



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

October 21st, 2025

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

**RE: Kentucky State Reformatory STP, KPDES No: KY00400126
Discharge Monitoring Report for September 2025.**

Dear Ms. Dennis:

Attached are the Discharge Monitoring Report (DMR) for the Kentucky State Reformatory STP, for the month September 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/KSR 9/25

Cc: V. Teague, B. Tinnel

					Value NODI															
01119	Copper, total recoverable	1 - Effluent Gross	0	--	Sample = 0.0193 = 0.023 19 - mg/L															01/07 - Weekly CP - Composite
					Permit Req. Req Mon MO AVG															01/07 - Weekly 24 - 24 Hour Composite
					Value NODI															
34306	Chlorodibromomethane	1 - Effluent Gross	0	--	Sample = 5.0 = 28 - ug/L															01/07 - Weekly CP - Composite
					Permit Req. <= 13.0 MO AVG															01/07 - Weekly 24 - 24 Hour Composite
					Value NODI															
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample = 0.6047 = 0.836 03 - MGD															99/99 - Continuous RC - Recorder (auto)
					Permit Req. Req Mon MO AVG															99/99 - Continuous RC - Recorder (auto)
					Value NODI															
50050	Flow, in conduit or thru treatment plant	G - Raw Sewage Influent	0	--	Sample = 0.7123 = 0.8921 03 - MGD															01/07 - Weekly CA - Calculated
					Permit Req. Req Mon MO AVG															01/07 - Weekly CA - Calculated
					Value NODI															
50060	Chlorine, total residual	1 - Effluent Gross	0	--	Sample = 0.01 = 0.01 19 - mg/L															01/07 - Weekly GR - Grab
					Permit Req. <= 0.011 MO AVG <= 0.019 DAILY MX															01/07 - Weekly GR - Grab
					Value NODI															
51040	E. coli	1 - Effluent Gross	0	--	Sample = 60.8 = 125.0 13 - #/100mL															01/07 - Weekly GR - Grab
					Permit Req. <= 130.0 30DA GEO <= 240.0 7 DA GEO															01/07 - Weekly GR - Grab
					Value NODI															
80082	BOD, carbonaceous [5 day, 20 C]	1 - Effluent Gross	0	--	Sample = 25.0 = 35.0 26 - lb/d															01/07 - Weekly CP - Composite
					Permit Req. <= 83.5 MO AVG <= 125.0 MX WK AV 26 - lb/d															01/07 - Weekly 24 - 24 Hour Composite
					Value NODI															
80082	BOD, carbonaceous [5 day, 20 C]	G - Raw Sewage Influent	0	--	Sample = 301.0 = 626.0 19 - mg/L															01/07 - Weekly CP - Composite
					Permit Req. Req Mon MO AVG															01/07 - Weekly 24 - 24 Hour Composite
					Value NODI															
80091	BOD, carb-5 day, 20 deg C, percent removal	K - Percent Removal	0	--	Sample = 98.3 = 23 - %															01/30 - Monthly CA - Calculated
					Permit Req. >= 85.0 MO AV MN															01/30 - Monthly CA - Calculated
					Value NODI															
81011	Solids, suspended percent removal	K - Percent Removal	0	--	Sample = 98.2 = 23 - %															01/30 - Monthly CA - Calculated
					Permit Req. >= 85.0 MO AV MN															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
KSR_COVER_9_25.pdf	pdf	36678.0
KSR_OVERFLOW_REPORT_9_25.pdf	pdf	58424.0

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: 2025-10-21 12:20 (Time Zone: -04:00)

Report Last Signed By

User: ALEX.SMITHER@LOUISVILLEMSD.ORG
Name: Charles Smither
E-Mail: alex.smither@louisvillemSD.org
Date/Time: 2025-10-21 12:26 (Time Zone: -04:00)



**IMSAST0004
Overflow Report
9/1/2025 12:00:00 AM to 9/30/2025 12:00:00 AM**

KPDES #	Facility ID	Water Quality Treatment Center	Receiving Stream of Discharge	Region
KY0040126	WQTCKS	KSR WQTC	CEDAR CREEK	OLDHAM

Facility Type	Facility ID	Facility Address	Receiving Stream	Discharge To
Sewer Lift Station	SSPSKS-DISW	1815 N STHY 393	CURRYS FORK	GROUND

Activity Code / Description	WO #	Ref #	Initiated on	Initiated By	Assigned To	Dish Status	Event Date	Problem Desc	Result	Completed	Condition
DISDW: DRY WEATHER DISCHARGE	3994163		9/10/2025 2:35:00 PM	PARKER	SMITH	QUEUED FOR INVESTIGATION / REPAIR	1/12/2023 12:00:00 AM	MECHANICAL FAILURE	UNAUTHORIZED DISCHARGE- WATERS	09/10/25 03:00 PM	

Discharge Reporting:

Discharge Amount:	1,750 GAL
Cause:	MECHANICAL FAILURE (W/O #3994153. DISCOVERED ILLICIT DUMPING OF POOL WATER INTO THE SYSTEM).
Clean Up:	CLEANED AND SANITIZED THE IMPACTED AREA.
Control Zone:	PLACED TEMPORARY SIGNS AROUND THE IMPACTED AREA.
Impact:	SEWAGE/DEBRIS/SOLIDS/PERSONAL HYGIENE PRODUCTS FOUND ON THE GROUND.
Repair:	INSTRUCTED OLDHAM COUNTRY CLUB TO STOP DRAINING POOL INTO THE SYSTEM.
Public Notification:	PLACED TEMPORARY SIGNS AROUND THE IMPACTED AREA.

Notifications:

9/11/25 1:00 AM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO: DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
-----------------	--------	--