

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

July 19, 2024

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

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

Dear Ms. Dennis:

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

There were two exceedances for June. Nitrogen, Ammonia Total Daily Max permit limit is 6.0 mg/l sample result was 46.9 mg/l. Nitrogen Ammonia Total monthly average permit limit is 4.0 mg/l sample result was 23.96 mg/l. The two exceedances were due to the low amount of air flow to the plant. Adjusted blower valves and were able to get DO up higher.

There were no Bypasses, 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 06/23.

Cc: V. Teague / B. Tinnell

DMR Copy of Record

Form Approved OMB No. 2040-0004 expires on 07/31/2026

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 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 <a href="https://www.npace-need-to-public-need-to-publi

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Permit																					
Permit #:		KY0034801			Perm	ittee:		Loui	isville and J	Jefferson County	MSD			Facilit	y:		BCSD BULLIT	T HILLS SU	JBDIVIS	ON	
Major: No			Perm	ittee Addre	ss:		700 W Liberty St Louisville, KY 40203						Facility Location: 12105 PRESTON HWY HILLVIEW, KY 40229								
Permitted	Feature:	001 External Outfall			Disch	arge:		001- Dom	-1 nestic Wast	tewater											
Report Dat	tes & Status				·																
Monitoring	Period:	From 06/01/24 t	o 06/30/24		DMR	Due Date:		07/2	28/24					Status	s:		NetDMR Valid	lated			
Considera	Considerations for Form Completion																				
Principal E	Executive Officer																				
First Name	e:	James A.			Title:			Exe	cutive Direc	ctor				Teleph	none:		502-540-6000				
Last Name	: :	Parrott												,							
No Data In	dicator (NODI)				,																
Form NOD	l:																				
	Parameter		Monitoring Location	Season #	Param. NODI				antity or Loa						Quality or Conc				# of Ex	Frequency of Analysis	Sample Type
Code	Name						Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units			
						Sample							7.1					19 - mg/L			GR - GRAB
00300	Oxygen, dissolved [DO]		1 - Effluent Gross	0		Permit Req.						>= 7	7.0 INST MIN	1				19 - mg/L	0	01/07 - Weekly	GR - GRAB

	Parameter	Monitoring Location	Season #	# Param. NODI		Quantity or Loading								Quality or Concentration				# of Ex	. Frequency of Analysis	Sample Type
Code	Name					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier	2 Value 2	Qualifier :	3 Value 3	Units			
					Sample						=	7.1					19 - mg/L		,	GR - GRAB
00300	Oxygen, dissolved [DO]	1 - Effluent Gross	0		Permit Req.						>=	7.0 INST MIN					19 - mg/L	0	01/07 - Weekly	GR - GRAB
	2.0,92.0, 2.02.00 [2.2]				Value NODI															
					Sample						=	6.9			=	7.7	12 - SU		01/07 - Weekly	GR - GRAB
					Permit Req.							6.0 MINIMUM	1		<=	9.0 MAXIMUM	12 - SU	-	,	GR - GRAB
00400	pH	1 - Effluent Gross	0														0	0		
					Value NODI															
					Sample								=	23.0	=		19 - mg/L			CP - COMPOS
00530	Solids, total suspended	1 - Effluent Gross	0		Permit Req.								<=	30.0 MO AVG	<=	45.0 MX WK AV	19 - mg/L	0	01/07 - Weekly	CP - COMPOS
	•				Value NODI															
					Sample								=	20.4	=	41.6	19 - mg/L		01/07 - Weekly	CP - COMPOS
00000	Nitragan total for NI	1 - Effluent Gross	0		Permit Reg.									Reg Mon MO AVG		Req Mon MX WK AV			,	CP - COMPOS
00600	Nitrogen, total [as N]				Value NODI												0	U	,	
			1		Sample								=	23.96	=	46.9	19 - mg/L		·	CP - COMPOS
X 00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross			Permit Req.								<=	4.0 MO AVG	<=	6.0 DAILY MX	19 - mg/L	2	01/07 - Weekly	CP - COMPOS
					Value NODI															
					Sample								=	4.01	_	7.33	19 - mg/L		01/07 - Weekly	CP - COMPOS
00665	Phosphorus, total [as P]	1 - Effluent Gross	0		Permit Req.									Reg Mon MO AVG		Reg Mon DAILY MX	-			CP - COMPOS
00005	Phosphorus, total [as P]				Value NODI												Ü	U	,	
					Sample		0.183			03 - MGD										IN - INSTAN
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0		Permit Req.		Req Mon MO AVG		Req Mon DAILY MX	03 - MGD								0	01/07 - Weekly	IN - INSTAN
					Value NODI															
					Sample								<	0.01	<	0.01	19 - mg/L		01/07 - Weekly	GR - GRAB
50060	Chlorine, total residual	1 - Effluent Gross	0		Permit Req.								<=	0.011 MO AVG	<=	0.019 DAILY MX	19 - mg/L	0	01/07 - Weekly	GR - GRAB
30000	Ciliotine, total residual	1 - EIIIUEIII GIOSS 0			Value NODI													U		
																				25 25 15
			0		Sample								=	8.0	=	56.0	13 - #/100mL			GR - GRAB
51040	E. coli	1 - Effluent Gross			Permit Req.								<=	130.0 30DA GEO	<=	240.0 7 DA GEO	13 - #/100mL	0	01/07 - Weekly	GR - GRAB
					Value NODI															
					Sample								=	10.0	=	19.0	19 - mg/L		01/07 - Weekly	CP - COMPOS
00000	DOD 1 15 1 00 CT	4 500000	0		Permit Req.								<=	25.0 MO AVG	<=	37.5 MX WK AV	19 - mg/L			CP - COMPOS
80082	BOD, carbonaceous [5 day, 20 C]	1 - Effluent Gross	U															0		

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	Туре	Description	Acknowledge			
Code	Name	Monitoring Location	Field		Description				
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

7. Marinos No.		
Name	Туре	Size
BullittHillscoverletter.docx	docx	330455.0

Report Last Saved By

Louisville and Jefferson County MSD

User: JON.BALDRIDGE@LOUISVILLEMSD.ORG

Name: Jonathan Baldridge

E-Mail: jon.baldridge@louisvillemsd.org

Date/Time: 2024-07-19 09:01 (Time Zone: -04:00)

Report Last Signed By

User: JON.BALDRIDGE@LOUISVILLEMSD.ORG

Name: Jonathan Baldridge

E-Mail: jon.baldridge@louisvillemsd.org

Date/Time: 2024-07-19 10:21 (Time Zone: -04:00)