



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

June 21st, 2022

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

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

Dear Ms. Dennis:

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

There were no overflows or bypasses

There was two exceedances for the Month of May, Nitrogen Ammonia Monthly Average limit of 4.0 mg/l with a result of 10.8 mg/l and Nitrogen Ammonia Daily Maximum limit of 6.0 mg/l with a result of 32.6 mg/l. This was a result of some blower issues that have been resolved and a mixture of rain having to have the plant down due to high flow.

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 05/22.

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:		Facility Location:	BCSD BULLITT HILLS SUBDIVISION 12105 PRESTON HWY HILLVIEW, KY 40229

<b>Report Dates &amp; Status</b>			
Monitoring Period:	From 05/01/22 to 05/31/22	DMR Due Date:	06/28/22
Status:	NetDMR Validated		

**Considerations for Form Completion**

<b>Principal Executive Officer</b>			
First Name:	James	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					=	7.1					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					=	6.55			=	8.13	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					=	8.0			=	15.0	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					=	8.0			=	12.0	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	1	--	Sample					=	10.8			=	32.6	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					=	1.4			=	2.2	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	=	0.224	=	0.302								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																			
80082	BOD, carbonaceous [5 day, 20 C]	1 - Effluent Gross	0	--	Sample					=	4.0			=	4.0	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. 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
BHCoverletter052022.pdf	pdf	38128.0

**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: 2022-06-21 12:54 (Time Zone: -04:00)

**Report Last Signed By**

User: JOSEPH.SMITH@LOUISVILLEMSD.ORG  
Name: Joseph Smith  
E-Mail: joseph.smith@louisvillemmsd.org  
Date/Time: 2022-06-21 13:17 (Time Zone: -04:00)