



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

May 21, 2026

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

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

Dear Ms. Dennis:

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

Curt Otto
Process Supervisor

CO/Floyds Fork 4/26

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 04/01/26 to 04/30/26

DMR Due Date:

05/28/26

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			=	8.1	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	=	86.0	=	91.0	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								=	653.0	=	1360.0	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								=	8.0	=	10.0	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	2	--	Sample	=	7.2	=	7.6	26 - lb/d			=	0.3	=	0.3	19 - mg/L	0	01/07 - Weekly	CP - Composite
					Permit Req.	<=	163.0 MO AVG	<=	244.0 MX WK AV	26 - lb/d			<=	3.0 MO AVG	<=	4.5 MX WK AV	19 - mg/L			
					Value NODI															
00665	Phosphorus, total [as P]	1 - Effluent Gross	0	--	Sample	=	4.9	=	7.1	26 - lb/d			=	0.2	=	0.2	19 - mg/L	0	01/07 - Weekly	CP - 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	=	4.12	=	4.801	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	=	3.674	=	4.41	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								=	1.0	=	1.0	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	=	86.0	=	91.0	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							=	266.0	=	446.0	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					=	100.0					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
FFMOR042026.pdf	pdf	128784.0
FloydsForkCL4_26.pdf	pdf	33824.0

Report Last Saved By

Floyds Fork WQTC MSD

User: CURT.OTTO@LOUISVILLEMSD.ORG

Name: Curt Otto

E-Mail: curt.otto@louisvillemSD.org

Date/Time: 2026-05-22 13:17 (Time Zone: -04:00)

Report Last Signed By

User: CURT.OTTO@LOUISVILLEMSD.ORG

Name: Curt Otto

E-Mail: curt.otto@louisvillemSD.org

Date/Time: 2026-05-22 13:28 (Time Zone: -04:00)

NAME OF TREATMENT PLANT FLOYDS FORK COUNTY JEFFERSON MONTH OF: April 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		WAST ED	DIS SOLVED OXYGEN (mg/L)	MLSS (mg/L)	MLVSS (mg/L)	SETTLED SLUDGE VOLUME		GALLONS X 1000	% DRY SOLIDS	% VOLATILE SOLIDS	% DRY SOLIDS	% VOLATILE SOLIDS	WITHDRAWN GALLONS	PHOSPHORUS, TOTAL (mg/L)	NH3-N (mg/L)	ECOLI			
																		GAL/DAY	MLSS					GAL/DAY	30 MIN.										60 MIN.		
1	3.739			7.4														2.76	5100	250000	5.8	4030	3330	690						151200				1		3.302	
2	3.656			7.6	8.1				10.0			217		3	119		3	2.76	5410	200000	5.6	3250	2720	500						113400	0.23	0.25		1	5.44	3.429	
3	4.011			7.3														3.41	4340	100000	5.7	3190	2660	500						100800						3.421	
4	4.311																	4.12		75000	5.6			700						0						3.684	
5	4.550																	2.72		25000	6.7			750						0						4.06	
6	4.036			7.2														1.49	6770	100000	6	3460	2900	750						63000						3.439	
7	3.567			7.2														1.26	5950	125000	5.4	3650	3110	680						100800						3.173	
8	3.445			7.1														1.27	5170	120000	5.9	3150	2570	650						94500						3.05	
9	3.354			7.3	7.8				11.4			812		3	320		3	1.23	5700	120000	6	3050	2440	620						107100	0.15	0.25		1	9.25	2.965	
10	3.392			7.2														1.01	5300	120000	5.7	2790	2520	650						107100						2.985	
11	3.607																	1.25		60000	5.3			640						0						3.092	
12	3.680																	1.6		60000	4.8			660						0						3.228	
13	3.623			7.2														1.71	4860	120000	5	3360	3000	680						69300						3.051	
14	3.245			7.2														1.76	4940	120000	5.9	2930	2220	460						107100						3.036	
15	3.400			7.2														1.37	6260	120000	5.8	3120	2690	580						81900						2.997	
16	3.391			7.3	7.9				10.4			1360		3	446		3	1.27	7940	120000	5.2	3160	2530	550						81900	0.15	0.25		1	10.1	3.04	
17	3.310			7.5														1.41	5130	120000	5.2	3040	2460	480						81900						2.973	
18	3.475																	1.46		80000	4.1			630						0						2.991	
19	3.535																	1.33		80000	4.6			680						0						3.133	
20	3.406			7.0														1.74	6880	120000	5.2	2850	2370	510						88200						3.03	
21	3.265			7.2														1.98	5260	120000	5.2	3220	2660	670						81900						2.952	
22	3.167			7.1														2.47	3930	100000	5.5	2830	2300	500						88200						2.918	
23	3.386			7.4	7.7				10.2			222		3	180		3	2.16	4710	100000	5.2	3070	2490	560						81900	0.15	0.09		1	8.73	2.941	
24	3.499			7.1														1.97	4940	125000	5.4	2920	2310	510						81900						2.909	
25	4.103																	2.23		120000	5.5			630						0						3.544	
26	3.851																	1.84		100000	6.6			650						0						3.315	
27	4.392			7.1														1.94	5570	170000	5.2	3290	2810	630						81900						3.946	
28	11.210			6.8														4.81	5010	70000	6.2	1940	1720	300						75600						11.3	
29	8.003			7.3														4.6	5780	160000	7.4	2970	2350	490												6.991	
30	5.979			7.5														4.61	4780	120000	7	3880	3230	600												5.328	
31																																					
Tot.	123.59																	65.54													1839600						110.22
Avg.	4.120			7.2	7.9				10.5			653		3	266		3	2.185	5442	114000	5.623	3143	2609	596.7						65700	0.17	0.21		1	8.38	3.674	

RESIDENTIAL
COMMERCIAL
INDUSTRIAL

INDUSTRIAL WASTE POPULATION EQUIVALENT
39234 FLOW 53810 CBOD 106794 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