

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: Pioneer Village STP, KPDES No: KY0034185

Discharge Monitoring Report for June 2022.

Dear Ms. Dennis:

Attached are the Discharge Monitoring Report (DMR) for the Pioneer Village STP, for the month June 2022.

There were no overflows or exceedances

Also attached in the 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/ PV 06/22.

Cc: V. Teague /B. Tinnell

DMR Copy of Record

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Permit #: KY0034185

Permittee: Louisville and Jefferson County MSD

Major: No

700 W Liberty St Louisville, KY 40203 Facility: PIONEER VILLAGE SEWER PLANT #1

Permittee Address: 700 W Liberty S

Facility Location: 12600 MORNINGSIDE DR LOUISVILLE, KY 40229

Permitted Feature: 001 External Outfall Discharge: 001-1

DMR Due Date:

Title:

Report Dates & Status

Monitoring Period: From 06/01/22 to 06/30/22

Domestic Wastewater

NetDMR Validated

Considerations for Form Completion

Principal Executive Officer

First Name: James

Executive Director

07/28/22

Telephone: 502-540-6000

Status:

Last Name: Parrott

No Data Indicator (NODI)

Form NODI:

Nitrogen, ammonia total [as N] 1 - Effluent Gross 1 Permit Req.		Parameter	Monitoring Location	Season #	# Param. NODI	ı		G	uantity or Loa	nding					Quality or Conce	entration			# of E	x. Frequency of Analys	sis Sample Type
Description Control	Code	Name					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier '	1 Value 1	Qualifier 2	2 Value 2	Qualifier 3	Value 3	Units			
Value NOD Val						Sample						=	7.6					19 - mg/L		01/30 - Monthly	GR - GRAB
Value NOOI	00300	Oxygen, dissolved [DO]	1 - Effluent Gross	0		Permit Req.						>=	7.0 INST MIN	I				19 - mg/L	0	01/30 - Monthly	GR - GRAB
Particle Particle		33. ,				Value NODI															
Particle Particle						Sample						=	7.81			=	7.81	12 - SU		01/30 - Monthly	GR - GRAB
Nation N	00400	nU	1 Effluent Greec	0										1		<=			0		
Sample	00400	рп	1 - Ellidelit Gloss	U	-	Value NODI													U		
Solids, total suspended															6.0		6.0	19 - mg/l		01/30 - Monthly	CP - COMPOS
Value NOD Val																			_	,	
Sample	00530	Solids, total suspended	1 - Effluent Gross	0										-	00.0 10.0 71.0	\	10.0 MIX WICH	10 mg/L	0	0 1700 Michaely	01 001111 00
Nitrogen, total [as N] 1 - Effluent Gross 0																					
Value NOD Val														-							
Sample	00600	Nitrogen, total [as N]	1 - Effluent Gross	0		Permit Req.									Req Mon MO AVG	i	Req Mon DAILY MX	19 - mg/L	0	01/30 - Monthly	CP - COMPOS
Nitrogen, ammonia total [as N] 1 - Effluent Gross 1 Permit Req.						Value NODI	ı														
Value NOD Val						Sample								<	0.2	<	0.2	19 - mg/L		01/30 - Monthly	CP - COMPOS
Value NOD Val	00610	Nitrogen ammonia total (as N1	1 - Effluent Gross	1		Permit Req.								<=	4.0 MO AVG	<=	6.0 DAILY MX	19 - mg/L	0	01/30 - Monthly	CP - COMPOS
Phosphorus, total [as P] 1 - Effluent Gross 0	000.0	The second color (accord				Value NODI													Ū		
Value NOD Val						Sample								=	3.6	=	3.6	19 - mg/L		01/30 - Monthly	CP - COMPOS
Value NOD Sample 0.255 = 0.301 0.3 · MGD 01/30 · Monthly IN · INSTAN O1/30 · Monthly O1/30 · Mont	00665	Phoenhorus total (as P1	1 - Effluent Gross	0		Permit Req.									Req Mon MO AVG	i	Req Mon DAILY MX	19 - mg/L	Λ	01/30 - Monthly	CP - COMPOS
Sample 0.255 0.301 03 - MGD 01/30 - Monthly N - INSTAN 01/30 - Monthly 01/30 - Month	00003	i nosphorus, total [as i]	1 - Lilidelli Gioss	U		Value NODI													U		
Flow, in conduit or thru treatment plant 1 - Effluent Gross 0 Permit Req. Req Mon MO AVG Value NODI Sample 1 - Effluent Gross 0 Permit Req. Req Mon MO AVG Req Mon MX WK AV 03 - MGD Chlorine, total residual 1 - Effluent Gross 0 Permit Req. Req Mon MO AVG Req Mon MX WK AV 03 - MGD Chlorine, total residual 1 - Effluent Gross 0 Sample Permit Req. 0 Value NODI Sample 1 - Effluent Gross 0 Sample Sample Permit Req. 0 Value NODI Sample 1 - Effluent Gross 0 Sample Permit Req. 0 Value NODI Sample Sampl						Sample	= (0.255	_	0.301	03 - MGI)								01/30 - Monthly	IN - INSTAN
Value NODI Val	50050		4 5#1			_													0		
Sample Chlorine, total residual 1 - Effluent Gross O Sample O O O O O O O O O	50050	Flow, in conduit or thru treatment plant	1 - Emuent Gross	0															U	,	
50060 Chlorine, total residual 1 - Effluent Gross 0 Permit Req. Value NODI Permit Req. Value NODI Sample = 6.0 = 6.0 13 - #/100mL 01/30 - Monthly GR - GRAB 51040 E. coli 1 - Effluent Gross 0 Permit Req. 240.0 7 DA GEO 13 - #/100mL 01/30 - Monthly GR - GRAB																					
Value NODI Sample E. coli 1 - Effluent Gross 0 Value NODI 1 - Effluent Gross 0 Value NODI To a coli Value NODI Sample																					
Sample = 6.0 = 6.0 13 - #/100mL 01/30 - Monthly GR - GRAB GR - GR - GRAB GR - GR - GRAB GR - GR - GRAB GR - GR	50060	Chlorine, total residual	1 - Effluent Gross	0										<=	0.011 MO AVG	<=	0.019 DAILY MX	19 - mg/L	0	01/30 - Monthly	GR - GRAB
51040 E. coli 1 - Effluent Gross 0 Permit Req. 0 1 - Effluent Gross 0 0 Oli/30 - Monthly GR - GRAB						Value NODI	I														
0.000 2.000						Sample								=	6.0	=				01/30 - Monthly	GR - GRAB
	51040	E. coli	1 - Effluent Gross	0		Permit Req.								<=	130.0 30DA GEO	<=	240.0 7 DA GEO	13 - #/100mL	0	01/30 - Monthly	GR - GRAB
Value NODI				_		Value NODI	ı												•		
Sample = 5.0 = 5.0 19 - mg/L 01/30 - Monthly CP - COMPOS						Sample								=	5.0	=	5.0	19 - mg/L		01/30 - Monthly	CP - COMPOS
	80083	BOD carbonaceous [5 day 20 C]	1 - Effluent Gross	0														_	0		CP - COMPOS
Value NODI	00002	505, carbonaceous [5 day, 20 O]	- Lindelit Gioss	U		Value NODI													U		

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

ame Type Siz

PVCoverLetter0622.pdf		pdf
06_June_Discharge_Report_All_Serv	vice_Areas_FIN.pdf	pdf
Report Last Saved By		
Louisville and Jefferson County	y MSD	
User:	JOSEPH.SMITH@LOUISVILLEMSD.ORG	
Name:	Joseph Smith	
E-Mail:	joseph.smith@louisvillemsd.org	
Date/Time:	2022-07-22 07:44 (Time Zone: -04:00)	
Report Last Signed By		
Jser:	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	ement Center	Receiving Stream	of Treatment Center	Region
KY0078956	MSD0277		DEREK R. GUTHRIE		ОН	O RIVER	NA
Facility Type	Facility ID		Facility Address	If Pump Station, Name	•	Receiving Stream	Discharge to
SVSewer Valve	106733-V		7318 REGIMENT RD	DEREK R. GUTI	HRIE	PENNSYLVANIA RUN	DITCH
Activity Code / Description : DISDW: DRY WEATHER DISCHARGE	WO # Ref No 3533163	<u>Initiated</u> 06/22/2022	Initiated By Assigned To CATALANO JR BOUTIN		ent Date Problem /22/2022 STRUCTURA FAILURE		ompleted Condition 6/22/22 07:00 M

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:

16,060 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



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
6/7/22 1:00 PM	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION

MAIN



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 SMHSewer Manhole 81608 5612 BRAULIO CT 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

DISCHARGE NOT GREASE / ISSUE DISCHARGE-PM

RESOLVED ROOTS WATERS

Discharge Reporting:

Diodital go i topol tillg.	
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**

Activity Code / Description WO # Ref No **Initiated Assigned To Disch Status Event Date Problem** Result Completed **Condition**

Initiated By THOMPSON 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

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.

RESOLVED

MSD

WATERS

Notifications:

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	

7/8/2022 Page 5 of 8 10:03:32 AM



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	F	Facility Addre	ss	If Pump Station, N	lame of Pump \$	Station:	Receiving Stream	Discharge to
SPLSewer Treatment Plant	MSD0507	8	3405 CEDAR	CREEK RD	BCSD HILL	VIEW #2		BROOKS RUN	STREAM
Activity Code / Description	WO # Ref No		nitiated 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 D SYSTEM DISCHARGE- AM

Discharge Reporting:

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 TypeFacility IDFacility AddressIf Pump Station, Name of Pump Station:Receiving StreamDischarge toSLSSewer Lift StationMSD2021-PS8405 CEDAR CREEK RDPIONEER VILLAGE #1BROOKS RUNSTREAM

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 INVESTIGATIO SYSTEM DISCHARGE- PM N / REPAIR CAPACITY WATERS

Discharge Reporting:

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	



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

PIONEER VILLAGE #1

BROOKS RUN

Condition

MSD0512 NA KY0034185

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

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

N / REPAIR CAPACITY WATERS

Discharge Reporting:

- 10011111 9 1 1 1 9 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

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