



Safe, clean waterways

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

September 24th, 2024

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

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

Dear Ms. Dennis:

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

There were no exceedances, overflows 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/SORF 8/24.

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.

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

<b>Report Dates &amp; Status</b>					
<b>Monitoring Period:</b>	From 08/01/24 to 08/31/24	<b>DMR Due Date:</b>	09/28/24	<b>Status:</b>	NetDMR Validated

<b>Considerations for Form Completion</b>					
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<b>Principal Executive Officer</b>					
<b>First Name:</b>	Tony	<b>Title:</b>	Executive Director	<b>Telephone:</b>	502-540-6533
<b>Last Name:</b>	Parrott				

<b>No Data Indicator (NODI)</b>					
<b>Form NODI:</b>	--				

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					=	7.1						19 - mg/L	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					=	7.0			=	8.0		12 - SU	01/07 - Weekly	24 - COMP24		
					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	=	51.5	=	168.0		26 - lb/d		=	16.0	=	39.0		19 - mg/L	01/07 - Weekly	24 - COMP24	
					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								=	219.0	=	310.0		19 - mg/L	01/07 - Weekly	24 - COMP24	
					Permit Req.																
					Value NODI																
00600	Nitrogen, total [as N]	1 - Effluent Gross	0	--	Sample								=	3.3	=	4.9		19 - mg/L	01/07 - Weekly	24 - COMP24	
					Permit Req.																
					Value NODI																
00600	Nitrogen, total [as N]	G - Raw Sewage Influent	0	--	Sample								=	30.63	=	42.1		19 - mg/L	01/07 - Weekly	24 - COMP24	
					Permit Req.																
					Value NODI																
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	1	--	Sample								=	0.2	=	0.2		19 - mg/L	01/07 - Weekly	24 - COMP24	
					Permit Req.																
					Value NODI																
00665	Phosphorus, total [as P]	1 - Effluent Gross	1	--	Sample								=	0.75	=	1.86		19 - mg/L	01/07 - Weekly	24 - COMP24	
					Permit Req.																
					Value NODI																
00665	Phosphorus, total [as P]	G - Raw Sewage Influent	0	--	Sample								=	4.372	=	6.75		19 - mg/L	01/07 - Weekly	24 - COMP24	
					Permit Req.																
					Value NODI																
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	0.246	=	0.747		03 - MGD							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 = 0.26 = 0.775 03 - MGD Permit Req. Req Mon MO AVG Req Mon DAILY MX 03 - MGD Value NODI													99/99 - Continuous RC - Recorder (auto) 99/99 - Continuous RC - Recorder (auto)
51040	E. coli	1 - Effluent Gross	0	--	Sample = 1.5 = 5.0 13 - #/100mL Permit Req. <= 130.0 30DA GEO <= 240.0 7 DA GEO 13 - #/100mL Value NODI													01/07 - Weekly GR - GRAB 01/07 - Weekly GR - GRAB
80082	BOD, carbonaceous [5 day, 20 C]	1 - Effluent Gross	0	--	Sample = 15.8 = 22.0 26 - lb/d = 8.0 = 12.0 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													01/07 - Weekly 24 - COMP24 01/07 - Weekly 24 - COMP24
80082	BOD, carbonaceous [5 day, 20 C]	G - Raw Sewage Influent	0	--	Sample = 181.0 = 269.0 19 - mg/L Permit Req. Req Mon MO AVG Req Mon MX WK AV 19 - mg/L Value NODI													01/07 - Weekly 24 - COMP24 01/07 - Weekly 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													01/30 - Monthly CA - CALCTD 01/30 - Monthly CA - CALCTD
81011	Solids, suspended percent removal	K - Percent Removal	0	--	Sample = 92.9 23 - % Permit Req. >= 85.0 MO AV MN 23 - % Value NODI													01/30 - Monthly CA - CALCTD 01/30 - Monthly 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_8_24.pdf	pdf	26537.0

**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: 2024-09-24 09:11 (Time Zone: -04:00)

**Report Last Signed By**

User: ALEX.SMITHER@LOUISVILLEMSD.ORG  
 Name: Charles Smither  
 E-Mail: alex.smither@louisvillemmsd.org  
 Date/Time: 2024-09-24 09:12 (Time Zone: -04:00)