



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

November 15, 2023

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

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

Dear Ms. Dennis:

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

There were no overflows, discharges or bypasses.

MSD had four exceedances for the month of October. TSS Maximum weekly average. Ammonia monthly and daily max. MSD staff wasted and reseeded. And now back in compliance.

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

Sincerely,

Jon Baldridge
Process Supervisor

JSS/ HV#1 10/23.

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 10/01/23 to 10/31/23	DMR Due Date:	11/28/23
Status:	NetDMR Validated		

Considerations for Form Completion

Principal Executive Officer			
First Name:	James A.	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						=	7.1					19 - mg/L	0	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						=	6.0					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	=	16.5	=	29.6	26 - lb/d		=	39.0	=	69.5	19 - mg/L	2	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						=	35.4	=	42.0	19 - mg/L	0	01/07 - Weekly	GR - GRAB										
					Permit Req.														Req Mon MO AVG	Req Mon MX WK AV	19 - mg/L	01/07 - Weekly	GR - GRAB					
					Value NODI																							
X 00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	1	--	Sample	=	4.7	=	9.6	26 - lb/d		=	10.8	=	22.5	19 - mg/L	2	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						=	5.0	=	6.6	19 - mg/L	0	01/07 - Weekly	GR - GRAB										
					Permit Req.															Req Mon MO AVG	Req Mon MX WK AV	19 - mg/L	01/07 - Weekly	GR - GRAB				
					Value NODI																							
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	0.064	=	0.297	03 - MGD							0	99/99 - Continuous	IN - INSTAN									
					Permit Req.															Req Mon MO AVG	Req Mon MX WK AV	03 - MGD	99/99 - Continuous	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						=	1.8	=	5.0	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	=	5.1	=	6.4	26 - lb/d		=	12.0	=	15.0	19 - mg/L	0	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

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
Hillview1.pdf	pdf	38889.0

Report Last Saved By

Louisville and Jefferson County MSD

User: JON.BALDRIDGE@LOUISVILLEMSD.ORG
 Name: Jonathan Baldrige
 E-Mail: jon.baldrige@louisvillemmsd.org
 Date/Time: 2023-11-16 09:13 (Time Zone: -05:00)

Report Last Signed By

User: JON.BALDRIDGE@LOUISVILLEMSD.ORG
 Name: Jonathan Baldrige
 E-Mail: jon.baldrige@louisvillemmsd.org
 Date/Time: 2023-11-16 09:17 (Time Zone: -05:00)