

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

August 22, 2024

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

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

Dear Ms. Dennis:

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

There was no bypass, or exceedances to report.

Please see attached discharge report.

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

Sincerely,

Jon Baldridge Process Supervisor

JOB/ PV 7/24.

Cc: V. Teague /B. Tinnell

Form Approved OMB No. 2040-0004 expires on 07/31/2026 **DMR Copy of Record**

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.

This collection of information is approved by OMB under the Paperwork Reduction Act, 44 U.S.C. 3501 et seq. (OMB Control No. 2040-0004). Responses to this collection of information are mandatory in accordance with this permit and EPA NPDES regulations 40 CFR 122.41(I)(4)(i). An agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a currently valid OMB control number. The public reporting and recordkeeping burden for this collection of information are estimated to average 2 hours per outfall. Send comments on the Agency's need for this information, the accuracy of the provided burden estimates and any suggested methods for minimizing respondent burden to the Regulatory Support Division Director, U.S. Environmental Protection Agency (2821T), 1200 Pennsylvania Ave., NW, Washington, D.C. 20460. Include the OMB control number in any correspondence. Do not send the completed form to this address.

Permit					
Permit #:	KY0034185	Permittee:	Louisville and Jefferson County MSD	Facility:	PIONEER VILLAGE SEWER PLANT #1
Major:	No	Permittee Address:	700 W Liberty St Louisville, KY 40203	Facility Location:	12600 MORNINGSIDE DR LOUISVILLE, KY 40229
Permitted Feature:	001 External Outfall	Discharge:	001-1 Domestic Wastewater		
Report Dates & Status					
Monitoring Period:	From 07/01/24 to 07/31/24	DMR Due Date:	08/28/24	Status:	NetDMR Validated
Considerations for Form Completic	on				

Principal Executive Officer

No Data Indicator (NODI)

First Name: James Title: **Executive Director** Telephone: 502-540-6000

Last Name: Parrott

Form N	ODI:																			
	Parameter	Monitoring Location	Season #	Param. NODI			Qı	antity or Loa	nding					Quality or Conce	entration			# 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			
					Sample						=	7.1					19 - mg/L		01/30 - Monthly	GR - GRAB
00300	Oxygen, dissolved [DO]	1 - Effluent Gross	0		Permit Req.						>=	7.0 INST MIN					19 - mg/L		01/30 - Monthly	GR - GRAB
00300	Oxygen, dissolved [DO]	1 - Ellidelli Gloss	U		Value NODI															
					Sample						=	6.3			=	6.3	12 - SU		01/30 - Monthly	GR - GRAB
00400	Н	1 - Effluent Gross	0		Permit Req.						>=	6.0 MINIMUM			<=	9.0 MAXIMUM	12 - SU	0	01/30 - Monthly	GR - GRAB
00400	P.	1 Emacin Gross			Value NODI															
					Sample								<	6.0	<	6.0	19 - mg/L		01/30 - Monthly	CP - COMPOS
00530	Solids, total suspended	1 - Effluent Gross	0		Permit Req.								<=	30.0 MO AVG	<=	45.0 MX WK AV	19 - mg/L	0	01/30 - Monthly	CP - COMPOS
					Value NODI															
					Sample								-	21.4	=	21.4	19 - mg/L		01/30 - Monthly	CP - COMPOS
00600	Nitrogen, total [as N]	1 - Effluent Gross	0		Permit Req.									Req Mon MO AVG		Req Mon DAILY MX	19 - mg/L	0	01/30 - Monthly	CP - COMPOS
00000	Nitrogen, total [as N]	1 - Ellident Gloss	U		Value NODI													U		
					Sample								<	0.2	<	0.2	19 - mg/L		01/30 - Monthly	CP - COMPOS
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	1		Permit Req.								<=	4.0 MO AVG	<=	6.0 DAILY MX	19 - mg/L	0	01/30 - Monthly	CP - COMPOS
00010	This ogon, animoma total [ao 14]	1 Emdon Grood	,		Value NODI															
					Sample								=	5.36	=	5.36	19 - mg/L		01/30 - Monthly	CP - COMPOS
00005	Dhaankama (atal faa Di	4 5#	0		Permit Reg.									Reg Mon MO AVG		Req Mon DAILY MX			01/30 - Monthly	CP - COMPOS
00665	Phosphorus, total [as P]	1 - Effluent Gross	0		Value NODI													U	,	
					Sample		R51	_	0.368	03 - MGD									01/30 - Monthly	IN - INSTAN
50050		4 500			Permit Reg.		eg Mon MO AVG		Reg Mon MX WK AV										01/30 - Monthly	IN - INSTAN
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0		Value NODI				req men mat tricati	0002								0	o in each initiality	
					Sample								<	0.01	<	0.01	19 - mg/L		01/30 - Monthly	GR - GRAB
					Permit Reg.									0.011 MO AVG	<=		19 - mg/L		01/30 - Monthly	GR - GRAB
50060	Chlorine, total residual	1 - Effluent Gross	0										\	0.011 100 7100	\	0.013 BAILT WA	15 Hig/L	0	01/00 Working	OK OK
					Value NODI															
					Sample								=	1.0		1.0	13 - #/100mL		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															
					Sample								<	4.0	<	4.0	19 - mg/L		01/30 - Monthly	CP - COMPOS
80082	BOD, carbonaceous [5 day, 20 C]	1 - Effluent Gross	0		Permit Req.								<=	15.0 MO AVG	<=	22.5 MX WK AV	19 - mg/L	0	01/30 - Monthly	CP - COMPOS
00002	BOD, carbonaceous [5 day, 20 C]	i - Elliuelli Gioss	U															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

Name Size

PVOverflow.pdf

pdf 216182.0

PioneerVillagecoverletter.pdf pdf 188142.0

Report Last Saved By

Louisville and Jefferson County MSD

User: JON.BALDRIDGE@LOUISVILLEMSD.ORG

Name: Jonathan Baldridge

E-Mail: jon.baldridge@louisvillemsd.org

Date/Time: 2024-08-22 08:40 (Time Zone: -04:00)

Report Last Signed By

User: JON.BALDRIDGE@LOUISVILLEMSD.ORG

Name: Jonathan Baldridge

E-Mail: jon.baldridge@louisvillemsd.org

Date/Time: 2024-08-22 08:43 (Time Zone: -04:00)



KPDES#	Facility ID	Water Q	uality Treatmo	ent Center	Recieving Steam	m of Discharge	Region				
KY0034185	MSD0512	PIONEE	R VILLAGE #1		BROOKS RUN						
Facility Type	Facility ID	Facility A	Address	If Pump Station	, Name of Station	า	Recieving Str	ream	Discharge To		
Sewer Lift Station	MSD2021-PS	021-PS 165 OCTAGON AVE PIONEER VILL			GE #1		BROOKS RUI	N	STREAM		
Activity Code /	WO#	Ref#	In Manager	Initiated Day	Assigned To	Dish Status	Frank Data	Problem Desc	Deculé	Completed	Condition
Description		Kei #	Initiated on	initiated by	Assigned 10	Disii Status	Event Date	Problem Desc	Result	Completed	Collattion

Discharge Reporting:

Discharge Amount:	95,700 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:	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
Public Notification:	PLACED TEMPORARY SIGNS AROUND THE IMPACTED AREA.

Notifications:

7/4/24 1:00 AM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
7/4/24 1:00 AM	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION



KPDES #	Facility ID	Water Q	Quality Treatment Center Recieving Steam of Discharge			m of Discharge	Region					
KY0034185	MSD0512	PIONEE	R VILLAGE #1	E#1 BROOKS RUN								
Facility Type	Facility ID	Facility	Address	If Pump Station	, Name of Statio	n	Recieving St	ream	Discharge To			
Sewer Lift Station	MSD2021-P\$	165 OC	55 OCTAGON AVE PIONEER VILLA		GE #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	3817062		7/9/2024 11:30:00 PM	BUTLER	BUTLER	DOCUMENTED	12/21/2022 12:00:00 AM	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE- WATERS	07/11/24 01:43 PM		

Discharge Reporting:

Discharge Amount:	25,700 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:

7/10/24 1:00 PM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
7/10/24 1:00 PM	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION

8/9/2024

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11:14:36 AM



KPDES#	Facility ID	Water Q	uality Treatm	ent Center	Recieving Stea	m of Discharge	Region				
KY0034185	MSD0512	PIONEE	R VILLAGE #1		BROOKS RUN						
Facility Type	Facility ID	Facility	Address	If Pump Station	, Name of Statio	n	Recieving St	ream	Discharge To		
Sewer Lift Station	MSD2021-PS	165 OC	TAGON AVE	PIONEER VILLA	AGE #1		BROOKS RUI	N	STREAM		
Activity Code / Description	WO#	Ref#	Initiated on	Initiated By	Assigned To	Dish Status	Event Date	Problem Desc	Result	Completed	Condition
DISREV:RAIN	3818048		7/17/2024	BUTLER	BUTLER	DOCUMENTED	12/21/2022	LACK OF SYSTEM	UNAUTHORIZED	07/18/24	

Discharge Reporting:

Discharge Amount:	39,600 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:

7/17/24 1:00 PM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV	
7/17/24 1:00 PM	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION	



KPDES #	Facility ID	Water C	uality Treatm	ent Center	t Center Recieving Steam of Discharge			Region					
KY0034185	MSD0512	PIONEE	R VILLAGE #1		BROOKS RUN								
Facility Type	Facility ID	Facility	Address	If Pump Station	, Name of Statio	n	Recieving St	ream	Discharge To				
Sewer Lift Station	MSD2021-PS	165 O	TAGON AVE	PIONEER VILL	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	3824686		7/29/2024	SANTEE	SANTEE	DOCUMENTED	12/21/2022	LACK OF SYSTEM	UNAUTHORIZED	08/04/24			

Discharge Reporting:

Discharge Amount:	420,900 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:

7/29/24 1:00 PM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
7/29/24 1:00 PM	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION