



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

September 24, 2024

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

**RE: Pioneer Village STP, KPDES No: KY0034185
Discharge Monitoring Report for August 2024.**

Dear Ms. Dennis:

Attached is the Discharge Monitoring Report (DMR) for the Pioneer Village STP, for the month of August 2024.

There were no overflows, or exceedances.

There was one bypass due to power failure.

If you have any questions concerning the attached DMR's, please contact me at (502) 540-6717.

Sincerely,

Jon Baldridge
Process Supervisor

JOB/ PV 8/24.

Cc: V. Teague /B. Tinnell

EPA may make all the information submitted through this form (including all attachments) available to the public without further notice to you. Do not use this online form to submit personal information (e.g., non-business cell phone number or non-business email address), confidential business information (CBI), or if you intend to assert a CBI claim on any of the submitted information. Pursuant to 40 CFR 2.203(a), EPA is providing you with notice that all CBI claims must be asserted at the time of submission. EPA cannot accommodate a late CBI claim to cover previously submitted information because efforts to protect the information are not administratively practicable since it may already be disclosed to the public. Although we do not foresee a need for persons to assert a claim of CBI based on the types of information requested in this form, if persons wish to assert a CBI claim we direct submitters to contact the [NPDES eReporting Help Desk](#) for further guidance. Please note that EPA may contact you after you submit this report for more information.

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Permit

Permit #:
Major:

KY0034185
No

Permittee:
Permittee Address:

Louisville and Jefferson County MSD
700 W Liberty St
Louisville, KY 40203

Facility:
Facility Location:

PIONEER VILLAGE SEWER PLANT #1
12600 MORNINGSIDE DR
LOUISVILLE, KY 40229

Permitted Feature:

001
External Outfall

Discharge:

001-1
Domestic Wastewater

Report Dates & Status

Monitoring Period:

From 08/01/24 to 08/31/24

DMR Due Date:

09/28/24

Status:

NetDMR Validated

Considerations for Form Completion

Principal Executive Officer

First Name:
Last Name:

James A.
Parrott

Title:

Executive Director

Telephone:

502-540-6000

No Data Indicator (NODI)

Form NODI: --

Parameter		Monitoring Location	Season #	Param. NODI		Quantity or Loading					Quality or Concentration							# of Ex.	Frequency of Analysis	Sample Type
Code	Name					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						=	6.8			=	6.8	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								=	11.8	=	11.8	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								=	1.05	=	1.05	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	=	0.237	=	0.39	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								=	9.0	=	9.0	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			
PVOverflow.pdf												pdf				62842.0			
PioneerVillagecoverletter.pdf												pdf				188922.0			
Report Last Saved By																			
Louisville and Jefferson County MSD																			
User:		JON.BALDRIDGE@LOUISVILLEMSD.ORG																	
Name:		Jonathan Baldrige																	
E-Mail:		jon.baldrige@louisvillemSD.org																	
Date/Time:		2024-09-24 10:35 (Time Zone: -04:00)																	
Report Last Signed By																			
User:		JON.BALDRIDGE@LOUISVILLEMSD.ORG																	
Name:		Jonathan Baldrige																	
E-Mail:		jon.baldrige@louisvillemSD.org																	
Date/Time:		2024-09-24 12:35 (Time Zone: -04:00)																	



IMSAST0004
Overflow Report
8/1/2024 12:00:00 AM to 8/31/2024 12:00:00 AM

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

Facility Type	Facility ID	Facility Address	If Pump Station, Name of Station	Receiving Stream	Discharge To
Sewer Treatment Plant	MSD0512	815 JOHN HARPER HWY	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	3825260		8/1/2024 7:50:00 AM	BALDRIDGE		QUEUED FOR INVESTIGATION / REPAIR	3/7/2023 12:00:00 AM	BYPASS AT WQTC	UNAUTHORIZED DISCHARGE-WATERS	08/02/24 08:51 AM	

Discharge Reporting:

Discharge Amount:	610 GAL
Cause:	POWER FAILURE LG&E OUTAGE.
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:	POWER WAS RESTORED AND INFLUENT WELL CAUGHT UP.
Public Notification:	SIGNS POSTED ON FENCE.

Notifications:

8/1/24 1:00 PM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
8/1/24 1:00 PM	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION