



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

February 19, 2024

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

**RE: Hillview #1, KPDES No: KY0034151
Discharge Monitoring Report for January 2024.**

Dear Ms. Dennis:

Attached are the Discharge Monitoring Report (DMR) for the Hillview #3, for the month of January 2024.

Also attached is overflow report.

The plant had two bypasses due to high flow during rain event.

There were no two exceedances. BOD maximum weekly average permit limit is 43.2 lb/d sample result was 45.2 lb/d. BOD Maximum weekly average permit limit is 22.5 mg/L sample result was 29 mg/L. The two exceedances were due to high flow and winter weather.

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

Sincerely,

Jon Baldrige
Process Supervisor

JOB/ TF 1/24.

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 01/01/24 to 01/31/24	DMR Due Date:	02/28/24
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	=	8.2										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	=	6.7										12 - SU	0	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	=	28.8	=	72.4	26 - lb/d		=	21.0	=	43.0	19 - mg/L	0	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							=	19.0	=	33.3	19 - mg/L	0	01/07 - Weekly	GR - GRAB		
					Permit Req.													19 - mg/L	01/07 - Weekly	GR - GRAB	
					Value NODI																
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	2	--	Sample	=	3.37	=	9.825	26 - lb/d		=	2.43	=	6.3	19 - mg/L	0	01/07 - Weekly	CP - COMPOS		
					Permit Req.	<=	19.2 MO AVG	<=	28.8 MX WK AV	26 - lb/d		<=	10.0 MO AVG	<=	15.0 DAILY MX	19 - mg/L		01/07 - Weekly	CP - COMPOS		
					Value NODI																
00665	Phosphorus, total [as P]	1 - Effluent Gross	0	--	Sample							=	2.88	=	5.05	19 - mg/L	0	01/07 - Weekly	GR - GRAB		
					Permit Req.													19 - mg/L	01/07 - Weekly	GR - GRAB	
					Value NODI																
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	0.301	=	0.423	03 - MGD							0	99/99 - Continuous	IN - INSTAN		
					Permit Req.													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.														19 - mg/L	01/07 - Weekly	GR - GRAB
					Value NODI																
51040	E. coli	1 - Effluent Gross	0	--	Sample							=	2.0	=	21.0	13 - #/100mL	0	01/07 - Weekly	GR - GRAB		
					Permit Req.														13 - #/100mL	01/07 - Weekly	GR - GRAB
					Value NODI																
X 80082	BOD, carbonaceous [5 day, 20 C]	1 - Effluent Gross	0	--	Sample	=	19.1	=	45.2	26 - lb/d		=	14.0	=	29.0	19 - mg/L	2	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
80082	BOD, carbonaceous [5 day, 20 C]	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
80082	BOD, carbonaceous [5 day, 20 C]	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
hillview1.pdf	pdf	42262.0
H1Overflow.pdf	pdf	117550.0

Report Last Saved By

Louisville and Jefferson County MSD

User: JON.BALDRIDGE@LOUISVILLEMSD.ORG
Name: Jonathan Baldrige
E-Mail: jon.baldrige@louisvillemSD.org
Date/Time: 2024-02-20 12:52 (Time Zone: -05:00)

Report Last Signed By

User: JON.BALDRIDGE@LOUISVILLEMSD.ORG
Name: Jonathan Baldrige
E-Mail: jon.baldrige@louisvillemSD.org
Date/Time: 2024-02-20 13:07 (Time Zone: -05:00)



KPDES #	Facility ID	Water Quality Treatment Center	Receiving Stream of Discharge	Region							
KY0034151	MSD0506	BCSD HILLVIEW #1	TANYARD BRANCH								
Facility Type	Facility ID	Facility Address	If Pump Station, Name of Station	Receiving Stream	Discharge To						
Sewer Treatment Plant	MSD0506	253 LEES LN	BCSD HILLVIEW #1	TANYARD BRANCH	STREAM						
Activity Code / Description	WO #	Ref #	Initiated on	Initiated By	Assigned To	Dish Status	Event Date	Problem Desc	Result	Completed	Condition
DISREV:RAIN EVENT DISCHARGE	3739608		1/9/2024 9:20:00 AM	BALDRIDGE		DOCUMENTED	1/8/2022 12:00:00 AM	BYPASS AT WQTC	UNAUTHORIZED DISCHARGE-WATERS	01/09/24 01:44 PM	

Discharge Reporting:

Discharge Amount:	1,500 GAL
Cause:	LACK OF SYSTEM CAPACITY.
Clean Up:	DEBRIS FROM DISCHARGE POINT.
Control Zone:	PLACED FLAGS AROUND THE IMPACTED AREA (FENCE).
Impact:	INF DISCHARGING TO EFF LINE.
Repair:	FLOW WENT DOWN ALLOWING INF PUMPS TO CATCH UP.
Public Notification:	PLACED FLAGS AROUND THE IMPACTED AREA.

Notifications:

1/9/24 1:00 PM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
1/9/24 1:00 PM	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION



KPDES #	Facility ID	Water Quality Treatment Center	Receiving Stream of Discharge	Region
KY0034151	MSD0506	BCSD HILLVIEW #1	TANYARD BRANCH	

Facility Type	Facility ID	Facility Address	If Pump Station, Name of Station	Receiving Stream	Discharge To
Sewer Treatment Plant	MSD0506	253 LEES LN	BCSD HILLVIEW #1	TANYARD BRANCH	STREAM

Activity Code / Description	WO #	Ref #	Initiated on	Initiated By	Assigned To	Dish Status	Event Date	Problem Desc	Result	Completed	Condition
DISREV:RAIN EVENT DISCHARGE	3748397		1/28/2024 9:35:00 AM	HUBER		DOCUMENTED	1/8/2022 12:00:00 AM	BYPASS AT WQTC	UNAUTHORIZED DISCHARGE-WATERS	01/29/24 10:07 AM	

Discharge Reporting:

Discharge Amount:	14,340 GAL
Cause:	LACK OF SYSTEM CAPACITY
Clean Up:	NONE REQUIRED, PIPE SUBMERGED.
Control Zone:	SIGNS POSTED.
Impact:	BYPASS PIPE SUBMERGED.
Repair:	NONE REQUIRED.
Public Notification:	N/A

Notifications:

1/28/24 1:00 PM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
1/28/24 1:00 PM	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION