



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

August 20th, 2026

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

**RE: Derek Guthrie Water Quality Treatment Center, KPDES No: KY0078956,
Discharge Monitoring Report for July 2026.**

Dear Ms. Dennis:

Attached are the Discharge Monitoring Report (DMR) and the Monthly Operating Report for the Derek Guthrie WQTC, KPDES No. KY 0078956, for the month of July 2026.

There were no bypasses, or exceedances.

Also attached is an overflow report.

If you have any questions concerning the attached DMR's, please contact me at (502) 919-5794.

Sincerely,

A handwritten signature in black ink, appearing to read 'Scott Reed', with a long horizontal flourish extending to the right.

Scott Reed
Process Supervisor

SR 7/26.

Cc: V. Teague, B. Tinnel

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(l)(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 #:
Major:

KY0078956
Yes

Permittee:
Permittee Address:

Derek R Guthrie WQTC MSD
700 W Liberty St
Louisville, KY 40203

Facility:
Facility Location:

DEREK R GUTHRIE WQTC MSD
11621 LOWER RIVER RD
LOUISVILLE, KY 40272

Permitted Feature:

001
External Outfall

Discharge:

001-1
Treated Municipal Wastewater from a POTW which includes an Approved Pretreatment Program

Report Dates & Status

Monitoring Period:

From 07/01/26 to 07/31/26

DMR Due Date:

08/28/26

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						=	7.0					19 - mg/L	0	01/01 - Daily	GR - Grab
					Permit Req.						>=	2.0 INST MIN					19 - mg/L		03/07 - Three Per Week	GR - Grab
					Value NODI															
00310	BOD, 5-day, 20 deg. C	1 - Effluent Gross	0	--	Sample	=	6760.0	=	15151.0	26 - lb/d			=	13.0	=	15.0	19 - mg/L	0	01/01 - Daily	CP - Composite
					Permit Req.	<=	15012.0 MO AVG	<=	22518.0 DAILY MX	26 - lb/d			<=	30.0 MO AVG	<=	45.0 MX WK AV	19 - mg/L		03/07 - Three Per Week	24 - 24 Hour Composite
					Value NODI															
00310	BOD, 5-day, 20 deg. C	G - Raw Sewage Influent	0	--	Sample								=	276.0	=	324.0	19 - mg/L	0	01/01 - Daily	CP - Composite
					Permit Req.									Req Mon MO AVG		Req Mon MX WK AV	19 - mg/L		03/07 - Three Per Week	24 - 24 Hour Composite
					Value NODI															
00400	pH	1 - Effluent Gross	0	--	Sample						=	7.0			=	7.4	12 - SU	0	01/01 - Daily	GR - Grab
					Permit Req.						>=	6.0 MINIMUM			<=	9.0 DAILY MX	12 - SU		03/07 - Three Per Week	GR - Grab
					Value NODI															
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample	=	4748.0	=	8486.0	26 - lb/d			=	9.0	=	11.0	19 - mg/L	0	01/01 - Daily	CP - Composite
					Permit Req.	<=	15012.0 MO AVG	<=	22518.0 DAILY MX	26 - lb/d			<=	30.0 MO AVG	<=	45.0 MX WK AV	19 - mg/L		03/07 - Three Per Week	24 - 24 Hour Composite
					Value NODI															
00530	Solids, total suspended	G - Raw Sewage Influent	0	--	Sample								=	495.0	=	611.0	19 - mg/L	0	01/01 - Daily	CP - Composite
					Permit Req.									Req Mon MO AVG		Req Mon MX WK AV	19 - mg/L		03/07 - Three Per Week	24 - 24 Hour Composite
					Value NODI															
00600	Nitrogen, total [as N]	1 - Effluent Gross	0	--	Sample								=	10.0	=	12.1	19 - mg/L	0	01/07 - Weekly	CP - Composite
					Permit Req.									Req Mon MO AVG		Req Mon DAILY MX	19 - mg/L		01/07 - Weekly	24 - 24 Hour Composite
					Value NODI															
00600	Nitrogen, total [as N]	G - Raw Sewage Influent	0	--	Sample								=	23.3	=	25.5	19 - mg/L	0	01/07 - Weekly	CP - Composite
					Permit Req.									Req Mon MO AVG		Req Mon DAILY MX	19 - mg/L		01/07 - Weekly	24 - 24 Hour Composite
					Value NODI															
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	0	--	Sample	=	1693.0	=	3650.0	26 - lb/d			=	3.0	=	5.3	19 - mg/L	0	01/01 - Daily	CP - Composite
					Permit Req.	<=	10008.0 MO AVG	<=	15012.0 DAILY MX	26 - lb/d			<=	20.0 MO AVG	<=	30.0 DAILY MX	19 - mg/L		03/07 - Three Per Week	24 - 24 Hour Composite
					Value NODI															
00665	Phosphorus, total [as P]	1 - Effluent Gross	0	--	Sample								=	0.9	=	1.3	19 - mg/L	0	01/07 - Weekly	CP - Composite
					Permit Req.									Req Mon MO AVG		Req Mon DAILY MX	19 - mg/L		01/07 - Weekly	24 - 24 Hour Composite

					Value NODI																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									</
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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
DischargeReporJulyAllotherServiceAreas.pdf	pdf	104002.0
DRGCoverLetter_7_26.pdf	pdf	37710.0
WCMOR061318072026.xls	xls	138240.0

Report Last Saved By

Derek R Guthrie WQTC MSD

User: REED0325

Name: Scott Reed

E-Mail: reeds@louisvillemsd.org

Date/Time: 2026-08-20 13:24 (Time Zone: -04:00)

Report Last Signed By

User: REED0325

Name: Scott Reed

E-Mail: reeds@louisvillemsd.org

Date/Time: 2026-08-20 13:24 (Time Zone: -04:00)



IMSAST0004
Overflow Report
7/1/2026 12:00:00 AM to 7/31/2026 12:00:00 AM

KPDES #	Facility ID	Water Quality Treatment Center	Receiving Stream of Discharge	Region
KY0102784	WQTCFF	FLOYDS FORK WQTC	FLOYDS FORK	JEFFERSON

Facility Type	Facility ID	Facility Address	Receiving Stream	Discharge To
Sewer Manhole	46316	1120 BLACKTHORN RD		

Activity Code / Description	WO #	Ref #	Initiated on	Initiated By	Assigned To	Dish Status	Event Date	Problem Desc	Result	Completed	Condition
DISDW:DRY WEATHER DISCHARGE	4133008		7/24/2026 8:45:00 AM	FERRELL		REPAIRED - ISSUE RESOLVED	7/24/2026 12:00:00 AM	MECHANICAL FAILURE	UNAUTHORIZED DISCHARGE-WATERS	07/24/26 10:15 AM	MAIN

Discharge Reporting:

Discharge Amount:	100 GAL
Cause:	MECHANICAL FAILURE OF PUMP STATION.
Clean Up:	MSD PERSONNEL WILL CLEAN AND SANITIZE IMPACTED AREA DISCLN 4133010.
Control Zone:	ADVISED CUSTOMER TO AVOID CONTACT WITH IMPACTED AREA/LEFT TEMPORARY SIGNS ON SITE.
Impact:	SEWAGE DISCHARGING FROM MANHOLE.
Repair:	REPAIRED PUMPS AT STATION.
Public Notification:	ADVISED CUSTOMER ON SITE.

Notifications:

7/24/26 1:00 PM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
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IMSAST0004
Overflow Report
7/1/2026 12:00:00 AM to 7/31/2026 12:00:00 AM

KPDES #	Facility ID	Water Quality Treatment Center	Receiving Stream of Discharge	Region
KY0102784	WQTCFF	FLOYDS FORK WQTC	FLOYDS FORK	JEFFERSON

Facility Type	Facility ID	Facility Address	Receiving Stream	Discharge To
Sewer Manhole	85054	14102 OVERLANDER CT		

Activity Code / Description	WO #	Ref #	Initiated on	Initiated By	Assigned To	Dish Status	Event Date	Problem Desc	Result	Completed	Condition
DISREV:RAIN EVENT DISCHARGE	4124835		7/10/2026 11:30:00 AM	GIBSON		REPAIRED - ISSUE RESOLVED	7/10/2026 12:00:00 AM	OBSTRUCTION-NOT GREASE / ROOTS	UNAUTHORIZED DISCHARGE- WATERS	07/10/26 01:00 PM	MAIN

Discharge Reporting:

Discharge Amount:	10 GAL
Cause:	OBSTRUCTION IN MAIN SEWER.
Clean Up:	MSD PERSONNEL CLEANED AND SANITIZED THE IMPACTED AREA DISCLN 4124842.
Control Zone:	MSD PERSONNEL ADVISED THE CUSTOMER TO AVOID CONTACT WITH SEWAGE.
Impact:	SEWAGE/WATER DISCHARGING FROM MANHOLE.
Repair:	FLUSHED THE OBSTRUCTION / DEBRIS FROM THE SEWER 4124838.
Public Notification:	ADVISED CUSTOMER ON SITE.

Notifications:

7/11/26 1:00 AM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
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IMSAST0004
Overflow Report
7/1/2026 12:00:00 AM to 7/31/2026 12:00:00 AM

KPDES #	Facility ID	Water Quality Treatment Center	Receiving Stream of Discharge	Region
KY0034801	WQTCBH	BULLITT HILLS WQTC	TANYARD BRANCH	BULLITT

Facility Type	Facility ID	Facility Address	Receiving Stream	Discharge To
Sewer Main	SSPSBH-GROK	203 DEEP CREEK DR	TANYARD BRANCH	DITCH

Activity Code / Description	WO #	Ref #	Initiated on	Initiated By	Assigned To	Dish Status	Event Date	Problem Desc	Result	Completed	Condition
DISDW: DRY WEATHER DISCHARGE	4132917		7/23/2026 7:05:00 PM	MILES	MILES	REPAIRED - ISSUE RESOLVED	7/23/2026 12:00:00 AM	STRUCTURAL FAILURE	UNAUTHORIZED DISCHARGE- WATERS	07/24/26 02:00 AM	

Discharge Reporting:

Discharge Amount:	24,900 GAL
Cause:	STRUCTURAL FAILURE (FORCE MAIN 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 IN THE DITCH.
Repair:	HAULED SEWAGE UNTIL POWER COULD BE RESTORED AND/OR REPAIRS MADE.
Public Notification:	PLACED TEMPORARY SIGNS AROUND THE IMPACTED AREA.

Notifications:

7/24/26 1:00 AM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
7/24/26 1:00 AM	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION



IMSAST0004
Overflow Report
7/1/2026 12:00:00 AM to 7/31/2026 12:00:00 AM

KPDES #	Facility ID	Water Quality Treatment Center	Receiving Stream of Discharge	Region
KY0022420	WQTCHC	HITE CREEK WQTC	HITE CREEK	JEFFERSON

Facility Type	Facility ID	Facility Address	Receiving Stream	Discharge To
Sewer Lift Station	SSPSHC-BRCR	5000 CHAMBERLAIN LN	WOLF PEN BRANCH	STREAM

Activity Code / Description	WO #	Ref #	Initiated on	Initiated By	Assigned To	Dish Status	Event Date	Problem Desc	Result	Completed	Condition
DISDW: DRY WEATHER DISCHARGE	4124064		7/7/2026 11:56:00 PM	BROADEN	BROADEN	REPAIRED - ISSUE RESOLVED	7/8/2026 12:00:00 AM	ELECTRICAL PROBLEMS AT MSD	UNAUTHORIZED DISCHARGE- WATERS	07/08/26 12:28 AM	

Discharge Reporting:

Discharge Amount:	1,200 GAL
Cause:	ELECTRICAL PROBLEM WITH MSD EQUIPMENT (PUMP FAILURE).
Clean Up:	DISCLN 4124067.
Control Zone:	PLACED TEMPORARY SIGNS AROUND THE IMPACTED AREA.
Impact:	SEWAGE/DEBRIS/SOLIDS/PERSONAL HYGIENE PRODUCTS FOUND AROUND WET WELL.
Repair:	REPAIRED THE MOTOR.
Public Notification:	PLACED TEMPORARY SIGNS AROUND THE IMPACTED AREA.

Notifications:

7/8/26 1:00 AM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
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IMSAST0004
Overflow Report
7/1/2026 12:00:00 AM to 7/31/2026 12:00:00 AM

KPDES #	Facility ID	Water Quality Treatment Center			Receiving Stream of Discharge		Region				
KY0022420	WQTCHC	HITE CREEK WQTC			HITE CREEK		JEFFERSON				
Facility Type	Facility ID	Facility Address				Receiving Stream			Discharge To		
Sewer Lift Station	SSPSHC-BRCR	5000 CHAMBERLAIN LN				WOLF PEN BRANCH			STREAM		
Activity Code / Description	WO #	Ref #	Initiated on	Initiated By	Assigned To	Dish Status	Event Date	Problem Desc	Result	Completed	Condition
DISDW: DRY WEATHER DISCHARGE	4124082		7/8/2026 7:23:00 AM	SANTEE	SANTEE	REPAIRED - ISSUE RESOLVED	7/8/2026 12:00:00 AM	MECHANICAL FAILURE	UNAUTHORIZED DISCHARGE- WATERS	07/08/26 01:25 PM	

Discharge Reporting:

Discharge Amount:	9,050 GAL
Cause:	MECHANICAL FAILURE (ASSET PUMP FAILURE).
Clean Up:	MSD PERSONNEL CLEANED AND SANITIZED THE IMPACTED AREA DISCLN 4124067.
Control Zone:	PLACED TEMPORARY SIGNS AROUND THE IMPACTED AREA.
Impact:	SEWAGE/DEBRIS/SOLIDS/PERSONAL HYGIENE PRODUCTS FOUND AROUND WET WELL.
Repair:	REBUILD PUMP STATION.
Public Notification:	PLACED TEMPORARY SIGNS AROUND THE IMPACTED AREA.

Notifications:

7/8/26 1:00 PM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
7/8/26 1:00 PM	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION



IMSAST0004
Overflow Report
7/1/2026 12:00:00 AM to 7/31/2026 12:00:00 AM

KPDES #	Facility ID	Water Quality Treatment Center		Receiving Stream of Discharge		Region					
KY0106143	WQTCOR	OHIO RIVER WQTC		OHIO RIVER		OLDHAM					
Facility Type	Facility ID	Facility Address				Receiving Stream			Discharge To		
Sewer Lift Station	SSPSOR-CRCT	3210 CROSSHILL CT				POND CREEK			GROUND		
Activity Code / Description	WO #	Ref #	Initiated on	Initiated By	Assigned To	Dish Status	Event Date	Problem Desc	Result	Completed	Condition
DISDW:DRY WEATHER DISCHARGE	4123935		7/7/2026 9:00:00 AM	SANTEE	SANTEE	REPAIRED - ISSUE RESOLVED	7/7/2026 12:00:00 AM	STRUCTURAL FAILURE	UNAUTHORIZED DISCHARGE-WATERS	07/07/26 01:05 PM	

Discharge Reporting:

Discharge Amount:	24,300 GAL
Cause:	STRUCTURAL FAILURE (8" FORCEMAIN BREAK).
Clean Up:	CLEANED AND SANITIZED THE IMPACTED AREA.
Control Zone:	REPAIRED THE FORCEMAIN.
Impact:	SEWAGE FOUND IN THE STREAM.
Repair:	PLACED TEMPORARY SIGNS AROUND THE IMPACTED AREA.
Public Notification:	ADVISED ALL POSSIBLE IMPACTED PROPERTIES IN THE SURROUNDING AREA.

Notifications:

7/7/26 1:00 PM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
7/7/26 1:00 PM	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION

KPDES #	Facility ID	Water Quality Treatment Center			Recieving Steam of Discharge		Region				
KY0078956	WQTC DG	DEREK R. GUTHRIE WQTC			OHIO RIVER		JEFFERSON				
Facility Type	Facility ID	Facility Address				Recieving Stream		Discharge To			
Sewer Lift Station	SSPSWB-MATL	3955 E BLUE LICK RD				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	4132492		7/21/2026 7:12:00 PM	MILES	MILES	DOCUMENTED	7/21/2026 12:00:00 AM	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE- WATERS	07/22/26 03:15 PM	

Discharge Reporting:

Discharge Amount:	2,800 GAL
Cause:	LACK OF SYSTEM CAPACITY.
Clean Up:	NO CLEAN UP PERFORMED – PIPES DISCHARGE UNDERWATER, DIRECTLY INTO STREAM.
Control Zone:	PLACED TEMPORARY SIGNS AROUND THE IMPACTED AREA.
Impact:	NONE OBSERVED BY MSD PERSONNEL.
Repair:	INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD.
Public Notification:	PLACED TEMPORARY SIGNS AROUND THE IMPACTED AREA.

Notifications:

7/22/26 1:00 AM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
7/22/26 1:00 AM	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION



IMSAST0004
Overflow Report
7/1/2026 12:00:00 AM to 7/31/2026 12:00:00 AM

KPDES #	Facility ID	Water Quality Treatment Center	Receiving Stream of Discharge	Region
KY0034177	WQTC3	HILLVIEW #3 WQTC	BROOKS RUN	BULLITT

Facility Type	Facility ID	Facility Address	Receiving Stream	Discharge To
Sewer Treatment Plant	WQTC3	126 WESTERN RD	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	4125730		7/11/2026 11:30:00 AM	SMITHER	SMITHER	REPAIRED - ISSUE RESOLVED	7/11/2026 12:00:00 AM	ELECTRICAL PROBLEMS AT MSD	UNAUTHORIZED DISCHARGE- WATERS	07/11/26 01:57 PM	

Discharge Reporting:

Discharge Amount:	1,000 GAL
Cause:	ELECTRICAL PROBLEM WITH MSD EQUIPMENT/ASSET (UV SYSTEM BREAKER IS TRIPPING).
Clean Up:	CLEANUP NOT POSSIBLE DUE TO BEING DISCHARGED TO THE CREEK.
Control Zone:	SIGN AT DISCHARGE LOCATION.
Impact:	NONE.
Repair:	ADDED TABLETS TO PLANT DISCHARGE FOR DISINFECTION, ELECTRICIAN WORKING ON REPAIR.
Public Notification:	SIGN AT DISCHARGE LOCATION.

Notifications:

7/11/26 1:00 PM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
7/11/26 1:00 PM	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION

Name of Sewage Treatment Plant: West County WTP County Jefferson Month of: July 2026
KPDES Permit Number: KY0078956 Plant Capacity: 30 MGD Receiving Stream: Ohio River

Date	Total Flow (MG)	Raw Sewage		pH		Settleable Solids (mL/L)			Dissolved Oxygen (mg/L)			Suspended Solids (mg/L)			Total Solids (mg/L)			5-day BOD (mg/L)			Activated Sludge			Aeration Basin							Dig Sludge	Final				
		Grit Removed (cu. ft.)	Screenings (cu. ft.)	Raw	Final	Raw	Primary (or Sec.)	Final	Stream Above	Final	Stream Below	Raw	Primary (or Sec.)	Final	Raw	Primary (or Sec.)	Final	Raw	Primary (or Sec.)	Final	Return		WAS	Dissolved Oxygen (mg/L) #1	Dissolved Oxygen (mg/L) #2	MLSS (mg/L) X1000 #1	MLVSS (mg/L) X1000 #1	30 min. Settle.	SVI	% Solids	Phosphorus (mg/L) Inf	Phosphorus (mg/L) Eff	Chlorine Residual (mg/L)	NH3-N (mg/L)	E. Coli MPN	
																					Million Gal/Day	MLSS mg/L X 1000														Gal/Day X 1000
1	85.1761			7.3	7.2				7.6			262		10				189		13		6540				1650	1280	110.0	0.07				0.02	2.30	2	
2	75.3385			7.5	7.3				7.5			372		11				211		14		7180				1590	1240	120.0	0.08		5.47	0.71	0.02	3.20	295	
3	61.9872			7.3	7.4				7.3			272		7				186		7		6180				2060	1600	140.0	0.07				0.02	4.10	2	
4	52.6957			7.4	7.4				7.4			372		8				226		9		5260				2300	1810	150.0	0.07				0.02	4.10	2	
5	51.0002			7.3	7.1				7.5			340		5				229		10		6460				1870	1490	120.0	0.06				0.02	3.80	2	
6	56.1551			7.4	7.2				7.5			700		6				273		13		6200				2160	1710	140.0	0.06				0.02	4.00	2	
7	71.4051			7.2	7.1				7.4			508		8				242		15		5560				2390	1990	110.0	0.05				0.02	3.20	2	
8	56.3817			7.3	7.1				7.4			452		5				256		10		5560				2180	1720	130.0	0.06				0.02	1.90	2	
9	55.4579			7.2	7.1				7.4			896		8				454		11		5100				2060	1630	110.0	0.05		2.77	1.32	0.02	2.90	2	
10	#####			7.2	7.3				7.4			496		9				312		15		6060				1450	1150	80.0	0.06				0.02	4.10	2	
11	#####			7.3	7.2				7.4			424		8				212		13		7980				1500	1180	80.0	0.05				0.02	2.60	2	
12	#####			7.3	7.2				7.4			272		7				128		7		5800				1980	1560	100.0	0.05				0.02	0.63	4	
13	92.3264			7.3	7.3				7.4			220		10				123		12		5180				1550	1170	60.0	0.04				0.02	2.10	2	
14	74.6572			7.1	7.2				7.4			204		5				102		9		5480				1950	1530	100.0	0.05				0.02	1.80	2	
15	62.2406			7.3	7.3				7.4			484		10				268		18		5260				2130	1710	100.0	0.05				0.02	2.60	2	
16	59.6122			7.3	7.3				7.4			460		11				229		19		4860				2080	1610	90.0	0.04		6.28	1.21	0.02	3.60	9	
17	50.4977			7.4	7.3				7.4			528		9				303		12		4820				1880	1470	100.0	0.05				0.02	3.60	2	
18	40.1357			7.4	7.3				7.4			480		9				318		10		3660				2110	1680	100.0	0.05				0.02	2.90	2	
19	37.6568			7.3	7.4				6.8			556		10				351		11		4740				1800	1420	85.0	0.05				0.02	2.70	2	
20	32.7305			7.3	7.4				6.8			512		12				347		16		2680				1260	1040	50.0	0.04				0.02	2.30	2	
21	51.2871			7.0	7.3				7.0			752		14				394		22		2540				1400	1200	70.0	0.05				0.02	4.60	2	
22	82.5782			7.2	7.1				6.8			572		8				193		22		4140				1820	1530	90.0	0.05				0.02	5.30	2	
23	59.0039			7.3	7.0				7.0			664		11				371		14		4700				2020	1580	110.0	0.05		2.04	0.54	0.02	3.20	2	
24	52.6284			7.3	7.4				7.1			508		10				307		10		5900				2530	1990	140.0	0.06				0.02	3.90	2	
25	49.4018			7.3	7.3				7.1			600		12				329		11		3620				1810	1450	90.0	0.05				0.02	3.90	2	
26	50.2264			7.3	7.3				7.0			740		11				418		11		5140				2210	1750	120.0	0.05				0.02	4.40	2	
27	49.2995			7.3	7.2				7.1			753		11				443		11		4800				2370	1880	140.0	0.06				0.02	4.50	2	
28	47.0146			7.2	7.3				7.0			440		7				206		11		4780				2020	1640	100.0	0.05				0.02	3.50	2	
29	44.3446			7.3	7.3				7.0			616		9				262		15		4720				2220	1790	110.0	0.05				0.02	4.00	2	
30	44.1318			7.3	7.3				7.1			392		15				308		16		4980				2620	2150	110.0	0.04				0.02	4.90	2	
31	42.8444			7.3	7.3				7.1			492		16				368		18		5100				2560	2080	115.0	0.04				0.02	4.80	7	
Total	#####	0	0																		0.0		0.0													
Avg.	62.36			7.3	7.3				7.2			495		9				276		13		5192.9				1985	1581.61	105.48	0		4.14	0.94	0.02	3.40	3	

Total Number of Sewer Connections: 0 Industrial Waste Population Equivalent Operator
Residential Connections: Cert. #
Commercial Connections: 593929 Flow 844602 BOD 1225480 TSS
Industrial Connections: Phone #
Sewer Connections X 4 = 0

NAME OF SEWAGE TREATMENT PLANT WEST COUNTY WTP

Month of: July 2026
Average Flow 62.36 MGD

Weather Data				Remarks
Date	High	Low	Rainfall	
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				
21				
22				
23				
24				
25				
26				
27				
28				
29				
30				
31				
Total			0	
Avg.				

Date	Total Flow (MG) Unit	Raw Sewage		pH		Settleable Solids (mL/L)			Dissolved Oxygen (mg/L)		Suspended Solids (mg/L)		Total Solids (mg/L)			5-day BOD (mg/L)			Activated Sludge			Aeration Basin										Phosphorus mg/L		Final	Final	Final	Total mg/L		Cr +6 mg/L	
		Raw	Screenings (cu. ft.)	Raw	Final	Raw	Primary (or Sec.)	Final	Stream Above	Final	Stream Below	Raw	Primary (or Sec.)	Final	Raw	Primary (or Sec.)	Final	Raw	Primary (or Sec.)	Final	Gal/Day	MLSS mg/L X 1000	Gal/Day X 1000	Dissolved Oxygen (mg/L) #1	Dissolved Oxygen (mg/L) #2	Influent (mg/L) X1000 #1	MLVSS (mg/L) X1000	30 min. SVI	60 min. SVI	% Solids	Raw	Final	Chlorine Residual (mg/L)	NH3-N (mg/L)	E. Coli (MPN)	Raw	Final			
																																								Return
1	85.18			7.3	7.2				7.6		262.0		10.0				189.0		13.0								1650	1280	110					0.016	2.30	2				
2	75.34			7.5	7.3				7.5		372.0		11.0				211.0		14.0			7180					1590	1240	120		5.47	0.71	0.016	3.20	295	22				
3	61.99			7.3	7.4				7.3		272.0		7.0				186.0		7.0			6180					2060	1600	140				0.016	4.10	2					
4	52.70			7.4	7.4				7.4		372.0		8.0				226.0		9.0			5260					2300	1810	150				0.016	4.10	2					
5	51.00			7.3	7.1				7.5		340.0		5.0				229.0		10.0			6460					1870	1490	120				0.016	3.80	2					
6	56.16			7.4	7.2				7.5		700.0		6.0				273.0		13.0			6200					2160	1710	140				0.016	4.00	2					
7	71.41			7.2	7.1				7.4		508.0		8.0				242.0		15.0			5560					2390	1990	110				0.016	3.20	2					
8	56.38			7.3	7.1				7.4		452.0		5.0				256.0		10.0			5560					2180	1720	130				0.016	1.90	2					
9	55.46			7.2	7.1				7.4		896.0		8.0				454.0		11.0			5100					2060	1630	110		2.77	1.32	0.016	2.90	2	25				
10	102.39			7.2	7.3				7.4		496.0		9.0				312.0		15.0			6060					1450	1150	80				0.016	4.10	2					
11	127.20			7.3	7.2				7.4		424.0		8.0				212.0		13.0			7980					1500	1180	80				0.016	2.60	2					
12	115.45			7.3	7.2				7.4		272.0		7.0				128.0		7.0			5800					1980	1560	100				0.016	0.63	4					
13	92.33			7.3	7.3				7.4		220.0		10.0				123.0		12.0			5180					1550	1170	60				0.016	2.10	2					
14	74.66			7.1	7.2				7.4		204.0		5.0				102.0		9.0			5480					1950	1530	100				0.016	1.80	2					
15	62.24																																							

Operator	Dontay Mason
Cert. #	84838
Phone #	502-540-6000