



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

December 16th, 2023

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

**RE: Kentucky State Reformatory STP, KPDES No: KY00400126  
Discharge Monitoring Report for November 2023.**

Dear Ms. Dennis:

Attached are the Discharge Monitoring Report (DMR) for the Kentucky State Reformatory STP, for the month November 2023.

There were no exceedances, overflows, bypasses.

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

Sincerely,

Alex Smither  
Process Supervisor

Cc: V. Teague, B. Tinnel



50050	Flow, in conduit or thru treatment plant	G - Raw Sewage Influent	0	--	Sample = 0.54 = 0.566 03 - MGD Permit Req. Req Mon MO AVG Req Mon MX WK AV 03 - MGD Value NODI												01/07 - Weekly CA - CALCTD 01/07 - Weekly CA - CALCTD
50060	Chlorine, total residual	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI					< 0.01 <= 0.011 MO AVG	< 0.01 <= 0.019 DAILY MX	19 - mg/L 19 - mg/L	01/07 - Weekly 01/07 - Weekly	GR - GRAB GR - GRAB			
51040	E. coli	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI					= 54.0 <= 130.0 30DA GEO	= 172.0 <= 240.0 7 DA GEO	13 - #/100mL 13 - #/100mL	01/07 - Weekly 01/07 - Weekly	GR - GRAB GR - GRAB			
80082	BOD, carbonaceous [5 day, 20 C]	1 - Effluent Gross	0	--	Sample = 39.6 = 47.1 26 - lb/d Permit Req. <= 83.5 MO AVG <= 125.0 MX WK AV 26 - lb/d Value NODI					= 9.0 <= 10.0 MO AVG	= 11.0 <= 15.0 MX WK AV	19 - mg/L 19 - mg/L	01/07 - Weekly 01/07 - Weekly	24 - COMP24 24 - COMP24			
80082	BOD, carbonaceous [5 day, 20 C]	G - Raw Sewage Influent	0	--	Sample Permit Req. Value NODI					= 222.0 Req Mon MO AVG	= 293.0 Req Mon MX WK AV	19 - mg/L 19 - mg/L	01/07 - Weekly 01/07 - Weekly	24 - COMP24 24 - COMP24			
80091	BOD, carb-5 day, 20 deg C, percent removal	K - Percent Removal	0	--	Sample = 95.8 Permit Req. >= 85.0 MO AV MN Value NODI							23 - % 23 - %	01/30 - Monthly 01/30 - Monthly	CA - CALCTD CA - CALCTD			
81011	Solids, suspended percent removal	K - Percent Removal	0	--	Sample = 92.9 Permit Req. >= 85.0 MO AV MN Value NODI							23 - % 23 - %	01/30 - Monthly 01/30 - Monthly	CA - CALCTD 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
KSR_COVER_11_23.pdf	pdf	34489.0

**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: 2023-12-16 14:14 (Time Zone: -05:00)

**Report Last Signed By**

User: ALEX.SMITHER@LOUISVILLEMSD.ORG  
Name: Charles Smither  
E-Mail: alex.smither@louisvillemSD.org  
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