



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

November 22th, 2023

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

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

Dear Ms. Dennis:

Attached are the Discharge Monitoring Report (DMR) for the Kentucky State Reformatory STP, for the month October 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 = 0.569 = 0.592 03 - MGD													01/07 - Weekly	CA - CALCTD
					Permit Req. Req Mon MO AVG													01/07 - Weekly	CA - CALCTD
					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	19 - mg/L						01/07 - Weekly	GR - GRAB
					Value NODI														
51040	E. coli	1 - Effluent Gross	0	--	Sample					= 12.7	= 37.0	13 - #/100mL						01/07 - Weekly	GR - GRAB
					Permit Req.					<= 130.0 30DA GEO	<= 240.0 7 DA GEO	13 - #/100mL						01/07 - Weekly	GR - GRAB
					Value NODI														
80082	BOD, carbonaceous [5 day, 20 C]	1 - Effluent Gross	0	--	Sample = 32.9 = 43.4 26 - lb/d					= 8.0	= 11.0	19 - mg/L						01/07 - Weekly	24 - COMP24
					Permit Req. <= 83.5 MO AVG <= 125.0 MX WK AV 26 - lb/d					<= 10.0 MO AVG	<= 15.0 MX WK AV	19 - mg/L						01/07 - Weekly	24 - COMP24
					Value NODI														
80082	BOD, carbonaceous [5 day, 20 C]	G - Raw Sewage Influent	0	--	Sample					= 204.0	= 257.0	19 - mg/L						01/07 - Weekly	24 - COMP24
					Permit Req.					Req Mon MO AVG	Req Mon MX WK AV	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 = 96.0							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 = 94.5							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

No errors.

Comments

Attachments

Name	Type	Size
KSR_Cover_10_23.pdf	pdf	33994.0

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: 2023-11-22 09:17 (Time Zone: -05:00)

Report Last Signed By

User: ALEX.SMITHER@LOUISVILLEMSD.ORG
Name: Charles Smither
E-Mail: alex.smither@louisvillemSD.org
Date/Time: 2023-11-22 09:18 (Time Zone: -05:00)