



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

September 23rd, 2025

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

**RE: SORF STP, KPDES No: KY0111716
Discharge Monitoring Report for August 2025.**

Dear Ms. Dennis:

Attached are the Discharge Monitoring Report (DMR) for the SORF STP, for the month of August 2025.

There were no overflows, bypasses or exceedances.

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

Sincerely,

Alex Smither
Process Supervisor

CAS/SORF 8/25.

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:

KY0111716
Yes

Permittee:
Permittee Address:

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

Facility:
Facility Location:

OLDHAM COUNTY ENVIRONMENTAL AUTHORITY REGIONAL WWTP
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 08/01/25 to 08/31/25

DMR Due Date:

09/28/25

Status:

NetDMR Validated

Considerations for Form Completion

Principal Executive Officer

First Name:
Last Name:

Tony
Parrott

Title:

Executive Director

Telephone:

502-540-6533

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						=	7.7					19 - mg/L	0	01/07 - Weekly	GR - Grab
					Permit Req.						>=	7.0 INST MIN					19 - mg/L			
					Value NODI															
00400	pH	1 - Effluent Gross	0	--	Sample						=	7.4			=	7.6	12 - SU	0	01/07 - Weekly	GR - Grab
					Permit Req.						>=	6.0 MINIMUM			<=	9.0 MAXIMUM	12 - SU			
					Value NODI															
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample	=	4.5	=	4.7	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			
					Value NODI															
00530	Solids, total suspended	G - Raw Sewage Influent	0	--	Sample								=	274.0	=	343.0	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								=	10.96	=	14.4	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								=	39.55	=	43.4	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	1	--	Sample								=	0.25	=	0.3	19 - mg/L		01/07 - Weekly	24 - 24 Hour Composite
					Permit Req.								<=	2.0 MO AVG	<=	3.0 DAILY MX	19 - mg/L			
					Value NODI															
00665	Phosphorus, total [as P]	1 - Effluent Gross	1	--	Sample								=	0.22	=	0.32	19 - mg/L		01/07 - Weekly	24 - 24 Hour Composite
					Permit Req.								<=	1.0 MO AVG	<=	2.0 DAILY MX	19 - mg/L			
					Value NODI															
00665	Phosphorus, total [as P]	G - Raw Sewage Influent	0	--	Sample								=	6.51	=	7.4	19 - mg/L	0	01/07 - Weekly	24 - 24 Hour 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	=	0.1938	=	0.4425	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	=	0.205	=	0.3852	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							=	4.3	=	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															
80082	BOD, carbonaceous [5 day, 20 C]	1 - Effluent Gross	0	--	Sample	=	7.69	=	14.1	26 - lb/d		=	5.0	=	9.0	19 - mg/L	0	01/07 - Weekly	CP - Composite	
					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		01/07 - Weekly	24 - 24 Hour Composite	
					Value NODI															
80082	BOD, carbonaceous [5 day, 20 C]	G - Raw Sewage Influent	0	--	Sample							=	123.0	=	159.0	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															
80091	BOD, carb-5 day, 20 deg C, percent removal	K - Percent Removal	0	--	Sample						=	95.9				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						=	98.9				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
SORF_COVER_8_25.pdf	pdf	36659.0

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: 2025-09-23 13:30 (Time Zone: -04:00)

Report Last Signed By

User: ALEX.SMITHER@LOUISVILLEMSD.ORG

Name: Charles Smither

E-Mail: alex.smither@louisvillemSD.org

Date/Time: 2025-09-23 13:30 (Time Zone: -04:00)