



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

October 12th, 2023

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

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

Dear Ms. Dennis:

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

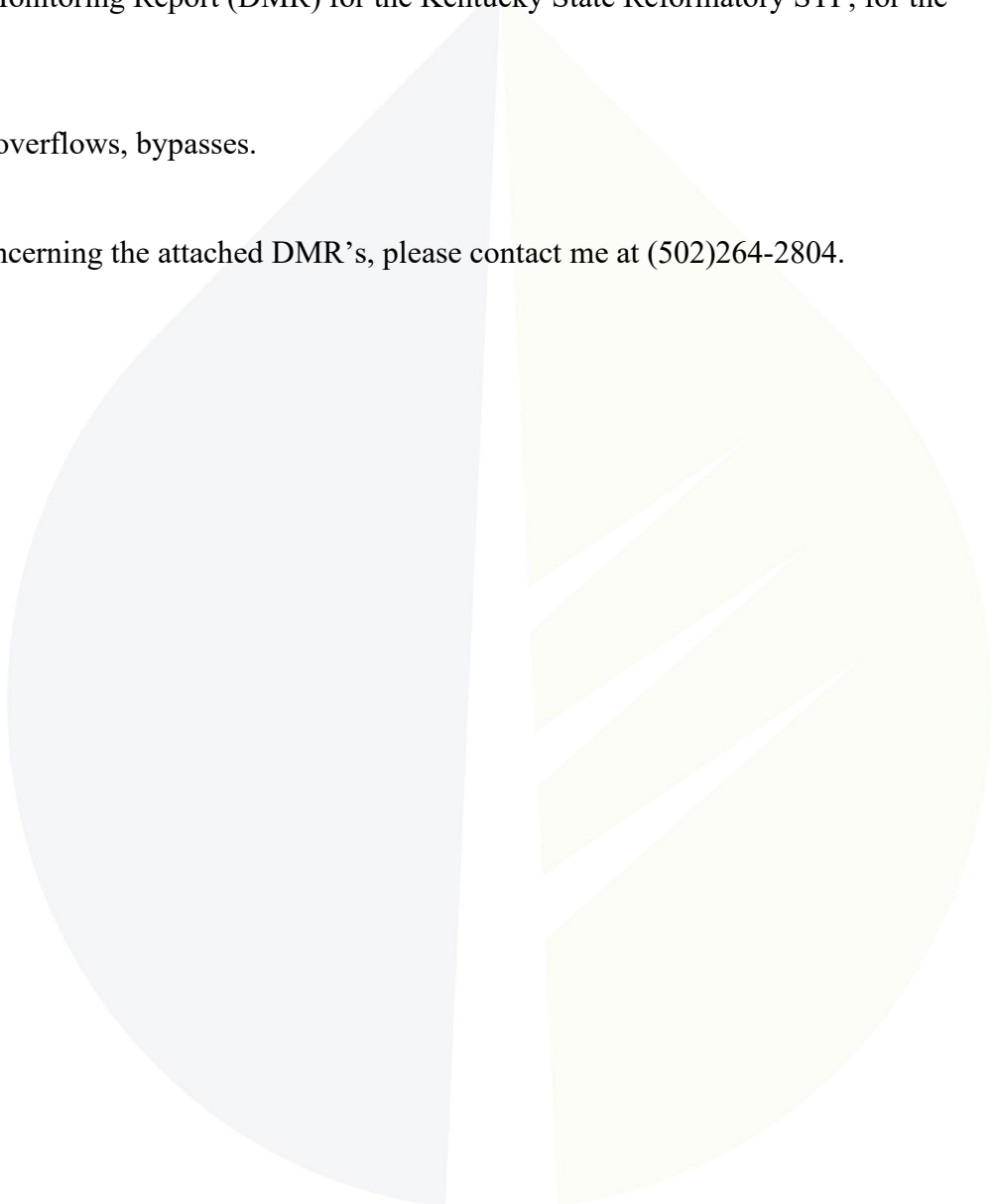
There were no exceedances, overflows, bypasses.

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 = 0.655 = 0.668 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					= 6.1	= 27.0	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 = 19.6 = 27.7 26 - lb/d					= 6.0	= 7.0	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					= 224.0	= 302.0	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					= 97.0		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					= 96.7		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.docx	docx	280429.0

**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: 2023-10-12 11:56 (Time Zone: -04:00)

**Report Last Signed By**

User: ALEX.SMITHER@LOUISVILLEMSD.ORG  
Name: Charles Smither  
E-Mail: alex.smither@louisvillemmsd.org  
Date/Time: 2023-10-12 11:56 (Time Zone: -04:00)

## DMR Copy of Record

Permit																					
Permit #:		KY0040126			Permittee:				Louisville and Jefferson County MSD				Facility:		KY STATE REFORMATORY WWTP						
Major:		Yes			Permittee Address:				700 West Liberty St Louisville, KY 40203				Facility Location:		3001 W HWY 146 LA GRANGE, KY 40031						
Permitted Feature:		001 External Outfall			Discharge:				001-2 QUARTERLY BIOMONITORING												
Report Dates & Status																					
Monitoring Period:		From 07/01/23 to 09/30/23			DMR Due Date:				10/28/23				Status:		NetDMR Validated						
Considerations for Form Completion																					
Principal Executive Officer																					
First Name:		Tony			Title:				Executive Director				Telephone:		502-540-6533						
Last Name:		Parrott																			
No Data Indicator (NODI)																					
Form NODI:		--																			
Code	Parameter Name	Monitoring Location	Season #	Param. NODI		Quantity or Loading				Quality or Concentration					# of Ex.	Frequency of Analysis	Sample Type				
						Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units				
61406	Toxicity, final conc toxicity units	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI											<	1.0	2G - tox chronic		01/90 - Quarterly	GR - GRAB
																<=	1.0 MAXIMUM	2G - tox chronic		01/90 - Quarterly	GR - GRAB
Submission Note																					
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Edit Check Errors																					
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Name:		Charles Smither																			
E-Mail:		alex.smither@louisvillemSD.org																			
Date/Time:		2023-10-23 12:29 (Time Zone: -04:00)																			
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