



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

August 21st, 2025

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

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

Dear Ms. Dennis:

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

Overflow report attached.

There were no 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 7/25.

Cc: V. Teague, B. Tinnel

					Value NODI														
50050	Flow, in conduit or thru treatment plant	G - Raw Sewage Influent	0	--	Sample = 0.3368 = 1.0622 03 - MGD Permit Req. Req Mon MO AVG Req Mon DAILY MX 03 - MGD Value NODI													0	01/07 - Weekly CA - Calculated 99/99 - Continuous RC - Recorder (auto)
51040	E. coli	1 - Effluent Gross	0	--	Sample = 11.5 = 223.0 13 - #/100mL Permit Req. <= 130.0 30DA GEO <= 240.0 7 DA GEO 13 - #/100mL Value NODI													0	01/07 - Weekly GR - Grab 01/07 - Weekly GR - Grab
80082	BOD, carbonaceous [5 day, 20 C]	1 - Effluent Gross	0	--	Sample = 7.37 = 10.8 26 - lb/d = 3.0 = 3.0 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													0	01/07 - Weekly CP - Composite 01/07 - Weekly 24 - 24 Hour Composite
80082	BOD, carbonaceous [5 day, 20 C]	G - Raw Sewage Influent	0	--	Sample = 90.0 = 116.0 19 - mg/L Permit Req. Req Mon MO AVG Req Mon MX WK AV 19 - mg/L Value NODI													0	01/07 - Weekly CP - Composite 01/07 - Weekly 24 - 24 Hour Composite
80091	BOD, carb-5 day, 20 deg C, percent removal	K - Percent Removal	0	--	Sample = 96.7 23 - % Permit Req. >= 85.0 MO AV MN 23 - % Value NODI													0	01/30 - Monthly CA - Calculated 01/30 - Monthly CA - Calculated
81011	Solids, suspended percent removal	K - Percent Removal	0	--	Sample = 98.2 23 - % Permit Req. >= 85.0 MO AV MN 23 - % Value NODI													0	01/30 - Monthly CA - Calculated 01/30 - Monthly 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

No errors.

Comments

Attachments

Name	Type	Size
SORF_OVERFLOWS_7_25.pdf	pdf	63630.0
SORF_COVER_7_25.pdf	pdf	34247.0

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: 2025-08-21 11:05 (Time Zone: -04:00)

Report Last Signed By

User: ALEX.SMITHER@LOUISVILLEMSD.ORG
Name: Charles Smither
E-Mail: alex.smither@louisvillemmsd.org
Date/Time: 2025-08-21 11:05 (Time Zone: -04:00)



**IMSAST0004
Overflow Report
7/1/2025 12:00:00 AM to 7/31/2025 12:00:00 AM**

KPDES #	Facility ID	Water Quality Treatment Center	Receiving Stream of Discharge	Region
KY0111716	WQTCSO	SOUTH OLDHAM WQTC	SOUTH FORK HARRODS CREEK	OLDHAM

Facility Type	Facility ID	Facility Address	Receiving Stream	Discharge To
Sewer Treatment Plant	WQTCSO	6115 HITT LN	SOUTH FORK HARRODS CREEK	STREAM

Activity Code / Description	WO #	Ref #	Initiated on	Initiated By	Assigned To	Dish Status	Event Date	Problem Desc	Result	Completed	Condition
DISREV:RAIN EVENT DISCHARGE	3968397		7/17/2025 7:30:00 PM	SMITHER	SMITHER	REPAIRED - ISSUE RESOLVED	7/17/2025 12:00:00 AM	BYPASS AT WQTC	UNAUTHORIZED DISCHARGE-WATERS	07/17/25 07:35 PM	

Discharge Reporting:

Discharge Amount:	10,000 GAL
Cause:	ELECTRICAL PROBLEM WITH MSD EQUIPMENT/ASSET, UV FAULTED AND NO EQ PUMPS WERE RUNNING.
Clean Up:	CLEANED AND SANITIZED THE IMPACTED AREA.
Control Zone:	OVERFLOW CONTAINED ON MSD PROPERTY.
Impact:	SEWAGE/DEBRIS/SOLIDS/PERSONAL HYGIENE PRODUCTS FOUND ON THE GROUND.
Repair:	RESET EQUIPMENT AND GOT PLANT BACK TO NORMAL OPERATING LEVEL.
Public Notification:	OVERFLOW CONTAINED ON MSD PROPERTY.

Notifications:

7/18/25 1:00 AM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
-----------------	--------	---