGE-WATERS	05/27/26 02:41 PM	

Discharge Reporting:

Discharge Amount:	25,000 GAL
Cause:	BYPASS AT WASTEWATER TREATMENT PLANT.
Clean Up:	CLEANUP NOT POSSIBLE DUE TO DIRECT DISCHARGE TO OHIO RIVER.
Control Zone:	NONE NEEDED.
Impact:	NONE OBSERVED.
Repair:	SHUT OFF DAMAGED ELECTRIC AND RESET PLANT MAIN ELECTRICAL BREAKER.
Public Notification:	NONE NEEDED.

Notifications:

5/28/26 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

5/1/2026 12:00:00 AM to 5/31/2026 12:00:00 AM

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 Lift Station	SSPSOR-PBPT	1211 PEBBLE PT				LITTLE HUCKLEBERRY 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	4110222		5/29/2026 7:45:00 AM	BUTLER	HERBST	REPAIRED - ISSUE RESOLVED	5/29/2026 12:00:00 AM	ELECTRICAL PROBLEMS AT MSD	UNAUTHORIZED DISCHARGE-WATERS	05/29/26 08:35 AM	

Discharge Reporting:

Discharge Amount:	2,500 GAL
Cause:	ELECTRICAL PROBLEM WITH MSD EQUIPMENT/ASSET (GENERATOR FAULTY BATTERY CHARGER).
Clean Up:	AREA DISINFECTED WITH LIME.
Control Zone:	PLACED TEMPORARY SIGNS AROUND THE IMPACTED AREA.
Impact:	SEWAGE FOUND AROUND MANHOLE.
Repair:	REPLACED BATTERIES AND REPLACED FUSE.
Public Notification:	PLACED TEMPORARY SIGNS AROUND THE IMPACTED AREA.

Notifications:

5/29/26 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

5/1/2026 12:00:00 AM to 5/31/2026 12:00:00 AM

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 Lift Station	SSPSOR-PBPT	1211 PEBBLE PT				LITTLE HUCKLEBERRY CREEK			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	4108239		5/20/2026 5:50:00 PM	SANTEE	SANTEE	REPAIRED - ISSUE RESOLVED	5/29/2026 12:00:00 AM	ELECTRICAL PROBLEMS AT MSD	UNAUTHORIZED DISCHARGE- WATERS	05/20/26 06:18 PM	

Discharge Reporting:

Discharge Amount:	6,000 GAL
Cause:	MINOR ELECTRICAL ISSUE RELATING TO GENERATOR.
Clean Up:	CLEANUP NOT POSSIBLE DUE TO ELEVATED CREEK LEVEL.
Control Zone:	PLACED TEMPORARY SIGNS AROUND THE IMPACTED AREA.
Impact:	SEWAGE FOUND AROUND MANHOLE.
Repair:	REPLACED BATTERY CHARGER FUSE.
Public Notification:	ADVISED ALL POSSIBLE IMPACTED PROPERTIES IN THE SURROUNDING AREA IN PERSON.

Notifications:

5/21/26 1:00 AM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
5/21/26 1:00 AM	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION



IMSAST0004
Overflow Report
5/1/2026 12:00:00 AM to 5/31/2026 12:00:00 AM

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 Lift Station	SSPSOR-H793	1022 S STHY 1793				HARRODS CREEK			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	4108228		5/20/2026 5:11:00 PM	SANTEE	SANTEE	REPAIRED - ISSUE RESOLVED	5/20/2026 12:00:00 AM	ELECTRICAL PROBLEMS AT MSD	UNAUTHORIZED DISCHARGE- WATERS	05/20/26 05:21 PM	

Discharge Reporting:

Discharge Amount:	1,500 GAL
Cause:	ELECTRICAL PROBLEM WITH MSD EQUIPMENT/ASSET (BAD STOP FLOAT).
Clean Up:	CLEANUP NOT POSSIBLE DUE TO ELEVATED CREEK LEVEL.
Control Zone:	PLACED TEMPORARY SIGNS AROUND THE IMPACTED AREA.
Impact:	SEWAGE FOUND AROUND WET WELL.
Repair:	REPLACED THE STOP FLOAT.
Public Notification:	ADVISED ALL POSSIBLE IMPACTED PROPERTIES IN THE SURROUNDING AREA IN PERSON.

Notifications:

5/21/26 1:00 AM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
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