



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

June 24, 2026

Crystal Dennis
300 Sower Boulevard, 3rd Floor
Frankfort, KY 40601

RE: Floyds Fork WQTC, KPDES No. KY0102784
Discharge Monitoring Report – May 2026

Dear Ms. Dennis:

Attached are the Discharge Monitoring Report (DMR) and Monthly Operator Report (MOR) for Floyds Fork WQTC for the month of May 2026.

There were no overflows, bypasses, or permit exceedances during the reporting period.

If you have any questions regarding the attached DMRs, please contact me at (502) 540-6000.

Sincerely,

A handwritten signature in black ink, appearing to read 'Curt Otto', written over a light gray circular background.

Curt Otto
Process Supervisor

CO/Floyds Fork 5/26

cc: V. Graves, 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.

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:

KY0102784
Yes

Permittee:
Permittee Address:

Floyds Fork WQTC MSD
700 W Liberty St
Louisville, KY 40203

Facility:
Facility Location:

FLOYDS FORK WQTC MSD
1100 BLUE HERON RD
LOUISVILLE, KY 40245

Permitted Feature:

001
External Outfall

Discharge:

001-1
MUNICIPAL DISCHARGE

Report Dates & Status

Monitoring Period:

From 05/01/26 to 05/31/26

DMR Due Date:

06/28/26

Status:

NetDMR Validated

Considerations for Form Completion

Principal Executive Officer

First Name:
Last Name:

James
Parrott

Title:

Executive Director

Telephone:

502-540-6000

No Data Indicator (NODI)

Form NODI:

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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						=	10.0					19 - mg/L	0	01/07 - Weekly	GR - Grab
					Permit Req.						>=	7.0 INST MIN					19 - mg/L			
					Value NODI															
00400	pH	1 - Effluent Gross	0	--	Sample						=	7.7			=	8.0	12 - SU	0	01/07 - Weekly	GR - Grab
					Permit Req.						>=	6.0 MINIMUM			<=	9.0 MAXIMUM	12 - SU			
					Value NODI															
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample	=	140.0	=	254.0	26 - lb/d			=	3.0	=	3.0	19 - mg/L	0	01/07 - Weekly	CP - Composite
					Permit Req.	<=	1626.0 MO AVG	<=	2439.0 MX WK AV	26 - lb/d			<=	30.0 MO AVG	<=	45.0 MX WK AV	19 - mg/L			
					Value NODI															
00530	Solids, total suspended	G - Raw Sewage Influent	0	--	Sample								=	525.0	=	788.0	19 - mg/L	0	01/07 - Weekly	CP - Composite
					Permit Req.									Req Mon MO AVG		Req Mon MX WK AV	19 - mg/L			
					Value NODI															
00600	Nitrogen, total [as N]	1 - Effluent Gross	0	--	Sample								=	6.0	=	8.0	19 - mg/L	0	01/07 - Weekly	CP - Composite
					Permit Req.									Req Mon MO AVG		Req Mon MX WK AV	19 - mg/L			
					Value NODI															
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	1	--	Sample	=	11.6	=	21.2	26 - lb/d			=	0.3	=	0.3	19 - mg/L	0	01/07 - Weekly	CP - Composite
					Permit Req.	<=	54.2 MO AVG	<=	81.3 MX WK AV	26 - lb/d			<=	1.0 MO AVG	<=	1.5 MX WK AV	19 - mg/L			
					Value NODI															
00665	Phosphorus, total [as P]	1 - Effluent Gross	0	--	Sample	=	12.0	=	16.7	26 - lb/d			=	0.3	=	0.4	19 - mg/L	0	01/07 - Weekly	24 - 24 Hour Composite
					Permit Req.	<=	27.1 MO AVG	<=	40.7 MX WK AV	26 - lb/d			<=	0.5 MO AVG	<=	0.75 MX WK AV	19 - mg/L			
					Value NODI															
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	5.394	=	14.903	03 - MGD								0	99/99 - Continuous	CN - Continuous
					Permit Req.		Req Mon MO AVG		Req Mon MX WK AV	03 - MGD										
					Value NODI															
50050	Flow, in conduit or thru treatment plant	G - Raw Sewage Influent	0	--	Sample	=	4.717	=	13.343	03 - MGD								0	99/99 - Continuous	CN - Continuous
					Permit Req.		Req Mon MO AVG		Req Mon MX WK AV	03 - MGD										
					Value NODI															
51040	E. coli	1 - Effluent Gross	0	--	Sample								=	3.0	=	21.0	13 - #/100mL	0	01/07 - Weekly	GR - Grab
					Permit Req.								<=	130.0 30DA GEO	<=	240.0 7 DA GEO	13 - #/100mL			

					Value NODI														
80082	BOD, carbonaceous [5 day, 20 C]	1 - Effluent Gross	0	--	Sample	=	140.0	=	254.0	26 - lb/d		=	3.0	=	3.0	19 - mg/L	0	01/07 - Weekly	CP - Composite
					Permit Req.	<=	325.0 MO AVG	<=	488.0 MX WK AV	26 - lb/d		<=	6.0 MO AVG	<=	9.0 MX WK AV	19 - mg/L		01/07 - Weekly	24 - 24 Hour Composite
					Value NODI														
80082	BOD, carbonaceous [5 day, 20 C]	G - Raw Sewage Influent	0	--	Sample							=	231.0	=	390.0	19 - mg/L	0	01/07 - Weekly	CP - Composite
					Permit Req.								Req Mon MO AVG		Req Mon MX WK AV	19 - mg/L		01/07 - Weekly	24 - 24 Hour Composite
					Value NODI														
80091	BOD, carb-5 day, 20 deg C, percent removal	K - Percent Removal	0	--	Sample					=	99.0					23 - %	0	01/30 - Monthly	CA - Calculated
					Permit Req.					>=	85.0 MO AV MN					23 - %		01/30 - Monthly	CA - Calculated
					Value NODI														
81011	Solids, suspended percent removal	K - Percent Removal	0	--	Sample					=	99.0					23 - %	0	01/30 - Monthly	CA - Calculated
					Permit Req.					>=	85.0 MO AV MN					23 - %		01/30 - Monthly	CA - Calculated
					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
FFMOR052026.pdf	pdf	75617.0
CLFFMay26.pdf	pdf	35219.0

Report Last Saved By

Floyds Fork WQTC MSD

User: CURT.OTTO@LOUISVILLEMSD.ORG

Name: Curt Otto

E-Mail: curt.otto@louisvillemSD.org

Date/Time: 2026-06-25 10:41 (Time Zone: -04:00)

Report Last Signed By

User: CURT.OTTO@LOUISVILLEMSD.ORG

Name: Curt Otto

E-Mail: curt.otto@louisvillemSD.org

Date/Time: 2026-06-25 10:42 (Time Zone: -04:00)

NAME OF TREATMENT PLANT FLOYDS FORK COUNTY JEFFERSON MONTH OF: May 2026
 KPDES PERMIT NUMBER KY0102784 PLANT CAPACITY 3.5 MGD RECEIVING STREAM FLOYDS FORK

DATE	TOTAL FLOW (MILLION GALLONS)	RAW SEWAGE		pH		SETTLEABLE SOLIDS (mg/L)			DISSOLVED OXYGEN (mg/L)			SUSPENDED SOLIDS (mg/L)			5 DAY CBOD (mg/L)			ACTIVATED SLUDGE			AERATION BASIN						SLUDGE HANDLING								FINAL			Total Nitrogen	TOTAL FLOW (MILLION GALLONS)
		GRIT REMOVED (CUBIC FEET)	SCREENINGS (CUBIC FEET)	RAW	FINAL	RAW	PRIMARY EFFLUENT	FINAL EFFLUENT	STREAM ABOVE	FINAL EFFLUENT	STREAM BELOW	RAW	PRIMARY EFFLUENT	FINAL EFFLUENT	RAW	PRIMARY EFFLUENT	FINAL EFFLUENT	RETURN		WASTED GAL/DAY	DISSOLVED OXYGEN (mg/L)	MLSS (mg/L) x 1000	MLVSS (mg/L) x 1000	SETTLED SLUDGE VOLUME		RAW			HAULED			PHOSPHORUS, TOTAL (mg/L)	NH3-N (mg/L)	ECOLI					
																		MGD/DAY	MLSS					30 MIN.	60 MIN.	GALLONS x 1000	% DRY SOLIDS	% VOLATILE SOLIDS	% DRY SOLIDS	% VOLATILE SOLIDS	WITHDRAWN GALLONS x 1000								
1	5.417			7.1														4.22	4810	120000	6	3510	3110	630							81900								4.305
2	4.641																	3.72		80000	6.5				700							0							3.843
3	4.236																	3.63		80000	5.8				740							0							3.755
4	4.490			7.4	7.8					10.4		788		3	187		3	2.73	5700	120000	6.3	3910	3330	670								81900	0.45	0.30	1	6.48			3.675
5	4.287			7.4														1.85	5660	180000	6.1	3620	2980	590								94500							3.521
6	5.746			7.4														2.23	6520	180000	5.9	3230	2550	630								69300							5.519
7	4.932			7.1														2.2	5810	150000	6	4500	3910	590								81900							4.259
8	3.847			7.1														1.95	4750	150000	6.2	3160	2720	590								81900							3.715
9	3.923																	1.91		100000	6.5				570							0							3.513
10	3.863																	2.01		100000	5.9				640							0							3.431
11	4.027			7.4	7.7					10.3		588		3	390		3	2.05	5610	100000	5.9	3470	2950	550								81900	0.30	0.30	21	8.07			3.322
12	3.909			7.5														2.16	6300	100000	5.8	3680	2900	480								81900							3.167
13	3.772			7.2														2.28	5300	80000	5.8	3850	2820	570								81900							3.235
14	3.677			7.2														2.34	5030	100000	5.6	3570	2880	590								81900							3.103
15	3.540			7.1														2.29	5090	100000	5.9	3700	3120	670								81900							2.998
16	3.609																	2.31		100000	6.1				650							0							3.043
17	3.855																	2.35		80000	5.8				730							0							3.325
18	3.670			7.1	8.0					10.5		453		3	239		3	1.92	5570	120000	5.7	4100	3340	740								81900		0.30	2	5.1			3.168
19	3.744			7.2														2.24	5260	130000	5.5	4030	3180	730								81900							3.204
20	4.343			7.1														1.67	7550	200000	5.9	3950	3270	650								81900							4.142
21	4.872			7.1														4.15	6730	175000	7.2	3160	2620	580								81900							4.392
22	5.555			7.0														5.75	6120	110000	6.1	3910	3100	670								81900							5.337
23	14.903																	10.06		120000					460							0							13.343
24	10.148				7.8					10.4		270		3	107		3	10.58		100000					580							0	0.15	0.30		4.05			8.908
25	8.977			7.3														10.46	5820	100000	6.8	3020	2290	480								0			1			7.87	
26	9.471			7.5														10.56	5290	135000	5.3	3450	2840	470								81900							8.312
27	9.093			7.6														10.58	5320	70000	5.6	2490	2100	320								100800							8.016918
28	6.249			7.4														10.58	5150	70000	5.5	3230	2730	470								81900							5.471172
29	5.292			7.4														9.18	5920	70000	4.7	3330	3000	550								88200							4.480287
30	4.773																	8.13		70000	4.8				600							0						4.071738	
31	4.361																	8.22		70000	4.6				650							0						3.781211	
Tot.	167.22																	146.3														1663200							146.23
Avg.	5.394			7.3	7.8					10.4		525		3	231		3	4.72	5681	111613	5.855	3565	2940	598.1								53651.6	0.30	0.30	3	5.925			4.717

RESIDENTIAL
COMMERCIAL
INDUSTRIAL

INDUSTRIAL WASTE POPULATION EQUIVALENT
51374 FLOW
61065 CBOD
112417 TSS

Gary Phelps
OPERATOR

30428
CERT. NO.

TOTAL NUMBER OF SEWER CONNECTIONS
SEWER CONNECTIONS 0 X 4 = 0 SEWERED POPULATION

502-540-6000
PLANT TELEPHONE