



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

February 19th, 2026

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

**RE: SORF STP, KPDES No: KY0111716
Discharge Monitoring Report for January 2026.**

Dear Ms. Dennis:

Attached are the Discharge Monitoring Report (DMR) for the SORF STP, for the month of January 2026.

There were no overflows or bypasses. There were two exceedances. One for week max E. Coli with a result of 12050 mg/L with a limit of 240 mg/L. Also, one for daily maximum ammonia with a result of 9.4 mg/L with a limit of 7.5 mg/L. We were having aeration issues due to a bad valve on the #3 reactor. It was not getting the proper aeration. The valve was replaced. We retested for ammonia after a few days with proper aeration with positive results.

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

Sincerely,

Alex Smither
Process Supervisor

CAS/SORF 1/26.

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 #:	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 01/01/26 to 01/31/26										DMR Due Date:	02/28/26					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:	--																						
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					=	11.1					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					=	7.8			=	8.5	12 - SU	0	01/07 - Weekly	GR - Grab				
					Permit Req.					>=	6.0 MINIMUM			<=	9.0 MAXIMUM	12 - SU		01/07 - Weekly	24 - 24 Hour Composite				
					Value NODI																		
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample	=	5.3	=	6.0	26 - lb/d			=	3.0	=	3.0	19 - mg/L	0	01/07 - Weekly	CP - Composite			
					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 - 24 Hour Composite			
					Value NODI																		
00530	Solids, total suspended	G - Raw Sewage Influent	0	--	Sample							=	217.0	=	242.0	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							=	16.31	=	27.8	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							=	39.48	=	43.9	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																		
X00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	2	--	Sample							=	3.0	=	9.4	19 - mg/L	0	01/07 - Weekly	24 - 24 Hour Composite				
					Permit Req.											<=		5.0 MO AVG	<=	7.5 DAILY MX	19 - mg/L	01/07 - Weekly	24 - 24 Hour Composite
					Value NODI																		
00665	Phosphorus, total [as P]	1 - Effluent Gross	2	--	Sample							=	1.12	=	1.44	19 - mg/L	0	01/07 - Weekly	24 - 24 Hour Composite				
					Permit Req.											<=		2.0 MO AVG	<=	3.0 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							=	5.37	=	5.9	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	=	0.2177	=	0.377	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 = 0.2182 Permit Req. = 0.303 Value NODI														01/07 - Weekly 99/99 - Continuous	CA - Calculated RC - Recorder (auto)
X 51040	E. coli	1 - Effluent Gross	0	--	Sample = 86.0 Permit Req. <= 130.0 30DA GEO Value NODI														01/07 - Weekly 01/07 - Weekly	GR - Grab GR - Grab
80082	BOD, carbonaceous [5 day, 20 C]	1 - Effluent Gross	0	--	Sample = 6.13 Permit Req. <= 104.4 MO AVG Value NODI														01/07 - Weekly 01/07 - Weekly	CP - Composite 24 - 24 Hour Composite
80082	BOD, carbonaceous [5 day, 20 C]	G - Raw Sewage Influent	0	--	Sample = 121.0 Permit Req. = 187.0 Value NODI														01/07 - Weekly 01/07 - Weekly	CP - Composite 24 - 24 Hour Composite
80091	BOD, carb-5 day, 20 deg C, percent removal	K - Percent Removal	0	--	Sample = 97.1 Permit Req. >= 85.0 MO AV MN Value NODI														01/30 - Monthly 01/30 - Monthly	CA - Calculated CA - Calculated
81011	Solids, suspended percent removal	K - Percent Removal	0	--	Sample = 98.6 Permit Req. >= 85.0 MO AV MN Value NODI														01/30 - Monthly 01/30 - Monthly	CA - Calculated CA - Calculated

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

Parameter		Monitoring Location	Field	Type	Description	Acknowledge
Code	Name					
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	Quality or Concentration Sample Value 3	Soft	The provided sample value is outside the permit limit. Please verify that the value you have provided is correct.	Yes
51040	E. coli	1 - Effluent Gross	Quality or Concentration Sample Value 3	Soft	The provided sample value is outside the permit limit. Please verify that the value you have provided is correct.	Yes

Comments

Attachments

Name	Type	Size
SORF_COVER_1_26.pdf	pdf	38404.0

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: 2026-02-19 14:45 (Time Zone: -05:00)

Report Last Signed By

User: ALEX.SMITHER@LOUISVILLEMSD.ORG
 Name: Charles Smither
 E-Mail: alex.smither@louisvillemsd.org
 Date/Time: 2026-02-19 14:45 (Time Zone: -05:00)