



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

March 13, 2024

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

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

Dear Ms. Dennis:

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

There were two exceedances for February. Nitrogen, Ammonia Total Daily Max permit limit is 15 mg/L sample result was 42 mg/L. Nitrogen Ammonia Total monthly average permit limit is 10 mg/L sample result was 16.5 mg/L. The two exceedances were due to low D.O. that was caused by the broken main airline that supplies the air for the plant.

There were no overflows or discharges to report.

If you have any questions concerning the attached DMR's, please contact me at (502)587-5858.

Sincerely,

Jon Baldrige  
Process Supervisor

JOB/ BH 2/23.

Cc: V. Teague / B. Tinnell

DMR Copy of Record

<b>Permit</b>			
Permit #:	KY0034801	Permittee:	Louisville and Jefferson County MSD
Major:	No	Permittee Address:	700 W Liberty St Louisville, KY 40203
Permitted Feature:	001 External Outfall	Discharge:	001-1 Domestic Wastewater
Facility:	BCSD BULLITT HILLS SUBDIVISION		
Facility Location:	12105 PRESTON HWY HILLVIEW, KY 40229		

<b>Report Dates &amp; Status</b>			
Monitoring Period:	From 02/01/24 to 02/29/24	DMR Due Date:	03/28/24
Status:	NetDMR Validated		

**Considerations for Form Completion**

<b>Principal Executive Officer</b>			
First Name:	James A.	Title:	Executive Director
Last Name:	Parrott	Telephone:	502-540-6000

<b>No Data Indicator (NODI)</b>			
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	
00300	Oxygen, dissolved [DO]	1 - Effluent Gross	0	--	Sample					=	7.2					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					=	6.9			=	7.1	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					=	22.0			=	34.0	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					=	21.73			=	35.7	19 - mg/L	0	01/07 - Weekly	CP - COMPOS	
					Permit Req.											19 - mg/L		01/07 - Weekly	CP - COMPOS	
					Value NODI															
X 00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	2	--	Sample					=	16.55			=	42.0	19 - mg/L	2	01/07 - Weekly	CP - COMPOS	
					Permit Req.					<=	10.0 MO AVG			<=	15.0 DAILY MX	19 - mg/L		01/07 - Weekly	CP - COMPOS	
					Value NODI															
00665	Phosphorus, total [as P]	1 - Effluent Gross	0	--	Sample					=	4.79			=	6.89	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	=	0.224	=	0.316								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.					<=	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					=	1.0			=	1.0	13 - #/100mL	0	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					=	13.0			=	37.0	19 - mg/L	0	01/07 - Weekly	CP - COMPOS	
					Permit Req.					<=	25.0 MO AVG			<=	37.5 MX WK AV	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.

<b>Edit Check Errors</b>						
Code	Parameter Name	Monitoring Location	Field	Type	Description	Acknowledge
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. <b>Please verify that the value you have provided is correct.</b>	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. <b>Please verify that the value you have provided is correct.</b>	Yes

**Comments**

**Attachments**

Name	Type	Size
bullitthills.pdf	pdf	40868.0

**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: 2024-03-18 10:53 (Time Zone: -04:00)

**Report Last Signed By**

User: JON.BALDRIDGE@LOUISVILLEMSD.ORG  
Name: Jonathan Baldrige  
E-Mail: jon.baldrige@louisvillemmsd.org  
Date/Time: 2024-03-19 09:48 (Time Zone: -04:00)