

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

July 21st, 2022

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

RE: Hillview #2 STP, KPDES No: KY00034169 Discharge Monitoring Report for June 2022.

Dear Ms. Dennis:

Attached are the Discharge Monitoring Report (DMR) for the Hillview #2 WQTC, for the month June 2022.

There were no overflows or exceedances

Also see attached Monthly Bypass Report

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

Sincerely,

Joseph Shaun Smith Process Supervisor

JSS/ HV#2 06/22.

Cc: V. Teague /B. Tinnell

DMR Copy of Record

Permit		

Permit #: KY0034169

No

Louisville and Jefferson County MSD Permittee:

07/28/22

Permittee Address:

700 W Liberty St Louisville, KY 40203

Facility Location:

Facility:

Status:

BCSD HILLVIEW #2 376 NORWOOD WAY

Permitted Feature: 001 External Outfall

Discharge: 001-1 Sanitary Discharge

Title:

HILLVIEW, KY 40229

Report Dates & Status

Major:

Monitoring Period: From 06/01/22 to 06/30/22 DMR Due Date:

NetDMR Validated

Considerations for Form Completion

Principal Executive Officer

First Name: James Last Name: Parrott **Executive Director**

Telephone:

502-540-6000

No Data Indicator (NODI)

Form NODI:

	Parameter	Monitoring Location	Season #	# Param. NODI			Qu	antity or Lo	ading					Quality or Conce	entration			# of E	x. Frequency of Analysis	Sample Type
Code	Name				Qual	ifier 1	Value 1	Qualifier 2	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 Permit Req.							7.0 7.0 INST MIN	1				19 - mg/L 19 - mg/L	0		GR - GRAB GR - GRAB
00000				Value NODI																
					Sample							7.31			=	7.81	12 - SU			GR - GRAB
00400	pH 1 - Effluent Gross	0		Permit Req.						>=	6.0 MINIMUM	1		<=	9.0 MAXIMUM	12 - SU	0	01/07 - Weekly	GR - GRAB	
					Value NODI															
					Sample =	7.885		=	10.01	26 - lb/d				8.0	=		19 - mg/L			24 - COMP24
00530	Solids, total suspended	1 - Effluent Gross	0		Permit Req. <=	80.1	MO AVG	<=	120.2 MX WK AV	26 - lb/d			<=	30.0 MO AVG	<=	45.0 MX WK AV	19 - mg/L	0	01/07 - Weekly	24 - COMP24
					Value NODI															
					Sample								=	25.0	=	37.0	19 - mg/L			24 - COMP24
00600	Nitrogen, total [as N]	1 - Effluent Gross	0		Permit Req.									Req Mon MO AVG	i	Req Mon DAILY MX	19 - mg/L	0	01/07 - Weekly	24 - COMP24
					Value NODI															
			1		Sample =	0.217	7	=	0.334	26 - Ib/d			<	0.2	<	0.2	19 - mg/L		01/07 - Weekly	24 - COMP24
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross			Permit Req. <=	10.7	MO AVG	<=	16.0 MX WK AV	26 - lb/d			<=	4.0 MO AVG	<=	6.0 MX WK AV	19 - mg/L	0	01/07 - Weekly	24 - COMP24
					Value NODI															
					Sample								=	3.9	=	6.2	19 - mg/L		01/07 - Weekly	24 - COMP24
00665	Phosphorus, total [as P]	1 - Effluent Gross	0		Permit Req.									Req Mon MO AVG	i	Req Mon MX WK AV	19 - mg/L	0	01/07 - Weekly	24 - COMP24
					Value NODI															
					Sample =	0.163	3	=	0.597	03 - MGD									99/99 - Continuous	RC - Recorder (auto)
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0		Permit Req.	Req	Mon MO AVG	3	Req Mon MX WK A\	/ 03 - MGD								0	99/99 - Continuous	RC - Recorder (auto)
	•				Value NODI															
					Sample								<	0.01	<	0.01	19 - mg/L		01/07 - Weekly	GR - GRAB
50060	Chlorine, total residual	1 - Effluent Gross	0		Permit Req.								<=	0.011 MO AVG	<=	0.019 MX WK AV	19 - mg/L	0	01/07 - Weekly	GR - GRAB
	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				Value NODI															
					Sample								<	1.0	<	1.0	13 - #/100mL		01/07 - Weekly	GR - GRAB
51040	E. coli	1 - Effluent Gross	0		Permit Req.								<=	130.0 30DA GEO	<=	240.0 7 DA GEO	13 - #/100mL	0	01/07 - Weekly	GR - GRAB
0.0.0		2			Value NODI															
					Sample =	5.463	3	=	8.34	26 - lb/d			=	5.0	=	8.0	19 - mg/L		01/07 - Weekly	24 - COMP24
80082	BOD, carbonaceous [5 day, 20 C]	1 - Effluent Gross	0		Permit Req. <=	40.1	MO AVG	<=	60.1 MX WK AV	26 - lb/d			<=	15.0 MO AVG	<=	22.5 MX WK AV	19 - mg/L	0	01/07 - Weekly	24 - COMP24
03002	80082 BOD, carbonaceous [5 day, 20 C]	7 - Ellident Gloss	3	-	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

No errors.

Comments

Attachments

Туре

Size

06_June_Discharge_Report_All_Service	e_Areas_FIN.pdf	pdf	38139.0
HV2CoverLetter0622.pdf		pdf	32587.0
Report Last Saved By			
Louisville and Jefferson County M	SD		
User:	JOSEPH.SMITH@LOUISVILLEMSD.ORG		
Name:	Joseph Smith		
E-Mail:	joseph.smith@louisvillemsd.org		
Date/Time:	2022-07-22 07:55 (Time Zone: -04:00)		
Report Last Signed By			
User:	JOSEPH.SMITH@LOUISVILLEMSD.ORG		
Name:	Joseph Smith		
E-Mail:	joseph.smith@louisvillemsd.org		
Date/Time:	2022-07-22 08:13 (Time Zone: -04:00)		



KPDES #	Facility ID		Water Quality Treat	tement Center	Receiving Strea	m of Treatment Center	Region
KY0078956	MSD0277		DEREK R. GUTHRIE		OH	IIO RIVER	NA
Facility Type	Facility ID		Facility Address	If Pump Station, Nam	•	Receiving Stream	Discharge to
SVSewer Valve Activity Code / Description	106733-V WO # Ref No	Initiated	7318 REGIMENT RD Initiated By Assigned To	DEREK R. GU Disch Status E	vent Date Problem	PENNSYLVANIA RUN Result C	DITCH ompleted Condition
: DISDW: DRY WEATHER DISCHARGE	3533163	06/22/2022	CATALANO JR BOUTIN		16/22/2022 STRUCTUR FAILURE		6/22/22 07:00

Discharge Reporting:

- · · · · · · · · · · · · · · · · · · ·	
Discharge Amount:	1,000 GAL
Cause:	STRUCTURAL FAILURE (FORCEMAIN BREAK).
Clean Up:	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA.
Control Zone:	PLACED TEMPORARY SIGNS AROUND THE IMPACTED AREA.
Impact:	SEWAGE/DEBRIS/SOLIDS/PERSONAL HYGIENE PRODUCTS FOUND ON THE GROUND.
Repair:	REPAIRED THE FORCE MAIN. WO#3533168
Public Notification:	PLACED TEMPORARY SIGNS AROUND THE IMPACTED AREA.

6/22/22 1:00 PM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV	
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MAIN



Facility Water Quality Treatement Center Receiving Stream of Treatment Center Region KPDES#

MSD0278 MORRIS FORMAN NA KY0022411

Facility Type Facility ID **Facility Address** If Pump Station, Name of Pump Station: **Receiving Stream** Discharge to 3317 DELL RD **GROUND** SMHSewer Manhole 28413 MORRIS FORMAN CHENOWETH RUN

Assigned To MCQUEEN **Activity Code / Description** WO # Ref No **Initiated** Initiated By **Disch Status Event Date Problem** Result Completed Condition 06/07/22 08:43 : DISREV: RAIN EVENT 3524433 06/07/2022 BROWN **DOCUMENTE** 03/20/2002 ROOTS UNAUTHORIZED DISCHARGE D DISCHARGE-PM

Discharge Reporting:

Diodrial go Hoporalig.	
Discharge Amount:	16,060 GAL
Cause:	HEAVY ROOTS IN THE MAIN SEWER.
Clean Up:	MSD PERSONNEL CLEANED AND SANITIZED THE IMPACTED AREA.
Control Zone:	CAUTION TAPE, TEMPORARY DISCHARGE SIGNS, AND BARRICADE PLACED AROUND THE IMPACTED AREA.
Impact:	MANHOLE DISCHARGING.
Repair:	ROOT CUT THE MAIN SEWER.
Public Notification:	PUBLIC NOTIFIED THROUGH DOOR CARDS AND TEMPORARY SIGNS AT DISCHARGE SITE TO AVOID DISCHARGED CONTENT.

6/7/22 1:00 PM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
6/7/22 1:00 PM	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION

MAIN



Facility Water Quality Treatement Center Receiving Stream of Treatment Center Region KPDES#

MSD0278 MORRIS FORMAN NA KY0022411

Facility Type Facility ID **Facility Address** If Pump Station, Name of Pump Station: **Receiving Stream** Discharge to 3322 DELL RD **GROUND** SMHSewer Manhole 28414 MORRIS FORMAN CHENOWETH RUN

Assigned To MCQUEEN Activity Code / Description WO # Ref No **Initiated** Initiated By **Disch Status Event Date Problem** Result Completed Condition 06/07/22 08:43 : DISREV: RAIN EVENT 3524434 06/07/2022 BROWN **DOCUMENTE** 01/03/2005 ROOTS UNAUTHORIZED DISCHARGE D DISCHARGE-PM

Discharge Reporting:

8,050 GAL
HEAVY ROOTS IN THE MAIN SEWER.
MSD PERSONNEL CLEANED AND SANITIZED THE IMPACTED AREA.
CAUTION TAPE, TEMPORARY DISCHARGE SIGNS, AND BARRICADE PLACED AROUND THE IMPACTED AREA.
MANHOLE DISCHARGING.
ROOT CUT THE MAIN SEWER.
PUBLIC NOTIFIED THROUGH DOOR CARDS AND TEMPORARY SIGNS AT DISCHARGE SITE TO AVOID DISCHARGED CONTENT.

6/7/22 1:00 PM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV	\prod
6/7/22 1:00 PM	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION	

MAIN



KPDES # Facility Water Quality Treatement Center Receiving Stream of Treatment Center Region

KY0078956 MSD0277 DEREK R. GUTHRIE OHIO RIVER NA

Facility Type Facility ID Facility Address If Pump Station, Name of Pump Station: Receiving Stream Discharge to

SMHSewer Manhole 81608 5612 BRAULIO CT DEREK R. GUTHRIE WATTERSON TRAIL CREEK DITCH

Activity Code / Description WO # Ref No Initiated By **Assigned To Disch Status Event Date Problem** Result Completed **Condition Initiated** : DISDW: DRY WEATHER 3522201 06/02/2022 BOWLIN JR GRIGSBY, R REPAIRED -06/02/2022 OBSTRUCTION- UNAUTHORIZED 06/02/22 06:55

: DISDW: DRY WEATHER 3522201 06/02/2022 BOWLIN JR GRIGSBY, R REPAIRED - 06/02/2022 OBSTRUCTION- UNAUTHORIZED 06/02/22 06:55 DISCHARGE ISSUE NOT GREASE / DISCHARGE - PM

ISSUE NOT GREASE / DISCHARGE- PM
RESOLVED ROOTS WATERS

Discharge Reporting:

Discharge Amount:	50 GAL
Cause:	OBSTRUCTION IN THE MAIN SEWER.
Clean Up:	MSD PERSONNEL CLEANED THE IMPACTED AREA.
Control Zone:	ADVISED CUSTOMER TO AVOID CONTACT WITH IMPACTED AREA.
Impact:	WATER DISCHARGING FROM MANHOLE.
Repair:	FLUSHED TO REMOVE THE OBSTRUCTION; REFERRED TO TV CREW FOR INSPECTION, NO PROBLEM FOUND.
Public Notification:	ADVISED ON SITE.

6/3/22 1:00 PM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV	
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Facility Water Quality Treatement Center Receiving Stream of Treatment Center KPDES# Region MSD0277 DEREK R. GUTHRIE OHIO RIVER NA KY0078956 **Facility Type** Facility ID If Pump Station, Name of Pump Station: **Receiving Stream** Discharge to **Facility Address** DEREK R. GUTHRIE **SPLSewer Treatment Plant** MSD0277 11621 LOWER RIVER RD OHIO RIVER **STREAM**

Initiated By THOMPSON Activity Code / Description WO # Ref No **Initiated Assigned To Disch Status Event Date Problem** Result Completed **Condition** ROY 06/06/22 12:32 : DISDW: DRY WEATHER 3524042 06/06/2022 REPAIRED -06/06/2022 ELECTRICAL UNAUTHORIZED DISCHARGE

ISSUE PROBLEMS AT DISCHARGE- AM
RESOLVED MSD WATERS

Discharge Reporting:

Discharge Amount:	50 GAL
Cause:	TRIPPED BREAKER AND MSD STAFF RESET.
Clean Up:	NO DEBRIS.
Control Zone:	TEMP SIGN.
Impact:	SOLIDS.
Repair:	MSD STAFF RESET BREAKER.
Public Notification:	ON SITE.

6/6/22 1:00 PM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV	
6/6/22 1:00 PM	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION	



KPDES # Facility Water Quality Treatement Center Receiving Stream of Treatment Center Region ID

KY0034169 MSD0507 BCSD HILLVIEW #2 BROOKS RUN NA

Facility Type Facility ID		Facility Address		If Pump Station, Name of Pump Station:			Receiving Stream	Discharge to		
SPLSewer Treatment Plant	MSD0507		8405 CEDAR CREEK RD		BCSD HILLVIEW #2		BROOKS RUN	STREAM		
Activity Code / Description	WO # Ref No	Initiated	Initiated By	Assigned To	Disch Status	Event Date	Problem	Result	Completed	Condition

: DISREV: RAIN EVENT 3524391 06/07/2022 SMITH SMITH DOCUMENTE 12/06/2021 LACK OF UNAUTHORIZED 06/08/22 08:02

DISCHARGE DISCHARGE- AM

Discharge Reporting:

<u> </u>	
Discharge Amount:	13,000 GAL
Cause:	LACK OF CAPACITY.
Clean Up:	CLEANUP DEBRIS NEAR OUTFALL.
Control Zone:	ON PLANT.
Impact:	INF BYPASSED INF PUMP STATION.
Repair:	FLOW WENT DOWN FROM RAIN EVENT.
Public Notification:	TEMP SIGN NEAR FENCE.

Notifications:

6/7/22 1:00 PM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
6/7/22 1:00 PM	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION

7/8/2022 Page 6 of 8 10:03:32 AM



KPDES # Facility Water Quality Treatement Center Receiving Stream of Treatment Center Region

KY0034185 MSD0512 PIONEER VILLAGE #1 BROOKS RUN NA

Facility Type Facility ID Facility Address If Pump Station, Name of Pump Station: Receiving Stream Discharge to
SLSSewer Lift Station MSD2021-PS 8405 CEDAR CREEK RD PIONEER VILLAGE #1 BROOKS RUN STREAM

Activity Code / Description WO # Ref No **Initiated** Initiated By **Assigned To Disch Status Event Date** <u>Problem</u> Result Completed Condition 06/03/22 08:00 : DISREV: RAIN EVENT 3522029 06/02/2022 GOODWIN MECHANICAL QUEUED FOR 04/05/2022 LACK OF UNAUTHORIZED DISCHARGE **CREW** DISCHARGE-**INVESTIGATIO** SYSTEM PM N / REPAIR CAPACITY WATERS

Discharge Reporting:

gg.	
Discharge Amount:	181,300 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:	SITE FOUND DURING RAIN EVENT RECON - WILL BE MONITORED AND EVALUATED FOR REPAIR.
Public Notification:	PLACED TEMPORARY SIGNS AROUND THE IMPACTED AREA.

6/2/22 1:00 PM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV	I
6/2/22 1:00 PM	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION	



KPDES# **Facility Water Quality Treatement Center Receiving Stream of Treatment Center** Region

PIONEER VILLAGE #1

NA MSD0512 **BROOKS RUN** KY0034185

Facility Type	Facility ID	Facility Address	If Pump Station, Name of Pump Station:	Receiving Stream	Discharge to
SLSSewer Lift Station	MSD2021-PS	8405 CEDAR CREEK RD	PIONEER VILLAGE #1	BROOKS RUN	STREAM

Activity Code / Description	WO #	Ref No	<u>Initiated</u>	Initiated By	Assigned To	Disch Status	Event Date	<u>Problem</u>	<u>Result</u>	Completed Condition
: DISREV: RAIN EVENT	3522029	9	06/02/2022	GOODWIN	MECHANICAL	QUEUED FOR	04/05/2022	LACK OF	UNAUTHORIZED	06/03/22 08:00
DISCHARGE					CREW	INVESTIGATIO		SYSTEM	DISCHARGE-	PM
						N / REPAIR		CAPACITY	WATERS	

Discharge Reporting:

- 10011111 g 0 110 p 0 1 111 g 1	
Discharge Amount:	181,300 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:	SITE FOUND DURING RAIN EVENT RECON - WILL BE MONITORED AND EVALUATED FOR REPAIR.
Public Notification:	PLACED TEMPORARY SIGNS AROUND THE IMPACTED AREA.

Notifications:

6/2/22 1:00 PM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV	I
6/2/22 1:00 PM	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION	

Total Facilities Printed: 7

Total Work Orders Printed: 9

7/8/2022 Page 8 of 8 10:03:32 AM



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

July 29, 2022

District Supervisor KY Division of Water Louisville Regional Office 9116 Leesgate Road Louisville, KY 40222-5084

Re: Bypass Report for the: Bullitt County Sanitation District Hillview #2 Small Treatment Plant

To whom it may concern:

This plant experienced a bypass event and has been reported through our electronic notification system at approximately 08:20 AM on July 27th, 2022, referencing Work Order 3543970 as a Wet Weather Discharge. This letter serves as a written report of the bypass as required by 401 KAR 5:065.

Provided below are the details of the bypass event:

- Description of the noncompliance and its cause: Operations observed a bypass on the plant Influent Pump Station, this bypass was caused by high flow received during a rain event.
- Period of noncompliance: Starting 08:10 AM on July 26, 2022, and stopping 09:20 AM on July 27, 2022.
- Steps taken or planned to reduce, elimination and prevent recurrence: Plant flow went down allowing Influent Pump Station to catch up. MSD acquired this system on November 30, 2021 and continues to evaluate the systems for improvements in accordance with our Agreed Order with KDOW.
- Additional comments: No further comments.

Please advise if you have any questions concerning this information. You can contact me on my office telephone at (502)-540-6712, my cell phone at (502)-260-6494 or via email at Joseph.Smith@louisvillemsd.org.

Sincerely,

oseph S. Smith

Process Supervisor- Operations

cc:

Paul Bridges, KDEP Legal Department, MSD

eB File