



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: Ohio River STP, KPDES No: KY0106143
Discharge Monitoring Report for September 2023.**

Dear Ms. Dennis:

Attached are the Discharge Monitoring Report (DMR) for the Ohio River STP, for the month September 2023.

There were no overflows or bypasses.

There were two exceedances, TSS weekly average limit of 45.0 with a result of 60.0, E. Coli 7 Day Geo limit of 240.0 with a result of 308.0. We have made adjustments to the plants operation and repaired the UV system.

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

Sincerely,

Alex Smither
Process Supervisor

CAS/OR 8/23.

Cc: V. Teague, B. Tinnel

X 51040	E. coli	1 - Effluent Gross	0	--	Sample						=	48.5	=	308.0	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												
81010	BOD, 5-day, 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						=	88.1			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

Parameter		Monitoring Location	Field	Type	Description	Acknowledge
Code	Name					
51040	E. coli	1 - Effluent Gross	Quality or Concentration Sample Value 3	Soft	The provided sample value is outside the permit limit. Please verify that the value you have provided is correct.	Yes
00530	Solids, total suspended	1 - Effluent Gross	Quality or Concentration Sample Value 3	Soft	The provided sample value is outside the permit limit. Please verify that the value you have provided is correct.	Yes

Comments

Attachments

Name	Type	Size
OhioRiver_Cover_9_23.pdf	pdf	39296.0

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 12:29 (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 12:29 (Time Zone: -04:00)

DMR Copy of Record

Permit																				
Permit #:	KY0106143				Permittee:	Louisville and Jefferson County MSD				Facility:	OHIO RIVER WWTP									
Major:	Yes				Permittee Address:	700 W Liberty St Louisville, KY 40203				Facility Location:	1901 LANDING RD GOSHEN, KY 40026									
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										<	1.0	2F - tox acute		01/90 - Quarterly	24 - COMP24
					Permit Req.										<=	1.0 MAXIMUM	2F - tox acute		01/90 - Quarterly	24 - COMP24
					Value NODI															
Submission Note																				
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Edit Check Errors																				
No errors.																				
Comments																				
Attachments																				
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