



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

February 26th, 2024

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

**RE: Kentucky State Reformatory STP, KPDES No: KY00400126  
Discharge Monitoring Report for January 2024.**

Dear Ms. Dennis:

Attached are the Discharge Monitoring Report (DMR) for the Kentucky State Reformatory STP, for the month January 2024.

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  
CAS 1/24

Cc: V. Teague, B. Tinnel



50050	Flow, in conduit or thru treatment plant	G - Raw Sewage Influent	0	--	Sample = 0.818 = 1.055 03 - MGD Permit Req. Req Mon MO AVG Req Mon MX WK AV 03 - MGD Value NODI									0	99/99 - Continuous 01/07 - Weekly	RC - Recorder (auto) CA - CALCTD
50060	Chlorine, total residual	1 - Effluent Gross	0	--	Sample = 0.01 = 0.01 19 - mg/L Permit Req. <= 0.011 MO AVG <= 0.019 DAILY MX 19 - mg/L Value NODI									0	01/07 - Weekly 01/07 - Weekly	GR - GRAB GR - GRAB
51040	E. coli	1 - Effluent Gross	0	--	Sample = 1.86 = 3.0 13 - #/100mL Permit Req. <= 130.0 30DA GEO <= 240.0 7 DA GEO 13 - #/100mL Value NODI									0	01/07 - Weekly 01/07 - Weekly	GR - GRAB GR - GRAB
80082	BOD, carbonaceous [5 day, 20 C]	1 - Effluent Gross	0	--	Sample = 40.0 = 73.0 26 - lb/d Permit Req. <= 83.5 MO AVG <= 125.0 MX WK AV 26 - lb/d Value NODI									0	01/07 - Weekly 01/07 - Weekly	CP - COMPOS 24 - COMP24
80082	BOD, carbonaceous [5 day, 20 C]	G - Raw Sewage Influent	0	--	Sample = 193.0 = 216.0 19 - mg/L Permit Req. Req Mon MO AVG Req Mon MX WK AV 19 - mg/L Value NODI									0	01/07 - Weekly 01/07 - Weekly	CP - COMPOS 24 - COMP24
80091	BOD, carb-5 day, 20 deg C, percent removal	K - Percent Removal	0	--	Sample = 96.6 23 - % Permit Req. >= 85.0 MO AV MN 23 - % Value NODI									0	01/30 - Monthly 01/30 - Monthly	CA - CALCTD CA - CALCTD
81011	Solids, suspended percent removal	K - Percent Removal	0	--	Sample = 96.2 23 - % Permit Req. >= 85.0 MO AV MN 23 - % Value NODI									0	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_1_24.pdf	pdf	36256.0

**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: 2024-02-26 10:39 (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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