msd
Safe, clean waterways

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

July 15th, 2026

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

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

Dear Ms. Dennis:

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

Overflow report attached.

There were no exceedances or bypasses.

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

Sincerely,

Alex Smither
Process Supervisor

CAS/OR 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.

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 #:	**KY0106143**	**Permittee:**	Louisville and Jefferson County MSD	**Facility:**	OHIO RIVER WWTP
Major:	Yes	**Permittee Address:**	700 W Liberty St Louisville, KY 40203	**Facility Location:**	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 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:	Tony	**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						=	8.6					19 - mg/L	0	01/07 - Weekly	GR - Grab
					Permit Req.						>=	2.0 INST MIN					19 - mg/L		01/07 - Weekly	GR - Grab
					Value NODI															
00310	**BOD, 5-day, 20 deg. C**	1 - Effluent Gross	0	--	Sample	=	11.0	=	12.0	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		01/07 - Weekly	24 - 24 Hour Composite
					Value NODI															
00310	**BOD, 5-day, 20 deg. C**	G - Raw Sewage Influent	0	--	Sample								=	159.0	=	196.0	19 - mg/L	0	01/07 - Weekly	CP - Composite
					Permit Req.									Req Mon MO AVG		Req Mon MX WK AV	19 - mg/L		01/07 - Weekly	24 - 24 Hour Composite
					Value NODI															
00400	**pH**	1 - Effluent Gross	0	--	Sample						=	7.1			=	7.7	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	=	14.0	=	24.0	26 - lb/d			=	4.0	=	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		01/07 - Weekly	24 - 24 Hour Composite
					Value NODI															
00530	**Solids, total suspended**	G - Raw Sewage Influent	0	--	Sample								=	287.0	=	417.0	19 - mg/L	0	01/07 - Weekly	CP - Composite
					Permit Req.									Req Mon MO AVG		Req Mon MX WK AV	19 - mg/L		01/07 - Weekly	24 - 24 Hour Composite
					Value NODI															
00600	**Nitrogen, total [as N]**	1 - Effluent Gross	0	--	Sample								=	53.4	=	68.0	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	24 - 24 Hour Composite
					Value NODI															
00600	**Nitrogen, total [as N]**	G - Raw Sewage Influent	0	--	Sample								=	61.3	=	100.2	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	24 - 24 Hour Composite
					Value NODI															
00610	**Nitrogen, ammonia total [as N]**	1 - Effluent Gross	0	--	Sample	=	3.0	=	9.0	26 - lb/d			=	0.98	=	3.0	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		01/07 - Weekly	24 - 24 Hour Composite
					Value NODI															
00665	**Phosphorus, total [as P]**	1 - Effluent Gross	0	--	Sample								=	4.51	=	5.44	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	24 - 24 Hour Composite

					Value NODI															
00665	**Phosphorus, total [as P]**	G - Raw Sewage Influent	0	--	Sample								=	6.4	=	8.6	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	24 - 24 Hour Composite
					Value NODI															
50050	**Flow, in conduit or thru treatment plant**	1 - Effluent Gross	0	--	Sample	=	0.5636	=	1.912	03 - MGD								0	99/99 - Continuous	RC - Recorder (auto)
					Permit Req.		Req Mon MO AVG		Req Mon DAILY MX	03 - MGD									99/99 - Continuous	RC - Recorder (auto)
					Value NODI															
50050	**Flow, in conduit or thru treatment plant**	G - Raw Sewage Influent	0	--	Sample	=	0.5941	=	1.9306	03 - MGD								0	01/07 - Weekly	CA - Calculated
					Permit Req.		Req Mon MO AVG		Req Mon DAILY MX	03 - MGD									99/99 - Continuous	RC - Recorder (auto)
					Value NODI															
51040	**E. coli**	1 - Effluent Gross	0	--	Sample								=	2.5	=	17.0	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															
81010	**BOD, 5-day, percent removal**	K - Percent Removal	0	--	Sample						=	98.1					23 - %	0	01/30 - Monthly	CA - Calculated
					Permit Req.						>=	85.0 MO AV MN					23 - %		01/30 - Monthly	CA - Calculated
					Value NODI															
81011	**Solids, suspended percent removal**	K - Percent Removal	0	--	Sample						=	98.8					23 - %	0	01/30 - Monthly	CA - Calculated
					Permit Req.						>=	85.0 MO AV MN					23 - %		01/30 - Monthly	CA - Calculated
					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_6_26.pdf	pdf	31019.0
All_other_service_area_Discharge_report_June_2026.pdf	pdf	99088.0

Report Last Saved By

Louisville and Jefferson County MSD

User:	ALEX.SMITHER@LOUISVILLEMSD.ORG
Name:	Charles Smither
E-Mail:	alex.smither@louisvillemsd.org
Date/Time:	2026-07-16 12:06 (Time Zone: -04:00)

Report Last Signed By

User:	ALEX.SMITHER@LOUISVILLEMSD.ORG
Name:	Charles Smither
E-Mail:	alex.smither@louisvillemsd.org
Date/Time:	2026-07-21 11:49 (Time Zone: -04:00)

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

Facility Type	Facility ID	Facility Address	Recieving Stream	Discharge To
Sewer Lift Station	SSPSOR-CBRD	13301 STHY 329	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	4118692		6/18/2026 5:49:00 AM	BROADEN	BROADEN	DOCUMENTED	6/26/2026 12:00:00 AM	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE-WATERS	06/18/26 10:34 AM	

Discharge Reporting:

Discharge Amount:	500 GAL
Cause:	LACK OF SYSTEM CAPACITY.
Clean Up:	CLEANUP NOT POSSIBLE DUE TO MAGNITUDE OF STORM.
Control Zone:	PLACED TEMPORARY SIGNS AROUND THE IMPACTED AREA.
Impact:	SEWAGE FOUND ON THE GROUND.
Repair:	SITE FOUND DURING RAIN EVENT RECON - WILL BE MONITORED AND EVALUATED FOR REPAIR.
Public Notification:	PLACED TEMPORARY SIGNS AROUND THE IMPACTED AREA.

Notifications:

6/18/26 1:00 PM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
6/18/26 1:44 PM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV

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

Facility Type	Facility ID	Facility Address	Recieving Stream	Discharge To
Sewer Lift Station	SSPSOR-CBRD	13301 STHY 329	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	4121922		6/26/2026 10:00:00 PM	SANTEE	SANTEE	DOCUMENTED	6/26/2026 12:00:00 AM	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE-WATERS	06/27/26 09:00 PM	

Discharge Reporting:

Discharge Amount:	20,700 GAL
Cause:	LACK OF SYSTEM CAPACITY.
Clean Up:	CLEANUP NOT POSSIBLE DUE TO MAGNITUDE OF STORM.
Control Zone:	PLACED TEMPORARY SIGNS AROUND THE IMPACTED AREA.
Impact:	SEWAGE FOUND ON THE GROUND.
Repair:	SITE FOUND DURING RAIN EVENT RECON - WILL BE MONITORED AND EVALUATED FOR REPAIR.
Public Notification:	PLACED TEMPORARY SIGNS AROUND THE IMPACTED AREA.

Notifications:

6/27/26 1:00 AM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
6/27/26 1:00 AM	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION
6/27/26 1:00 PM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
6/27/26 1:00 PM	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION
6/28/26 1:00 AM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
6/28/26 1:00 AM	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION
6/28/26 1:00 PM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
6/28/26 1:00 PM	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION
6/29/26 1:00 AM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV

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

Facility Type	Facility ID	Facility Address	Recieving 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	4121938		6/27/2026 5:30:00 AM	SANTEE	SANTEE	REPAIRED - ISSUE RESOLVED	6/27/2026 12:00:00 AM	ELECTRICAL PROBLEMS AT MSD	UNAUTHORIZED DISCHARGE-WATERS	06/27/26 06:00 AM	

Discharge Reporting:

Discharge Amount:	1,500 GAL
Cause:	MINOR ELETRICAL ISSUE RELATING TO LEVEL CONTROL DEVICES.
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:	CLEANED ADJUSTED LEVEL DEVICES.
Public Notification:	ADVISED ALL POSSIBLE IMPACTED PROPERTIES IN THE SURROUNDING AREA IN PERSON.

Notifications:

6/27/26 1:00 PM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
6/27/26 1:00 PM	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION
6/28/26 1:00 AM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
6/28/26 1:00 PM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
6/29/26 1:00 AM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV