



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

January 25, 2024

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

**RE: Hillview #2 STP, KPDES No: KY00034169  
Discharge Monitoring Report for December 2023.**

Dear Ms. Dennis:

Attached are the Discharge Monitoring Report (DMR) for the Hillview #2 WQTC, for the month December 2023.

MSD had one exceedance for the month of December. TSS maximum weekly average. MSD staff wasted and now back in compliance.

There was one rain event bypass due to lack of capacity.

Also attached is the Monthly Discharge Report.

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 12/23.

Cc: V. Teague /B. Tinnell

DMR Copy of Record

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

<b>Report Dates &amp; Status</b>	
Monitoring Period: From 12/01/23 to 12/31/23	DMR Due Date: 01/28/24
Status: NetDMR Validated	

Considerations for Form Completion

<b>Principal Executive Officer</b>	
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					=	7.0					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			=	6.8	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					=	19.0			=	56.0	19 - mg/L	1	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					=	24.3			=	35.1	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					=	1.13			=	3.4	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					=	3.41			=	4.82	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	=	0.21	=	0.6								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					=	1.1			=	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																	
80082	BOD, carbonaceous [5 day, 20 C]	1 - Effluent Gross	0	--	Sample					=	8.0			=	10.0	19 - mg/L	0	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.

<b>Edit Check Errors</b>						
Code	Parameter Name	Monitoring Location	Field	Type	Description	Acknowledge
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

**Comments**

**Attachments**

Name	Type	Size
Plant2(2).pdf	pdf	89636.0
12_Dec_2023_Discharge_report_Fin.pdf	pdf	32229.0

**Report Last Saved By**

**Hillview Sewer System Plant 2**

User: JON.BALDRIDGE@LOUISVILLEMSD.ORG  
Name: Jonathan Baldrige  
E-Mail: jon.baldrige@louisvillemmsd.org  
Date/Time: 2024-01-25 12:11 (Time Zone: -05:00)

**Report Last Signed By**

User: JON.BALDRIDGE@LOUISVILLEMSD.ORG  
Name: Jonathan Baldrige  
E-Mail: jon.baldrige@louisvillemmsd.org  
Date/Time: 2024-01-25 12:12 (Time Zone: -05:00)



**IMSAST0004  
Overflow Report**

**12/1/2023 12:00:00 AM to 12/31/2023 12:00:00 AM**

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

  

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	3729922		12/9/2023 5:20:00 PM	FORD JR		DOCUMENTED	12/6/2021 12:00:00 AM	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE-WATERS	12/12/23 09:19 AM	

**Discharge Reporting:**

Discharge Amount:	64,000 GAL
Cause:	RAIN EVENT.
Clean Up:	NO DEBRIS.
Control Zone:	TEMPORARY SIGNS AROUND AREA.
Impact:	SEWAGE OBSERVED.
Repair:	RAIN EVENT ENDED.
Public Notification:	TEMPORARY SIGNS AROUND AREA.

**Notifications:**

12/11/23 1:00 AM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
12/11/23 1:00 AM	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION



KPDES #	Facility ID	Water Quality Treatment Center	Receiving Stream of Discharge	Region
KY0078956	MSD0277	DEREK R. GUTHRIE	OHIO RIVER	NA

Facility Type	Facility ID	Facility Address	If Pump Station, Name of Station	Receiving Stream	Discharge To
Sewer Manhole	117174	8800 ADMIRAL DR	DEREK R. GUTHRIE	PENNSYLVANIA RUN	GROUND

Activity Code / Description	WO #	Ref #	Initiated on	Initiated By	Assigned To	Dish Status	Event Date	Problem Desc	Result	Completed	Condition
DISDW: DRY WEATHER DISCHARGE	3729216		12/6/2023 2:00:00 PM	SOSA RODRIGUEZ	ROBINSON	REPAIRED - ISSUE RESOLVED	12/7/2023 12:00:00 AM	ELECTRICAL PROBLEMS AT MSD	UNAUTHORIZED DISCHARGE- WATERS	12/07/23 10:32 AM	

**Discharge Reporting:**

Discharge Amount:	500 GAL
Cause:	ELECTRICAL PROBLEM WITH MSD EQUIPMENT/ASSET BREAKER TRIPPED.
Clean Up:	CLEANED AND SANITIZED THE IMPACTED AREA.
Control Zone:	PLACED TEMPORARY SIGNS AROUND THE IMPACTED AREA.
Impact:	SEWAGE FOUND AROUND MANHOLE.
Repair:	RESET BREAKERS , NO ISSUE FOUND WO:3729209.
Public Notification:	PLACED TEMPORARY SIGNS AROUND THE IMPACTED AREA.

**Notifications:**

12/7/23 1:00 AM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
12/7/23 1:00 AM	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION



KPDES #	Facility ID	Water Quality Treatment Center	Receiving Stream of Discharge	Region
KY0022411	MSD0278	MORRIS FORMAN	OHIO RIVER	NA

Facility Type	Facility ID	Facility Address	If Pump Station, Name of Station	Receiving Stream	Discharge To
Sewer Manhole	28453	3402 CHARLANE PKY	MORRIS FORMAN	CHENOWETH RUN	DITCH

Activity Code / Description	WO #	Ref #	Initiated on	Initiated By	Assigned To	Dish Status	Event Date	Problem Desc	Result	Completed	Condition
DISREV:RAIN EVENT DISCHARGE	3729895		12/9/2023 5:45:00 PM	DAVIS BROWN		DOCUMENTED	10/28/2015 12:00:00 AM	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE-WATERS	12/10/23 01:40 AM	MAIN

**Discharge Reporting:**

Discharge Amount:	1 GAL
Cause:	LACK OF SYSTEM CAPACITY HEAVY RAIN.
Clean Up:	WO#3729897.
Control Zone:	CAUTION TAPE, TEMPORARY DISCHARGE SIGNS, AND BARRICADE PLACED AROUND THE IMPACTED AREA.
Impact:	NONE OBSERVED OVERFLOW NOTIFICATION RECEIVED FROM REMOTE DISCHARGE ALARM.
Repair:	LOCATION INCLUDED IN IOAP.
Public Notification:	PUBLIC NOTIFIED THROUGH DOOR HANGERS AND TEMP SIGNS TO AVOID DIRECT CONTACT WITH DISCHARGED CONTENT.

**Notifications:**

12/10/23 1:00 PM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
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KPDES #	Facility ID	Water Quality Treatment Center	Receiving Stream of Discharge	Region
KY0022411	MSD0278	MORRIS FORMAN	OHIO RIVER	NA

Facility Type	Facility ID	Facility Address	If Pump Station, Name of Station	Receiving Stream	Discharge To
Sewer Treatment Plant	MSD0278	4522 ALGONQUIN PKY	MORRIS FORMAN	OHIO RIVER	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	3736251		12/25/2023 2:55:00 AM	BURCH		REPAIRED - ISSUE RESOLVED	12/25/2023 12:00:00 AM	ELECTRICAL PROBLEMS AT MSD	UNAUTHORIZED DISCHARGE-WATERS	12/25/23 02:55 PM	

**Discharge Reporting:**

Discharge Amount:	30,300,000 GAL
Cause:	POWER FAILURE.
Clean Up:	N/A.
Control Zone:	PLACED SIGNS AROUND THE IMPACTED AREA.
Impact:	NO IMPACT OBSERVED.
Repair:	POWER RESTORED AND PUMPS FUNCTIONAL.
Public Notification:	SIGN AT OUTFALL.

**Notifications:**

12/25/23 1:00 PM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
12/25/23 1:00 PM	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION



**IMSAST0004**  
**Overflow Report**  
**12/1/2023 12:00:00 AM to 12/31/2023 12:00:00 AM**

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

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	3729922		12/9/2023 5:20:00 PM	FORD JR		DOCUMENTED	12/6/2021 12:00:00 AM	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE-WATERS	12/12/23 09:19 AM	

**Discharge Reporting:**

Discharge Amount:	64,000 GAL
Cause:	RAIN EVENT.
Clean Up:	NO DEBRIS.
Control Zone:	TEMPORARY SIGNS AROUND AREA.
Impact:	SEWAGE OBSERVED.
Repair:	RAIN EVENT ENDED.
Public Notification:	TEMPORARY SIGNS AROUND AREA.

**Notifications:**

12/11/23 1:00 AM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
12/11/23 1:00 AM	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION





KPDES #	Facility ID	Water Quality Treatment Center	Receiving Stream of Discharge	Region
KY0034177	MSD0508	BCSD HILLVIEW #3	BROOKS RUN	NA

Facility Type	Facility ID	Facility Address	If Pump Station, Name of Station	Receiving Stream	Discharge To
Sewer Lift Station	MSD2014-PS	169 SUMMERS DR	BCSD HILLVIEW #3	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	3729859		12/9/2023 8:00:00 PM	BUTLER	BRANGERS	DOCUMENTED	12/9/2021 12:00:00 AM	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE-WATERS	12/10/23 12:30 AM	

**Discharge Reporting:**

Discharge Amount:	1,350 GAL
Cause:	LACK OF SYSTEM CAPACITY.
Clean Up:	CLEANUP NOT POSSIBLE DUE TO ELEVATED CREEK LEVEL.
Control Zone:	PLACED TEMPORARY SIGNS AROUND THE IMPACTED AREA.
Impact:	SEWAGE FOUND IN THE STREAM.
Repair:	PLACED TEMPORARY SIGNS AROUND THE IMPACTED AREA.
Public Notification:	PLACED TEMPORARY SIGNS AROUND THE IMPACTED AREA.

**Notifications:**

12/10/23 1:00 AM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
12/10/23 1:00 AM	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION



KPDES #	Facility ID	Water Quality Treatment Center	Receiving Stream of Discharge	Region
KY0094307	MSD0511	WILLABROOK	BROOKS RUN	NA

Facility Type	Facility ID	Facility Address	If Pump Station, Name of Station	Receiving Stream	Discharge To
Sewer Lift Station	MSD2019-PS	3955 E BLUE LICK RD	WILLABROOK	BROOKS RUN	GROUND

Activity Code / Description	WO #	Ref #	Initiated on	Initiated By	Assigned To	Dish Status	Event Date	Problem Desc	Result	Completed	Condition
DISREV:RAIN EVENT DISCHARGE	3729835		12/9/2023 4:53:00 PM	BUTLER	BUTLER	QUEUED FOR INVESTIGATION / REPAIR	4/6/2022 12:00:00 AM	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE-WATERS	12/11/23 08:17 AM	

**Discharge Reporting:**

Discharge Amount:	106,700 GAL
Cause:	LACK OF SYSTEM CAPACITY.
Clean Up:	CLEANUP NOT POSSIBLE DUE TO ELEVATED CREEK LEVEL.
Control Zone:	PLACED TEMPORARY SIGNS AROUND THE IMPACTED AREA.
Impact:	NO IMPACT OBSERVED - FACILITY UNDER ELEVATED CREEK LEVEL.
Repair:	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
Public Notification:	PLACED TEMPORARY SIGNS AROUND THE IMPACTED AREA.

**Notifications:**

12/10/23 1:00 AM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
12/10/23 1:00 AM	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION



KPDES #	Facility ID	Water Quality Treatment Center	Receiving Stream of Discharge	Region
KY0034185	MSD0512	PIONEER VILLAGE #1	BROOKS RUN	NA

Facility Type	Facility ID	Facility Address	If Pump Station, Name of Station	Receiving Stream	Discharge To
Sewer Lift Station	MSD2021-PS	165 OCTAGON AVE	PIONEER VILLAGE #1	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	3729839		12/9/2023 5:09:00 PM	BUTLER	BUTLER	DOCUMENTED	12/21/2022 12:00:00 AM	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE-WATERS	12/11/23 08:20 AM	

**Discharge Reporting:**

Discharge Amount:	164,900 GAL
Cause:	LACK OF SYSTEM CAPACITY.
Clean Up:	CLEANUP NOT POSSIBLE DUE TO MAGNITUDE OF STORM.
Control Zone:	PLACED TEMPORARY SIGNS AROUND THE IMPACTED AREA.
Impact:	SEWAGE FOUND IN THE STREAM.
Repair:	SITE FOUND DURING RAIN EVENT RECON - WILL BE MONITORED AND EVALUATED FOR REPAIR.
Public Notification:	PLACED TEMPORARY SIGNS AROUND THE IMPACTED AREA.

**Notifications:**

12/10/23 1:00 AM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
12/10/23 1:00 AM	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION