



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

January 19th, 2024

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

**RE: SORF STP, KPDES No: KY0111716
Discharge Monitoring Report for December 2023.**

Dear Ms. Dennis:

Attached are the Discharge Monitoring Report (DMR) for the SORF STP, for the month December 2023.

There were no overflows or bypasses.

There was one exceedance. pH result of 9.12 with a permit limit of 9.0.

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

Sincerely,

Alex Smither
Process Supervisor

CAS/SORF 12/23.

Cc: V. Teague, B. Tinnel



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

**RE: SORF STP, KPDES No: KY0111716
4th Quarter Biomonitoring for December 2023.**

Dear Ms. Dennis:

Attached is 4th quarter biomonitoring for the SORF STP, for the month December 2023.

No Exceedance reported.

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

Sincerely,

Alex Smither
Process Supervisor

CAS/SORF 12/23.

Cc: V. Teague, B. Tinnel

Parameter Code	Parameter Name	Monitoring Location	Field	Type	Description	Units	Frequency	Method
50050	Flow, in conduit or thru treatment plant	G - Raw Sewage Influent	0 --	Sample	0.244	0.479	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				
51040	E. coli	1 - Effluent Gross	0 --	Sample		6.0	13 - #/100mL	01/07 - Weekly GR - GRAB
				Permit Req.		130.0 30DA GEO	13 - #/100mL	01/07 - Weekly GR - GRAB
				Value NODI				
80082	BOD, carbonaceous [5 day, 20 C]	1 - Effluent Gross	0 --	Sample	104.4 MO AVG	156.4 MX WK AV	26 - lb/d	01/07 - Weekly 24 - COMP24
				Permit Req.				
				Value NODI	B - Below Detection Limit/No Detection	B - Below Detection Limit/No Detection		
80082	BOD, carbonaceous [5 day, 20 C]	G - Raw Sewage Influent	0 --	Sample		192.0	19 - mg/L	01/07 - Weekly 24 - COMP24
				Permit Req.		Req Mon MO AVG	19 - mg/L	01/07 - Weekly 24 - COMP24
				Value NODI				
80091	BOD, carb-5 day, 20 deg C, percent removal	K - Percent Removal	0 --	Sample		98.0	23 - %	01/30 - Monthly CA - CALCTD
				Permit Req.		85.0 MO AV MN	23 - %	01/30 - Monthly CA - CALCTD
				Value NODI				
81011	Solids, suspended percent removal	K - Percent Removal	0 --	Sample		97.0	23 - %	01/30 - Monthly CA - CALCTD
				Permit Req.		85.0 MO AV MN	23 - %	01/30 - Monthly CA - CALCTD
				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

Parameter Code	Parameter Name	Monitoring Location	Field	Type	Description	Acknowledge
00400	pH	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_12_23.pdf	pdf	41406.0

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: 2024-01-19 10:20 (Time Zone: -05:00)

Report Last Signed By

User: ALEX.SMITHER@LOUISVILLEMSD.ORG
 Name: Charles Smither
 E-Mail: alex.smither@louisvillemmsd.org
 Date/Time: 2024-01-19 10:20 (Time Zone: -05:00)

DMR Copy of Record

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:	001-2 Domestic Wastewater from Publicly Owned Treatment Works														
Report Dates & Status																			
Monitoring Period:	From 10/01/23 to 12/31/23			DMR Due Date:	01/28/24				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			
61406	Toxicity, final conc toxicity units	1 - Effluent Gross	0	--	Sample Permit Req.											2G - tox chronic		01/90 - Quarterly	24 - COMP24
				Value NODI												B - Below Detection Limit/No Detection			
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				
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