



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 #2 STP, KPDES No: KY00034169
Discharge Monitoring Report for January 2024.**

Dear Ms. Dennis:

Attached are the Discharge Monitoring Report (DMR) for the Hillview #2 WQTC, for the month January 2024.

Also attached is the overflow report.

There were 3 bypasses due to high flow during rain events.

There was 1 bypass due to electrical issues with pump station

There was one exceedance BOD maximum weekly average permit limit 22.5 mg/L sample result was 29 mg/L. This was due to rain events 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/ HV#2 1/24.

Cc: V. Teague /B. Tinnell

DMR Copy of Record

Permit	
Permit #: KY0034169	Permittee: Hillview Sewer System Plant 2
Major: No	Permittee Address: PO Box 818 Hillview, KY 40129
Permitted Feature: 001 External Outfall	Discharge: 001-1 Domestic Wastewater
Facility: BCSD HILLVIEW #2	Facility Location: 376 NORWOOD WAY HILLVIEW, KY 40229

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					=	7.5					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					=	6.6			=	7.0	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																			
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample					=	12.0			=	15.0	19 - mg/L	0	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					=	18.675			=	27.2	19 - mg/L	0	01/07 - Weekly	GR - GRAB					
					Permit Req.											Req Mon MO AVG		Req Mon DAILY MX	19 - mg/L	01/07 - Weekly	GR - GRAB			
					Value NODI																			
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	2	--	Sample					=	1.85			=	5.6	19 - mg/L	0	01/07 - Weekly	CP - COMPOS					
					Permit Req.					<=	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					=	2.38			=	3.95	19 - mg/L	0	01/07 - Weekly	GR - GRAB					
					Permit Req.											Req Mon MO AVG		Req Mon DAILY MX	19 - mg/L	01/07 - Weekly	GR - GRAB			
					Value NODI																			
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	0.466	=	1.093								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					=	1.0			=	2.0	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																			
X 80082	BOD, carbonaceous [5 day, 20 C]	1 - Effluent Gross	0	--	Sample					=	11.0			=	29.0	19 - mg/L	1	01/07 - Weekly	CP - COMPOS					
					Permit Req.													<=	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

Comments

Attachments

Name	Type	Size
hillview2.pdf	pdf	44068.0
H2Overflow.pdf	pdf	235500.0

Report Last Saved By

Hillview Sewer System Plant 2

User: JON.BALDRIDGE@LOUISVILLEMSD.ORG
Name: Jonathan Baldrige
E-Mail: jon.baldrige@louisvillemsd.org
Date/Time: 2024-02-20 12:47 (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							
KY0034169	MSD0507	BCSD HILLVIEW #2	BROOKS RUN								
Facility Type	Facility ID	Facility Address	If Pump Station, Name of Station	Receiving Stream	Discharge To						
Sewer Treatment Plant	MSD0507	386 NORWOOD WAY	BCSD HILLVIEW #2	BROOKS RUN	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	3739308		1/9/2024 2:00:00 AM	BALDRIDGE		DOCUMENTED	12/6/2021 12:00:00 AM	BYPASS AT WQTC	UNAUTHORIZED DISCHARGE-WATERS	01/09/24 01:35 PM	

Discharge Reporting:

Discharge Amount:	2,500 GAL
Cause:	RAIN CAUSING HIGH FLOW TO PLANT WITH LACK OF CAPACITY.
Clean Up:	SIGNS POSTED ON FENCE. WILL HAVE EIC CLEAN DITCH WHEN RAIN FLOW STOPS IN DITCH.
Control Zone:	INSIDE MSD FENCE.
Impact:	OVERFLOW TO DITCH WITH EFF DISCHARGE.
Repair:	FLOW WENT DOWN ALLOWING INF PUMPS TO CATCH UP.
Public Notification:	SIGNS POSTED ON FENCE.

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							
KY0034169	MSD0507	BCSD HILLVIEW #2	BROOKS RUN								
Facility Type	Facility ID	Facility Address	If Pump Station, Name of Station	Receiving Stream	Discharge To						
Sewer Treatment Plant	MSD0507	386 NORWOOD WAY	BCSD HILLVIEW #2	BROOKS RUN	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	3740175		1/12/2024 12:24:00 PM	BALDRIDGE		DOCUMENTED	12/6/2021 12:00:00 AM	BYPASS AT WQTC	UNAUTHORIZED DISCHARGE-WATERS	01/16/24 09:24 AM	

Discharge Reporting:

Discharge Amount:	31,500 GAL
Cause:	RAIN EVENT LACK OF CAPACITY.
Clean Up:	SIGNS POSTED ON FENCE. WILL HAVE EIC CLEAN DITCH WHEN RAIN FLOW STOPS IN DITCH.
Control Zone:	INSIDE MSD FENCE.
Impact:	OVERFLOW TO DITCH WITH EFF DISCHARGE.
Repair:	FLOW WENT DOWN ALLOWING INF PUMPS TO CATCH UP.
Public Notification:	SIGNS POSTED ON FENCE.

Notifications:

1/13/24 1:00 AM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
1/13/24 1:00 AM	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION



KPDES #	Facility ID	Water Quality Treatment Center	Receiving Stream of Discharge	Region							
KY0034169	MSD0507	BCSD HILLVIEW #2	BROOKS RUN								
Facility Type	Facility ID	Facility Address	If Pump Station, Name of Station	Receiving Stream	Discharge To						
Sewer Treatment Plant	MSD0507	386 NORWOOD WAY	BCSD HILLVIEW #2	BROOKS RUN	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	3746608		1/24/2024 8:19:00 AM	BALDRIDGE	OPERATOR	DOCUMENTED	12/6/2021 12:00:00 AM	BYPASS AT WQTC	UNAUTHORIZED DISCHARGE-WATERS	01/28/24 07:27 AM	

Discharge Reporting:

Discharge Amount:	25,000 GAL
Cause:	RAIN EVENT LACK OF CAPACITY.
Clean Up:	SIGNS POSTED ON FENCE. WILL HAVE EIC CLEAN DITCH WHEN RAIN FLOW STOPS IN DITCH.
Control Zone:	INSIDE MSD FENCE.
Impact:	OVERFLOW TO DITCH WITH EFF DISCHARGE.
Repair:	FLOW WENT DOWN ALLOWING INF PUMPS TO CATCH UP.
Public Notification:	SIGNS POSTED ON FENCE.

Notifications:

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



KPDES #	Facility ID	Water Quality Treatment Center	Receiving Stream of Discharge	Region
KY0034169	MSD0507	BCSD HILLVIEW #2	BROOKS RUN	

Facility Type	Facility ID	Facility Address	If Pump Station, Name of Station	Receiving Stream	Discharge To
Sewer Treatment Plant	MSD0507	386 NORWOOD WAY	BCSD HILLVIEW #2	BROOKS RUN	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	3748396		1/27/2024 9:10:00 PM	HUBER		DOCUMENTED	12/6/2021 12:00:00 AM	BYPASS AT WQTC	UNAUTHORIZED DISCHARGE-WATERS	01/29/24 10:13 AM	

Discharge Reporting:

Discharge Amount:	10,200 GAL
Cause:	LACK OF SYSTEM CAPACITY
Clean Up:	NONE REQUIRED.
Control Zone:	SIGNS POSTED.
Impact:	BYPASSING AT DITCH.
Repair:	N/A
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