



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

July 26th, 2024

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

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

Dear Ms. Dennis:

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

There were no overflows or bypasses. There were two exceedances, one for monthly average phosphorus with a result of 1.66 mg/L with a limit of 1.0 mg/L and one for daily maximum phosphorus with a result of 2.5 mg/L with a limit of 2.0 mg/L.

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

Sincerely,

Alex Smither
Process Supervisor

CAS/SORF 6/24.

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

Report Dates & Status			
Monitoring Period:	From 06/01/24 to 06/30/24	DMR Due Date:	07/28/24
Status:	NetDMR Validated		

Considerations for Form Completion

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

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	=	7.1								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	=	7.23				=	7.39			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	=	20.9	=	29.8	26 - lb/d		=	12.0	=	17.0	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						=	286.0	=	496.0	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						=	4.9	=	8.6	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						=	47.3	=	65.0	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																	
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	1	--	Sample						=	0.2	=	0.2	19 - mg/L	0	01/07 - Weekly	CP - COMPOS				
					Permit Req.										<=		2.0 MO AVG	<=	3.0 DAILY MX	19 - mg/L	01/07 - Weekly	24 - COMP24
					Value NODI																	
X 00665	Phosphorus, total [as P]	1 - Effluent Gross	1	--	Sample						=	1.66	=	2.5	19 - mg/L	0	01/07 - Weekly	24 - COMP24				
					Permit Req.										<=		1.0 MO AVG	<=	2.0 DAILY MX	19 - mg/L	01/07 - Weekly	24 - COMP24
					Value NODI																	
00665	Phosphorus, total [as P]	G - Raw Sewage Influent	0	--	Sample						=	7.09	=	9.8	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	=	0.1972	=	0.3151	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)				

