



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

July 21st, 2022

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

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

Dear Ms. Dennis:

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

There were no overflows or bypasses

There was four exceedances for the Month of June, Nitrogen Ammonia Monthly Average limit of 4.0 mg/l with a result of 9.2 mg/l and Nitrogen Ammonia Daily Maximum limit of 6.0 mg/l with a result of 17.7 mg/l. Total Suspended Solids Monthly Average limit of 30.0 mg/l with a result of 34.0 mg/l and Total Suspended Solids Maximum Weekly Average limit of 45.0.0 mg/l with a result of 114.0 mg/l. This was a result of some blower motor issues not giving us the proper DO to operate the plant, these issues are currently being resolved.

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 06/22.

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 06/01/22 to 06/30/22	DMR Due Date:	07/28/22	Status:	NetDMR Validated

Considerations for Form Completion					
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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					=	7.1					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					=	6.89			=	7.87	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																							
X 00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample					=	34.0			=	114.0	19 - mg/L	2	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					=	14.0			=	20.0	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					=	9.2			=	17.7	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					=	2.0			=	4.1	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	=	0.225	=	0.459								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					=	2.0			=	11.0	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					=	7.0			=	10.0	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.

Edit Check Errors						
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

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
BHCCoverLetter0622.pdf	pdf	41697.0

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: 2022-07-22 08:02 (Time Zone: -04:00)

Report Last Signed By

User: JOSEPH.SMITH@LOUISVILLEMSD.ORG
 Name: Joseph Smith
 E-Mail: joseph.smith@louisvillemmsd.org
 Date/Time: 2022-07-22 08:13 (Time Zone: -04:00)