

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

October 21st, 2024

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

RE: Ohio River STP, KPDES No: KY0106143

Discharge Monitoring Report for September 2024.

Dear Ms. Dennis:

Attached are the Discharge Monitoring Report (DMR) for the Ohio River STP, for the month September 2024.

See attached Overflow report.

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 9/24.

Cc: V. Teague, B. Tinnel

DMR Copy of Record

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 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 <a href="https://www.npde.com/npack-new-npack-

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(I)(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.

rer	mit	

Permit #: KY0106143

Permittee:

Louisville and Jefferson County MSD

Facility:
Facility Location:

OHIO RIVER WWTP

Major: Yes

Permittee Address:

Discharge:

DMR Due Date:

700 W Liberty St Louisville, KY 40203 ocation: 1901 LANDING RD GOSHEN, KY 40026

Permitted Feature:

001 External Outfall

Parrott

001-1Domestic Wastewater from a Publicly Owned Treatment Works

,

GOSHEN, KY 40026

Report Dates & Status

Monitoring Period: From 09/01/24 to 09/30/24

10/28/24

Status: NetDMR Validated

Considerations for Form Completion

Principal Executive Officer

First Name: Tony

Title: Executive Director

Telephone:

502-540-6533

No Data Indicator (NODI)

Last Name:

Form NODI:

orm N																						
	Parameter	Monitoring Location	Season	# Param. NODI				antity or Loa	-					Quality or Conce				# of Ex. F	requency of Analysis	Sample Type		
Code	Name					Qualifier 1	Value 1	Qualifier 2	Value 2	Units Q		Value 1	Qualifier 2	Value 2	Qualifie	r 3 Value 3	Units					
					Sample					=		6.9					19 - mg/L		,	GR - GRAB		
00300	Oxygen, dissolved [DO]	1 - Effluent Gross	0		Permit Req.					>=	= 2	2.0 INST MIN					19 - mg/L	01	/07 - Weekly	GR - GRAB		
					Value NODI																	
					Sample	=	51.0	=	112.0	26 - lb/d			=	12.0	=	20.0	19 - mg/L	01	/07 - Weekly	24 - COMP24		
0310	BOD, 5-day, 20 deg. C	1 - Effluent Gross	0		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 - COMP24		
,0310	505, 3-day, 20 deg. 0	1 - Ellidelit Gloss	U		Value NODI																	
					Sample								=	225.0	=	336.0	19 - mg/L	01	/07 - Weekly	24 - COMP24		
0310	BOD, 5-day, 20 deg. C	G - Raw Sewage Influent	0		Permit Req.									Req Mon MO AV	3	Req Mon MX WK AV	19 - mg/L	01	/07 - Weekly	24 - COMP24		
0010	202, 3 day, 23 dog. 3	C Naw Ocwago IIIIdent			Value NODI																	
					Sample					=	-	7.3			=	7.6	12 - SU	01	,	GR - GRAB		
0400	рН	1 - Effluent Gross	0		Permit Req.					>=	= 6	6.0 MINIMUM			<=	9.0 MAXIMUM	12 - SU	01	/07 - Weekly	GR - GRAB		
					Value NODI																	
	Solids, total suspended 1 - Effluent Gross		0		Sample	= ;	39.9	=	100.4	26 - lb/d			=	9.0	=	18.0	19 - mg/L	01	/07 - Weekly	24 - COMP24		
0530		1 - Effluent Gross			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 - COMP24		
0000					Value NODI																	
					Sample								=	286.0	=	440.0	19 - mg/L	01	/07 - Weekly	24 - COMP24		
0530	Solids, total suspended	G - Raw Sewage Influent	G - Raw Sawage Influent	G - Raw Sawaga Influent	0		Permit Req.									Req Mon MO AVO	3	Req Mon MX WK AV	19 - mg/L	01	/07 - Weekly	24 - COMP24
0000	conus, total suspended	C Naw Ocwago IIIIdent			Value NODI																	
					Sample								=	29.03	_	39.4	19 - mg/L	01	/07 - Weekly	24 - COMP24		
0600	Nitrogen total [co N]	1 - Effluent Gross	0		Permit Reg.									Reg Mon MO AVO	3	Reg Mon DAILY MX			,	24 - COMP24		
0600	Nitrogen, total [as N]	1 - Ellidelit Gloss	U		Value NODI														,			
					Sample								=	62.88	=	84.6	19 - mg/L	01	/07 - Weekly	24 - COMP24		
0600	Nitrogen, total [as N]	G - Raw Sewage Influent	0		Permit Req.									Req Mon MO AVO	3	Req Mon DAILY MX	19 - mg/L	01	/07 - Weekly	24 - COMP24		
0000	oo Nillogen, total [as N]	G - Naw Sewage Illildelit	U		Value NODI																	
	0 Nitrogen, ammonia total [as N] 1 -				Sample								=	4.0	=	12.2	19 - mg/L	01	/07 - Weekly	24 - COMP24		
0610		1 - Effluent Gross	0		Permit Req.								<=	20.0 MO AVG	<=	30.0 DAILY MX	19 - mg/L			24 - COMP24		
,0010	Willogen, anniona total [as 14]	1 Emacin Oroso			Value NODI																	
					Sample								=	4.97	=	5.2	19 - mg/L	01	/07 - Weekly	24 - COMP24		
0665	Bhoonharus total [co.D]	1 - Effluent Gross	0		Permit Req.									Req Mon MO AV	3	Req Mon DAILY MX	19 - mg/L	01	/07 - Weekly	24 - COMP24		
COOL	Phosphorus, total [as P]	i - Elliueni Gross	U																			

				Value NODI														
				Sample								=	6.67	=	8.06	19 - mg/L	01/07 - Weekly	24 - COMP24
00665	Phosphorus, total [as P]	G - Raw Sewage Influent	0	 Permit Req.									Req Mon MO	AVG	Req Mon DAILY MX	(19 - mg/L	01/07 - Weekly 24 - COMP24	24 - COMP24
	, , , ,			Value NODI														
				Sample =	= 0.5	508 =	=	1.577	03 - MGD								99/99 - Continuous	RC - Recorder (auto)
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	 Permit Req.	Re	q Mon MO AVG		Req Mon DAILY MX	03 - MGD								99/99 - Continuous	RC - Recorder (auto)
				Value NODI														
				Sample	= 0.5	511 :	=	1.618	03 - MGD								99/99 - Continuous	RC - Recorder (auto)
50050	Flow, in conduit or thru treatment plant	G - Raw Sewage Influent	0	 Permit Req.	Re	q Mon MO AVG		Req Mon DAILY MX	03 - MGD								99/99 - Continuous	RC - Recorder (auto)
	,	o man comage minarin		Value NODI														
				Sample								=	3.765	=	201.0	13 - #/100mL	01/07 - Weekly	
51040	E. coli	1 - Effluent Gross	0	 Permit Req.								<=	130.0 30DA G	EO <=	240.0 7 DA GEO	13 - #/100mL	01/07 - Weekly	GR - GRAB
				Value NODI														
				Sample					:	=	94.7					23 - %	01/30 - Monthly	CA - CALCTD
81010	BOD, 5-day, percent removal	K - Percent Removal	0	 Permit Req.					;	>=	85.0 MO AV M	N				23 - %	01/30 - Monthly	CA - CALCTD
0.0.0	202,0 443, persons removal	Gradini radina ra		Value NODI														
				Sample					:	=	96.9					23 - %	01/30 - Monthly	CA - CALCTD
81011	Solids, suspended percent removal	K - Percent Removal	0	 Permit Req.					:	>=	85.0 MO AV M	N				23 - %	01/30 - Monthly	CA - CALCTD
	, , , , , , , , , , , , , , , , , , , ,	K - Percent Removal		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	Туре	Size
OHIO_RIVER_COVER_9_24.pdf	pdf	36060.0
OHIO_RIVER_OVERFLOW_9_24.pdf	pdf	124698.0

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: 2024-10-21 13:05 (Time Zone: -04:00)

Report Last Signed By

User: ALEX.SMITHER@LOUISVILLEMSD.ORG

Name: Charles Smither

E-Mail: alex.smither@louisvillemsd.org

Date/Time: 2024-10-21 13:05 (Time Zone: -04:00)



KPDES#	Facility ID		Water 0	Quality Treat	ement Center	Rece	iving Stream	of Treatment Cent	er Regio	n
KY0106143 MSD0			OHIO RIV	/ER			ОН	NA		
Facility Type	Facility ID		Facility Addr	ess	If Pump Station, N	lame of Pump	Station:	Receiving Stream	Discha	rge to
SPLSewer Treatment Plant	MSD0407		1818 LANDI	NG RD	OHIO RIVE	R		OHIO RIVER	ST	REAM
Activity Code / Description : DISREV: RAIN EVENT DISCHARGE	WO # Ref No 3853798	<u>Initiated</u> 09/27/2024	Initiated By SMITHER	Assigned To SMITHER	Disch Status REPAIRED - ISSUE RESOLVED	Event Date 09/27/2024	Problem BYPASS AT WQTC	Result UNAUTHORIZED DISCHARGE- WATERS	Completed 09/27/24 04:15 PM	Condition

Discharge Reporting:

Discharge Amount:	90,000 GAL	
Cause:	POWER OUTAGE (LG&E).	
Clean Up:	CLEANUP NOT POSSIBLE DUE TO DISCHARGE UNDER RIVER SURFACE.	
Control Zone:	NONE, DUE TO DISCHARGE IS OUT IN THE RIVER BELOW SURFACE.	
Impact:	NO IMPACT OBSERVED - FACILITY UNDER ELEVATED RIVER LEVEL.	
Repair:	GENERATOR UTILIZED UNTIL POWER RESTORED.	
Public Notification:	NONE.	

Notifications:

Troumoutono.			-
9/28/24 1:00 AM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV	
9/28/24 1:00 AM	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION	



KPDES#

Facility

Water Quality Treatement Center

Receiving Stream of Treatment Center

Region

KY0106143

MSD0407

OHIO RIVER

OHIO RIVER

NA

Facility Type

Facility ID

Facility Address

If Pump Station, Name of Pump Station:

Receiving Stream

Discharge to

SLSSewer Lift Station

MSD1286-PS

3004 ALBRECHT DR

OHIO RIVER

HARRODS CREEK

DITCH

Activity Code / Description
: DISREV: RAIN EVENT

WO # Ref No 3853962 Initiated Initiated By 09/29/2024 BROADEN Assigned To Dis

Disch Status REPAIRED -ISSUE

RESOLVED

Event Date 09/29/2024 Problem LACK OF SYSTEM

CAPACITY

Result UNAUTHORIZED

WATERS

Completed Condition 09/29/24 02:00

DISCHARGE- PM

DISCHARGE

Nischarge Reporting:

Discharge Amount:	5 GAL	
Cause:	STRUCTURAL FAILURE (MANHOLE).	
Clean Up:	MAGNITUDE OF STORM RESULTED IN NO DEBRIS REMAINING.	
Control Zone:	PLACED TEMPORARY SIGNS AROUND THE IMPACTED AREA.	
Impact:	NO IMPACT OBSERVED - MAGNITUDE OF STORM FLUSHED SOLIDS AND DEBRIS FROM SITE.	
Repair:	REPAIRED THE PIPE.	
Public Notification:	PLACED TEMPORARY SIGNS AROUND THE IMPACTED AREA.	

Notifications:

9/30/24 1:00 AM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
9/30/24 1:00 AM	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION