



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

June 20, 2024

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

**RE: Bullitt Hills STP, KPDES No: KY0034801
Discharge Monitoring Report for May 2024.**

Dear Ms. Dennis:

Attached are the Discharge Monitoring Report (DMR) for the Bullitt Hills STP, for the month of May 2024.

There were two exceedances for May. Nitrogen, Ammonia Total Daily Max permit limit is 6.0 mg/l sample result was 28.3 mg/l. Nitrogen Ammonia Total monthly average permit limit is 4.0 mg/l sample result was 14.1 mg/l. The two exceedances were due to high amounts of flow coming through the plant due to rainfall.

There were no overflows, or discharges to report.

If you have any questions concerning the attached DMR's, please contact me at (502) 540-6717

Sincerely,

Jon Baldridge
Process Supervisor

JOB/ BH 03/23.

Cc: V. Teague / B. Tinnell

EPA may make all the information submitted through this form (including all attachments) available to the public without further notice to you. Do not use this online form to submit personal information (e.g., non-business cell phone number or non-business email address), confidential business information (CBI), or if you intend to assert a CBI claim on any of the submitted information. Pursuant to 40 CFR 2.203(a), EPA is providing you with notice that all CBI claims must be asserted at the time of submission. EPA cannot accommodate a late CBI claim to cover previously submitted information because efforts to protect the information are not administratively practicable since it may already be disclosed to the public. Although we do not foresee a need for persons to assert a claim of CBI based on the types of information requested in this form, if persons wish to assert a CBI claim we direct submitters to contact the [NPDES eReporting Help Desk](#) for further guidance. Please note that EPA may contact you after you submit this report for more information.

This collection of information is approved by OMB under the Paperwork Reduction Act, 44 U.S.C. 3501 et seq. (OMB Control No. 2040-0004). Responses to this collection of information are mandatory in accordance with this permit and EPA NPDES regulations 40 CFR 122.41(l)(4)(i). An agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a currently valid OMB control number. The public reporting and recordkeeping burden for this collection of information are estimated to average 2 hours per outfall. Send comments on the Agency's need for this information, the accuracy of the provided burden estimates and any suggested methods for minimizing respondent burden to the Regulatory Support Division Director, U.S. Environmental Protection Agency (2821T), 1200 Pennsylvania Ave., NW, Washington, D.C. 20460. Include the OMB control number in any correspondence. Do not send the completed form to this address.

Permit																													
Permit #:		KY0034801			Permittee:					Louisville and Jefferson County MSD					Facility:		BCSD BULLITT HILLS SUBDIVISION												
Major:		No			Permittee Address:					700 W Liberty St Louisville, KY 40203					Facility Location:		12105 PRESTON HWY HILLVIEW, KY 40229												
Permitted Feature:		001 External Outfall			Discharge:					001-1 Domestic Wastewater																			
Report Dates & Status																													
Monitoring Period:					From 05/01/24 to 05/31/24					DMR Due Date:					06/28/24					Status:					NetDMR Validated				
Considerations for Form Completion																													
Principal Executive Officer																													
First Name:					James A.					Title:					Executive Director					Telephone:					502-540-6000				
Last Name:					Parrott																								
No Data Indicator (NODI)																													
Form NODI: --																													
Code	Parameter		Monitoring Location	Season #	Param. NODI	Quantity or Loading					Quality or Concentration					# of Ex.	Frequency of Analysis	Sample Type											
	Name					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3				Value 3	Units									
00300	Oxygen, dissolved [DO]	1 - Effluent Gross	0	--	Sample						=	7.1					19 - mg/L	0	01/07 - Weekly	GR - GRAB									
					Permit Req.						>=	7.0 INST MIN					19 - mg/L		01/07 - Weekly	GR - GRAB									
					Value NODI																								
00400	pH	1 - Effluent Gross	0	--	Sample						=	6.7					=	7.3	12 - SU	0	01/07 - Weekly	GR - GRAB							
					Permit Req.						>=	6.0 MINIMUM					<=	9.0 MAXIMUM	12 - SU		01/07 - Weekly	GR - GRAB							
					Value NODI																								
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample								=	13.0				=	23.0	19 - mg/L	0	01/07 - Weekly	CP - COMPOS						
					Permit Req.								<=	30.0 MO AVG				<=	45.0 MX WK AV	19 - mg/L		01/07 - Weekly	CP - COMPOS						
					Value NODI																								
00600	Nitrogen, total [as N]	1 - Effluent Gross	0	--	Sample								=	20.1				=	26.9	19 - mg/L	0	01/07 - Weekly	CP - COMPOS						
					Permit Req.															19 - mg/L		01/07 - Weekly	CP - COMPOS						
					Value NODI																								
X00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	1	--	Sample								=	14.1				=	28.3	19 - mg/L	2	01/07 - Weekly	CP - COMPOS						
					Permit Req.								<=	4.0 MO AVG				<=	6.0 DAILY MX	19 - mg/L		01/07 - Weekly	CP - COMPOS						
					Value NODI																								
00665	Phosphorus, total [as P]	1 - Effluent Gross	0	--	Sample								=	3.59				=	5.09	19 - mg/L	0	01/07 - Weekly	CP - COMPOS						
					Permit Req.															19 - mg/L		01/07 - Weekly	CP - COMPOS						
					Value NODI																								
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	0.254	=	0.549	03 - MGD										0	01/07 - Weekly	IN - INSTAN							
					Permit Req.																	01/07 - Weekly	IN - INSTAN						
					Value NODI																								
50060	Chlorine, total residual	1 - Effluent Gross	0	--	Sample								<	0.01				<	0.01	19 - mg/L	0	01/07 - Weekly	GR - GRAB						
					Permit Req.															19 - mg/L		01/07 - Weekly	GR - GRAB						
					Value NODI																								
51040	E. coli	1 - Effluent Gross	0	--	Sample								=	10.0				=	39.0	13 - #/100mL	0	01/07 - Weekly	GR - GRAB						
					Permit Req.															13 - #/100mL		01/07 - Weekly	GR - GRAB						
					Value NODI																								
80082	BOD, carbonaceous [5 day, 20 C]	1 - Effluent Gross	0	--	Sample								=	6.0				=	10.0	19 - mg/L	0	01/07 - Weekly	CP - COMPOS						
					Permit Req.															19 - mg/L		01/07 - Weekly	CP - COMPOS						
					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					
00610	Nitrogen, ammonia total [as N]	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
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	Quality or Concentration Sample Value 2	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
BH.pdf	pdf	37702.0

Report Last Saved By**Louisville and Jefferson County MSD**

User: JON.BALDRIDGE@LOUISVILLEMSD.ORG
 Name: Jonathan Baldrige
 E-Mail: jon.baldrige@louisvillemmsd.org
 Date/Time: 2024-06-20 13:29 (Time Zone: -04:00)

Report Last Signed By

User: JON.BALDRIDGE@LOUISVILLEMSD.ORG
 Name: Jonathan Baldrige
 E-Mail: jon.baldrige@louisvillemmsd.org
 Date/Time: 2024-06-20 13:42 (Time Zone: -04:00)