



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

January 21st, 2022

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

**RE: Bullitt Hills STP, KPDES No: KY0034801
Discharge Monitoring Report for December 2021.**

Dear Ms. Dennis:

Attached are the Discharge Monitoring Report (DMR) for the Bullitt Hills STP, for the month December 2021.

There were no overflows or bypasses.

There was one exceedance for the month of December. Due to some faulty equipment with Sludge Blowers and RAS feed we were above our Maximum Weekly Average Total Suspend Solids permit of 45.0 mg/l causing a violation of 73.0 mg/l.

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 12/21.

Cc: V. Teague
R. Shaw

DMR Copy of Record

Permit

Permit #:
Major:

KY0034801
No

Permittee:
Permittee Address:

Louisville and Jefferson County MSD
700 W Liberty St
Louisville, KY 40203

Facility:
Facility Location:

BCSD BULLITT HILLS SUBDIVISION
12105 PRESTON HWY
HILLVIEW, KY 40229

Permitted Feature:

001
External Outfall

Discharge:

001-1
SANITARY WASTEWATER

Report Dates & Status

Monitoring Period:

From 12/01/21 to 12/31/21

DMR Due Date:

01/28/22

Status:

NetDMR Validated

Considerations for Form Completion

Principal Executive Officer

First Name:
Last Name:

James
Parrott

Title:

Executive Director

Telephone:

502-540-6000

No Data Indicator (NODI)

Form NODI:

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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			
00300	Oxygen, dissolved [DO]	1 - Effluent Gross	0	--	Sample						=	7.3					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						=	6.71			=	8.22	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															
X00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample	=	36.65	=	96.8	26 - lb/d			=	26.0	=	73.0	19 - mg/L	1	01/07 - Weekly	24 - COMP24
					Permit Req.	<=	87.57 MO AVG	<=	131.35 MX WK AV	26 - lb/d			<=	30.0 MO AVG	<=	45.0 MX WK AV	19 - mg/L		01/07 - Weekly	24 - COMP24
					Value NODI															
00600	Nitrogen, total [as N]	1 - Effluent Gross	0	--	Sample								=	17.0	=	23.0	19 - mg/L	0	01/07 - Weekly	24 - COMP24
					Permit Req.									Req Mon MO AVG		Req Mon DAILY MX	19 - mg/L		01/07 - Weekly	24 - COMP24
					Value NODI															
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	2	--	Sample								=	3.1	=	7.0	19 - mg/L	0	01/07 - Weekly	24 - COMP24
					Permit Req.								<=	10.0 MO AVG	<=	15.0 DAILY MX	19 - mg/L		01/07 - Weekly	24 - COMP24
					Value NODI															
00665	Phosphorus, total [as P]	1 - Effluent Gross	0	--	Sample								=	1.3	=	2.7	19 - mg/L	0	01/07 - Weekly	24 - COMP24
					Permit Req.									Req Mon MO AVG		Req Mon DAILY MX	19 - mg/L		01/07 - Weekly	24 - COMP24
					Value NODI															
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	0.265	=	0.373	03 - MGD								0	99/99 - Continuous	RC - Recorder (auto)
					Permit Req.		Req Mon MO AVG		Req Mon MX WK AV	03 - MGD									99/99 - Continuous	RC - Recorder (auto)
					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								=	12.0	=	42.0	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	=	16.93	=	23.02	26 - lb/d			=	11.0	=	16.0	19 - mg/L	0	01/07 - Weekly	24 - COMP24
					Permit Req.	<=	72.97 MO AVG	<=	109.46 MX WK AV	26 - lb/d			<=	25.0 MO AVG	<=	37.5 MX WK AV	19 - mg/L		01/07 - Weekly	24 - COMP24
					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	Type	Description	Acknowledge
Code	Name					
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

Comments

Attachments

Name	Type	Size
BullittHillsCoverLetter1221.pdf	pdf	41770.0
Report Last Saved By		
Louisville and Jefferson County MSD		
User:	JOSEPH.SMITH@LOUISVILLEMSD.ORG	
Name:	Joseph Smith	
E-Mail:	joseph.smith@louisvillemSD.org	
Date/Time:	2022-01-24 08:05 (Time Zone: -05:00)	
Report Last Signed By		
User:	JOSEPH.SMITH@LOUISVILLEMSD.ORG	
Name:	Joseph Smith	
E-Mail:	joseph.smith@louisvillemSD.org	
Date/Time:	2022-01-24 08:07 (Time Zone: -05:00)	