



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

December 19th, 2024

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

**RE: SORF STP, KPDES No: KY0111716
Discharge Monitoring Report for November 2024.**

Dear Ms. Dennis:

Attached are the Discharge Monitoring Report (DMR) for the SORF STP, for the month November 2024.

Please see attached bypass documentation.

There were no exceedances and overflows.

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

Sincerely,

Alex Smither
Process Supervisor

CAS/SORF 11/24.

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 #:	KY0111716	Permittee:	Louisville and Jefferson County MSD	Facility:	OLDHAM COUNTY ENVIRONMENTAL AUTHORITY REGIONAL WWTP
Major:	Yes	Permittee Address:	700 W Liberty St Louisville, KY 40203	Facility Location:	6115 HITT LN CRESTWOOD, KY 40241
Permitted Feature:	001 External Outfall	Discharge:	001-1 Domestic Wastewater from Publicly Owned Treatment Works		

Report Dates & Status					
Monitoring Period:	From 11/01/24 to 11/30/24	DMR Due Date:	12/28/24	Status:	NetDMR Validated

Considerations for Form Completion					
---	--	--	--	--	--

Principal Executive Officer					
First Name:	Tony	Title:	Executive Director	Telephone:	502-540-6533
Last Name:	Parrott				

No Data Indicator (NODI)					
Form NODI:	--				

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading					Quality or Concentration					# of Ex.	Frequency of Analysis	Sample Type									
					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					=	7.3					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					=	6.95				=	7.47	12 - SU	0	01/07 - Weekly	GR - GRAB						
					Permit Req.					>=	6.0 MINIMUM			<=	9.0 MAXIMUM	12 - SU	01/07 - Weekly		24 - COMP24							
					Value NODI																					
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample	=	22.6	=	47.6	26 - lb/d		=	6.0	=	6.0	19 - mg/L	0	01/07 - Weekly	CP - COMPOS							
					Permit Req.	<=	312.8 MO AVG	<=	469.1 MX WK AV	26 - lb/d		<=	30.0 MO AVG	<=	45.0 MX WK AV	19 - mg/L		01/07 - Weekly	24 - COMP24							
					Value NODI																					
00530	Solids, total suspended	G - Raw Sewage Influent	0	--	Sample						=	212.0	=	260.0	19 - mg/L	0	01/07 - Weekly	CP - COMPOS								
					Permit Req.												Req Mon MO AVG	Req Mon MX WK AV	19 - mg/L	01/07 - Weekly	24 - COMP24					
					Value NODI																					
00600	Nitrogen, total [as N]	1 - Effluent Gross	0	--	Sample						=	2.8	=	4.0	19 - mg/L	0	01/07 - Weekly	CP - COMPOS								
					Permit Req.													Req Mon MO AVG	Req Mon DAILY MX	19 - mg/L	01/07 - Weekly	24 - COMP24				
					Value NODI																					
00600	Nitrogen, total [as N]	G - Raw Sewage Influent	0	--	Sample						=	26.35	=	42.4	19 - mg/L	0	01/07 - Weekly	CP - COMPOS								
					Permit Req.														Req Mon MO AVG	Req Mon DAILY MX	19 - mg/L	01/07 - Weekly	24 - COMP24			
					Value NODI																					
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	2	--	Sample						=	0.23	=	0.3	19 - mg/L	0	01/07 - Weekly	CP - COMPOS								
					Permit Req.																Req Mon MO AVG	Req Mon DAILY MX	19 - mg/L	01/07 - Weekly	24 - COMP24	
					Value NODI																					
00665	Phosphorus, total [as P]	1 - Effluent Gross	2	--	Sample						=	0.25	=	0.58	19 - mg/L	0	01/07 - Weekly	24 - COMP24								
					Permit Req.																	Req Mon MO AVG	Req Mon DAILY MX	19 - mg/L	01/07 - Weekly	24 - COMP24
					Value NODI																					
00665	Phosphorus, total [as P]	G - Raw Sewage Influent	0	--	Sample						=	3.96	=	6.0	19 - mg/L	0	01/07 - Weekly	CP - COMPOS								
					Permit Req.																	Req Mon MO AVG	Req Mon DAILY MX	19 - mg/L	01/07 - Weekly	24 - COMP24
					Value NODI																					
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	0.4622	=	2.025	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 = 0.4767 = 2.0691 03 - MGD Permit Req. Req Mon MO AVG Req Mon DAILY MX 03 - MGD Value NODI												0	01/07 - Weekly 99/99 - Continuous	CA - CALCTD RC - Recorder (auto)
51040	E. coli	1 - Effluent Gross	0	--	Sample = 11.8 = 66.0 13 - #/100mL Permit Req. <= 130.0 30DA GEO <= 240.0 7 DA GEO 13 - #/100mL Value NODI												0	01/07 - Weekly 01/07 - Weekly	GR - GRAB GR - GRAB
80082	BOD, carbonaceous [5 day, 20 C]	1 - Effluent Gross	0	--	Sample = 21.1 = 39.7 26 - lb/d = 6.0 = 8.0 19 - mg/L Permit Req. <= 104.4 MO AVG <= 156.4 MX WK AV 26 - lb/d <= 10.0 MO AVG <= 15.0 MX WK AV 19 - mg/L Value NODI												0	01/07 - Weekly 01/07 - Weekly	CP - COMPOS 24 - COMP24
80082	BOD, carbonaceous [5 day, 20 C]	G - Raw Sewage Influent	0	--	Sample = 147.0 = 155.0 19 - mg/L Permit Req. Req Mon MO AVG Req Mon MX WK AV 19 - mg/L Value NODI												0	01/07 - Weekly 01/07 - Weekly	CP - COMPOS 24 - COMP24
80091	BOD, carb-5 day, 20 deg C, percent removal	K - Percent Removal	0	--	Sample = 95.9 23 - % Permit Req. >= 85.0 MO AV MN 23 - % Value NODI												0	01/30 - Monthly 01/30 - Monthly	CA - CALCTD CA - CALCTD
81011	Solids, suspended percent removal	K - Percent Removal	0	--	Sample = 97.2 23 - % Permit Req. >= 85.0 MO AV MN 23 - % Value NODI												0	01/30 - Monthly 01/30 - Monthly	CA - CALCTD CA - CALCTD

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
SORF_COVER_11_24.pdf	pdf	36111.0
SORF_BYPASS_11_24.pdf	pdf	57721.0

Report Last Saved By

Louisville and Jefferson County MSD

User: ALEX.SMITHER@LOUISVILLEMSD.ORG
Name: Charles Smither
E-Mail: alex.smither@louisvillemmsd.org
Date/Time: 2024-12-19 09:37 (Time Zone: -05:00)

Report Last Signed By

User: ALEX.SMITHER@LOUISVILLEMSD.ORG
Name: Charles Smither
E-Mail: alex.smither@louisvillemmsd.org
Date/Time: 2024-12-19 09:37 (Time Zone: -05:00)



**IMSAST0004
Overflow Report**

11/1/2024 12:00:00 AM to 11/30/2024 12:00:00 AM

KPDES #	Facility ID	Water Quality Treatment Center	Receiving Stream of Discharge	Region
KY0111716	MSD0414	SOUTH OLDHAM	SOUTH FORK HARRODS CREEK	NA

Facility Type	Facility ID	Facility Address	If Pump Station, Name of Station	Receiving Stream	Discharge To
Sewer Treatment Plant	MSD0414	6115 HITT LN	SOUTH OLDHAM	SOUTH FORK HARRODS CREEK	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	3868829		11/10/2024 12:00:00 PM	SMITHER	SMITHER	QUEUED FOR INVESTIGATION / REPAIR	4/9/2022 12:00:00 AM	BYPASS AT WQTC	UNAUTHORIZED DISCHARGE-WATERS	11/14/24 11:04 AM	

Discharge Reporting:

Discharge Amount:	1,000 GAL
Cause:	BYPASS AT WASTEWATER TREATMENT PLANT.
Clean Up:	CLEANED AND SANITIZED THE IMPACTED AREA WITH LIME.
Control Zone:	OVERFLOW CONTAINED ON MSD PROPERTY.
Impact:	NO IMPACT OBSERVED.
Repair:	PUT PUMP IN SERVICE THAT WAS LEFT OUT OF SERVICE.
Public Notification:	NONE NEEDED.

Notifications:

11/11/24 1:00 AM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
11/11/24 1:00 AM	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION