



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

January 20th, 2023

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

**RE: Bullitt Hills STP, KPDES No: KY0034801
Discharge Monitoring Report for December 2022.**

Dear Ms. Dennis:

Attached are the Discharge Monitoring Report (DMR) for the Bullitt Hills STP, for the month December 2022.

There were no overflows or bypasses

There were six exceedances for the Month of December. TSS Monthly Average limit of 30.0mg/l with a result of 71.0 mg/l and TSS Maximum Weekly Average limit of 45.0 mg/l with a result of 125 mg/l. Nitrogen Ammonia Daily Maximum limit of 15.0 with a result of 26.1 mg/l. E.coli 30 Day Geometric limit of 130.0 with a result of 619.0. BOD Monthly Average limit of 25.0 mg/l with a result of 32.0 mg/l and BOD Maximum Weekly Average limit of 37.5 mg/l with a result of 87.0 mg/l. This is a result of elevated flow due to rain as well as complications with equipment as a result from the snow and ice freeze received in late December causing us to shut down parts of the plant.

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

Sincerely,

Joseph Shaun Smith
Process Supervisor

JSS/ BH 12/22.

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 12/01/22 to 12/31/22	DMR Due Date:	01/28/23	Status:	NetDMR Validated

Considerations for Form Completion

Principal Executive Officer						
First Name:	James	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						=	7.22						19 - mg/L	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						=	6.46					=	8.0	12 - SU	01/07 - Weekly	GR - GRAB	
					Permit Req.						>=	6.0 MINIMUM					<=	9.0 MAXIMUM	12 - SU	01/07 - Weekly	GR - GRAB	
					Value NODI																	
X 00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample								=	71.0			=	125.0	19 - mg/L	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								=	28.2			=	33.3	19 - mg/L	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								=	7.53			=	26.1	19 - mg/L	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								=	4.29			=	5.34	19 - mg/L	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						=	0.301	=	0.62	03 - MGD					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	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																	
X 51040	E. coli	1 - Effluent Gross	0	--	Sample								=	619.0			=	44.0	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																	
X 80082	BOD, carbonaceous [5 day, 20 C]	1 - Effluent Gross	0	--	Sample								=	32.0			=	87.0	19 - mg/L	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
51040	E. coli	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
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

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
80082	BOD, carbonaceous [5 day, 20 C]	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
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
00530	Solids, total suspended	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
BHCCoverletter.pdf	pdf	48307.0

Report Last Saved By

Louisville and Jefferson County MSD

User: JOSEPH.SMITH@LOUISVILLEMSD.ORG
 Name: Joseph Smith
 E-Mail: joseph.smith@louisvillemmsd.org
 Date/Time: 2023-01-23 09:53 (Time Zone: -05:00)

Report Last Signed By

User: JOSEPH.SMITH@LOUISVILLEMSD.ORG
 Name: Joseph Smith
 E-Mail: joseph.smith@louisvillemmsd.org
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