



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

July 14th, 2023

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

**RE: Hillview #1 STP, KPDES No: KY0034151
Discharge Monitoring Report for June 2023.**

Dear Ms. Dennis:

Attached are the Discharge Monitoring Report (DMR) for the Hillview #1 STP, for the month June 2023.

There were no overflows, or bypasses.

There were three exceedances for the month, Nitrogen Ammonia Maximum Weekly Average lbs. limit of 11.5 lbs. with a result of 19.5 lbs., Nitrogen Ammonia Monthly Average mg/l limit of 4.0 with a result of 7.5 mg/l and Nitrogen Ammonia Daily Maximum mg/l limit of 6.0 with a result of 15.7. These a result of some blower issues and also heavy rain causing high flow during the month causing us to shut the plant down just before a sampling cycle.

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

Sincerely,

Joseph Shaun Smith
Treatment Facilities Manager

JSS/ HV#1 06/23.

Cc: V. Teague / B. Tinnell

DMR Copy of Record

Permit			
Permit #:	KY0034151	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 SANITARY WASTEWATER
Facility:		Facility Location:	BCSD HILLVIEW SEWER SYSTEM PLT #1 4998 LEES LN HILLVIEW, KY 40129

Report Dates & Status			
Monitoring Period:	From 06/01/23 to 06/30/23	DMR Due Date:	07/28/23
Status:	NetDMR Validated		
Considerations for Form Completion			

Principal Executive Officer			
First Name:	James	Title:	Executive Director
Last Name:	Parrott	Telephone:	502-540-6000

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	=	7.0										19 - mg/L	01/07 - Weekly	GR - GRAB			
					Permit Req.	>=	7.0 MINIMUM												19 - mg/L	01/07 - Weekly	GR - GRAB	
					Value NODI																	
00400	pH	1 - Effluent Gross	0	--	Sample	=	7.02										12 - SU	01/07 - Weekly	GR - GRAB			
					Permit Req.	>=	6.0 MINIMUM												12 - SU	01/07 - Weekly	GR - GRAB	
					Value NODI																	
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample	=	11.905	=	36.763	26 - lb/d			=	10.0	=	19.0	19 - mg/L	01/07 - Weekly	CP - COMPOS			
					Permit Req.	<=	57.7 MO AVG	<=	86.6 MX WK AV	26 - lb/d			<=	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								=	25.9	=	33.4	19 - mg/L	01/07 - Weekly	GR - GRAB			
					Permit Req.																	
					Value NODI																	
X 00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	1	--	Sample	=	6.42	=	19.155	26 - lb/d			=	7.75	=	15.7	19 - mg/L	01/07 - Weekly	CP - COMPOS			
					Permit Req.	<=	7.7 MO AVG	<=	11.5 MX WK AV	26 - lb/d			<=	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								=	3.97	=	4.58	19 - mg/L	01/07 - Weekly	GR - GRAB			
					Permit Req.																	
					Value NODI																	
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	0.149	=	0.626	03 - MGD								99/99 - Continuous	IN - INSTAN			
					Permit Req.																	
					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.																	
					Value NODI																	
51040	E. coli	1 - Effluent Gross	0	--	Sample								=	1.0	=	1.0	13 - #/100mL	01/07 - Weekly	GR - GRAB			
					Permit Req.																	
					Value NODI																	
80082	BOD, carbonaceous [5 day, 20 C]	1 - Effluent Gross	0	--	Sample	=	11.02	=	32.893	26 - lb/d			=	10.0	=	17.0	19 - mg/L	01/07 - Weekly	CP - COMPOS			
					Permit Req.	<=	28.8 MO AVG	<=	43.2 MX WK AV	26 - lb/d			<=	15.0 MO AVG	<=	22.5 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

00610 Nitrogen, ammonia total [as N] 1 - Effluent Gross Quantity or Loading 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
HV1Coverletter0623.pdf	pdf	42009.0

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: 2023-07-17 12:59 (Time Zone: -04:00)

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