



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

Permit			
Permit #:	KY0034185	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 Domestic Wastewater
Facility:	PIONEER VILLAGE SEWER PLANT #1		
Facility Location:	12600 MORNINGSIDE DR LOUISVILLE, KY 40229		

Report Dates & Status			
Monitoring Period:	From 06/01/22 to 06/30/22	DMR Due Date:	07/28/22
Status:	NetDMR Validated		

Considerations for Form Completion

Principal Executive Officer			
First Name:	James	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					=	7.6					19 - mg/L	0	01/30 - Monthly	GR - GRAB
					Permit Req.					>=	7.0 INST MIN					19 - mg/L		01/30 - Monthly	GR - GRAB
					Value NODI														
00400	pH	1 - Effluent Gross	0	--	Sample					=	7.81			=	7.81	12 - SU	0	01/30 - Monthly	GR - GRAB
					Permit Req.					>=	6.0 MINIMUM			<=	9.0 MAXIMUM	12 - SU		01/30 - Monthly	GR - GRAB
					Value NODI														
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample							<	6.0	<	6.0	19 - mg/L	0	01/30 - Monthly	CP - COMPOS
					Permit Req.						<=	30.0 MO AVG	<=	45.0 MX WK AV	19 - mg/L	01/30 - Monthly		CP - COMPOS	
					Value NODI														
00600	Nitrogen, total [as N]	1 - Effluent Gross	0	--	Sample							=	22.0	=	22.0	19 - mg/L	0	01/30 - Monthly	CP - COMPOS
					Permit Req.							Req Mon MO AVG		Req Mon DAILY MX	19 - mg/L	01/30 - Monthly		CP - COMPOS	
					Value NODI														
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	1	--	Sample							<	0.2	<	0.2	19 - mg/L	0	01/30 - Monthly	CP - COMPOS
					Permit Req.						<=	4.0 MO AVG	<=	6.0 DAILY MX	19 - mg/L	01/30 - Monthly		CP - COMPOS	
					Value NODI														
00665	Phosphorus, total [as P]	1 - Effluent Gross	0	--	Sample							=	3.6	=	3.6	19 - mg/L	0	01/30 - Monthly	CP - COMPOS
					Permit Req.							Req Mon MO AVG		Req Mon DAILY MX	19 - mg/L	01/30 - Monthly		CP - COMPOS	
					Value NODI														
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	0.255	=	0.301	03 - MGD							0	01/30 - Monthly	IN - INSTAN
					Permit Req.		Req Mon MO AVG		Req Mon MX WK AV	03 - MGD						01/30 - Monthly		IN - INSTAN	
					Value NODI														
50060	Chlorine, total residual	1 - Effluent Gross	0	--	Sample							<	0.01	<	0.01	19 - mg/L	0	01/30 - Monthly	GR - GRAB
					Permit Req.						<=	0.011 MO AVG	<=	0.019 DAILY MX	19 - mg/L	01/30 - Monthly		GR - GRAB	
					Value NODI														
51040	E. coli	1 - Effluent Gross	0	--	Sample							=	6.0	=	6.0	13 - #/100mL	0	01/30 - Monthly	GR - GRAB
					Permit Req.						<=	130.0 30DA GEO	<=	240.0 7 DA GEO	13 - #/100mL	01/30 - Monthly		GR - GRAB	
					Value NODI														
80082	BOD, carbonaceous [5 day, 20 C]	1 - Effluent Gross	0	--	Sample							=	5.0	=	5.0	19 - mg/L	0	01/30 - Monthly	CP - COMPOS
					Permit Req.						<=	15.0 MO AVG	<=	22.5 MX WK AV	19 - mg/L	01/30 - Monthly		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
No errors.

Comments

Attachments		
Name	Type	Size

PVCoverLetter0622.pdf	pdf	32831.0
06_June_Discharge_Report_All_Service_Areas_FIN.pdf	pdf	38139.0

Report Last Saved By

Louisville and Jefferson County 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

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 Treatment 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
SVSewer Valve	106733-V	7318 REGIMENT RD	DEREK R. GUTHRIE	PENNSYLVANIA RUN	DITCH

<u>Activity Code / Description</u>	<u>WO #</u>	<u>Ref No</u>	<u>Initiated</u>	<u>Initiated By</u>	<u>Assigned To</u>	<u>Disch Status</u>	<u>Event Date</u>	<u>Problem</u>	<u>Result</u>	<u>Completed</u>	<u>Condition</u>
: DISDW: DRY WEATHER DISCHARGE	3533163		06/22/2022	CATALANO JR BOUTIN		REPAIRED - ISSUE RESOLVED	06/22/2022	STRUCTURAL FAILURE	UNAUTHORIZED DISCHARGE- WATERS	06/22/22 07:00 AM	

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.

Notifications:

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

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

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

Discharge Reporting:

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.

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

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

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

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

Discharge Reporting:

Discharge Amount:	8,050 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.

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

KPDES #	Facility ID	Water Quality Treatment 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

<u>Activity Code / Description</u>	<u>WO #</u>	<u>Ref No</u>	<u>Initiated</u>	<u>Initiated By</u>	<u>Assigned To</u>	<u>Disch Status</u>	<u>Event Date</u>	<u>Problem</u>	<u>Result</u>	<u>Completed</u>	<u>Condition</u>
: DISDW: DRY WEATHER DISCHARGE	3522201		06/02/2022	BOWLIN JR	GRIGSBY, R	REPAIRED - ISSUE RESOLVED	06/02/2022	OBSTRUCTION- NOT GREASE / ROOTS	UNAUTHORIZED DISCHARGE- WATERS	06/02/22 06:55 PM	MAIN

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.

Notifications:

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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KPDES #	Facility ID	Water Quality Treatment 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
SPLSewer Treatment Plant	MSD0277	11621 LOWER RIVER RD	DEREK R. GUTHRIE	OHIO RIVER	STREAM

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

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

KPDES #	Facility ID	Water Quality Treatment Center	Receiving Stream of Treatment Center	Region
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 DISCHARGE	3524391		06/07/2022	SMITH	SMITH	DOCUMENTE D	12/06/2021	LACK OF SYSTEM	UNAUTHORIZED DISCHARGE-	06/08/22 08:02 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

KPDES #	Facility ID	Water Quality Treatment 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	Problem	Result	Completed	Condition
: DISREV: RAIN EVENT DISCHARGE	3522029		06/02/2022	GOODWIN	MECHANICAL CREW	QUEUED FOR INVESTIGATION / REPAIR	04/05/2022	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE-WATERS	06/03/22 08:00 PM	

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.

Notifications:

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

KPDES #	Facility ID	Water Quality Treatment 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

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

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.

Notifications:

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

Total Facilities Printed: 7

Total Work Orders Printed: 9