



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

February 19th, 2024

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

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

Dear Ms. Dennis:

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

There were two exceedances for January. Nitrogen, Ammonia Total Daily Max permit limit is 15 mg/L sample result was 17.6 mg/L. BOD maximum weekly permit limit is 37.5 mg/L sample result was 38 mg/L. The two exceedances were due to high effluent flow due to rain and winter weather.

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 12/23.

Cc: V. Teague / B. Tinnell

DMR Copy of Record

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 01/01/24 to 01/31/24	DMR Due Date:	02/28/24	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 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					=	7.0					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					=	6.5			=	6.9	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							=	21.0	=	26.0	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							=	19.5	=	22.1	19 - mg/L	0	01/07 - Weekly	CP - COMPOS
					Permit Req.							Req Mon MO AVG		Req Mon MX WK AV	19 - mg/L	01/07 - Weekly		CP - COMPOS	
					Value NODI														
X 00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	2	--	Sample							=	5.58	=	17.6	19 - mg/L	1	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							=	3.06	=	4.46	19 - mg/L	0	01/07 - Weekly	CP - COMPOS
					Permit Req.							Req Mon MO AVG		Req Mon DAILY MX	19 - mg/L	01/07 - Weekly		CP - COMPOS	
					Value NODI														
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	0.41	=	0.847	03 - MGD							0	01/07 - Weekly	IN - INSTAN
					Permit Req.		Req Mon MO AVG		Req Mon DAILY MX	03 - MGD						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														
X 80082	BOD, carbonaceous [5 day, 20 C]	1 - Effluent Gross	0	--	Sample							=	16.0	=	38.0	19 - mg/L	1	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.

Edit Check Errors						
Code	Parameter Name	Monitoring Location	Field	Type	Description	Acknowledge
80082	BOD, carbonaceous [5 day, 20 C]	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 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
bullithills.pdf	pdf	42284.0

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: 2024-02-20 12:45 (Time Zone: -05:00)

Report Last Signed By

User: JON.BALDRIDGE@LOUISVILLEMSD.ORG
Name: Jonathan Baldrige
E-Mail: jon.baldrige@louisvillemmsd.org
Date/Time: 2024-02-20 13:07 (Time Zone: -05:00)