



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

September 18, 2025

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

**RE: Floyds Fork WQTC, KPDES No: KY0102784
Discharge Monitoring Report for August 2025.**

Dear Mrs. Dennis:

Attached are the Discharge Monitoring Report (DMR) and the Monthly Operator Report (MOR) for the Floyds Fork WQTC, for the month of August 2025.

There were no exceedances, discharges or bypasses to report.

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

Sincerely,



Jon Baldrige
Process Supervisor

JOB/ Floyds Fork. 8/25.

Enclosures

Cc: V. Graves
B. Tinnell

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Permit																					
Permit #:		KY0102784			Permittee:		Floyds Fork WQTC MSD					Facility:		FLOYDS FORK WQTC MSD							
Major:		Yes			Permittee Address:		700 W Liberty St Louisville, KY 40203					Facility Location:		1100 BLUE HERON RD LOUISVILLE, KY 40245							
Permitted Feature:		001 External Outfall			Discharge:		001-1 MUNICIPAL DISCHARGE														
Report Dates & Status																					
Monitoring Period:		From 08/01/25 to 08/31/25			DMR Due Date:		09/28/25					Status:		NetDMR Validated							
Considerations for Form Completion																					
Principal Executive Officer																					
First Name:		James A.			Title:		Executive Director					Telephone:		502-540-6000							
Last Name:		Parrott																			
No Data Indicator (NODI)																					
Form NODI:		--																			
Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading					Quality or Concentration					# of Ex.	Frequency of Analysis	Sample Type				
					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	=	9.0					=	9.0				19 - mg/L	0	01/07 - Weekly	GR - Grab	
					Permit Req.		>=	7.0 INST MIN								19 - mg/L	01/07 - Weekly		GR - Grab		
					Value NODI																
00400	pH	1 - Effluent Gross	0	--	Sample	=	8.4					=	8.8			12 - SU	0	01/07 - Weekly	GR - Grab		
					Permit Req.		>=	6.0 MINIMUM							<=	9.0 MAXIMUM		12 - SU	01/07 - Weekly	GR - Grab	
					Value NODI																
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample	=	79.0	=	90.0	26 - lb/d		=	3.0	=	4.0	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		01/07 - Weekly	24 - 24 Hour Composite		
					Value NODI																
00530	Solids, total suspended	G - Raw Sewage Influent	0	--	Sample							=	652.0	=	792.0	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																
00600	Nitrogen, total [as N]	1 - Effluent Gross	0	--	Sample							=	13.0	=	15.0	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																
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	1	--	Sample	=	6.1	=	6.8	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		01/07 - Weekly	24 - 24 Hour Composite		
					Value NODI																
00665	Phosphorus, total [as P]	1 - Effluent Gross	0	--	Sample	=	9.6	=	15.1	26 - lb/d		=	0.4	=	0.6	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		01/07 - Weekly	24 - 24 Hour Composite		
					Value NODI																
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	3.067	=	3.297	03 - MGD							0	99/99 - Continuous	CN - Continuous		
					Permit Req.		Req Mon MO AVG		Req Mon MX WK AV	03 - MGD								99/99 - Continuous	RE - Record (manual)		
					Value NODI																
50050	Flow, in conduit or thru treatment plant	G - Raw Sewage Influent	0	--	Sample	=	2.873	=	3.139	03 - MGD							0	99/99 - Continuous	CN - Continuous		
					Permit Req.		Req Mon MO AVG		Req Mon MX WK AV	03 - MGD								99/99 - Continuous	RE - Record (manual)		
					Value NODI																
51040	E. coli	1 - Effluent Gross	0	--	Sample							=	23.0	=	123.0	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	=	80.0	=	102.0	26 - lb/d	=	3.0	=	4.0	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						=	314.0	=	412.0	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
FFMOR082025.pdf	pdf	128165.0
Floydsforkcover.pdf	pdf	33096.0

Report Last Saved By

Floyds Fork WQTC MSD

User: kevin.thompson@louisvillemsd.org
 Name: Kevin Thompson
 E-Mail: kevin.thompson@louisvillemsd.org
 Date/Time: 2025-09-19 05:41 (Time Zone: -04:00)

Report Last Signed By

User: JON.BALDRIDGE@LOUISVILLEMSD.ORG
 Name: Jonathan Baldrige
 E-Mail: jon.baldrige@louisvillemsd.org
 Date/Time: 2025-09-22 07:12 (Time Zone: -04:00)

NAME OF TREATMENT PLANT FLOYDS FORK COUNTY JEFFERSON MONTH OF: August 2025
 KPDES PERMIT NUMBER KY0102784 PLANT CAPACITY 3.5 MGD RECEIVING STREAM FLOYDS FORK

DATE	TOTAL FLOW (MILLION GALLONS)	RAW SEWAGE		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	GAL/DAY X 1000	MLSS X 1000	GAL/DAY X 1000	WASTE P	DISSOLVED OXYGEN (mg/L)	MLSS (mg/L) X 1000	MLVSS (mg/L) X 1000	SETTLED SLUDGE VOLUME		RAW		HAULED		WITHDRAWN GALLONS X 1000			PHOSPHORUS, TOTAL (mg/L)	NH3-N (mg/L)	ECOLI			
																									30 MIN.	60 MIN.	GALLONS X 1000	% DRY SOLIDS	% VOLATILE SOLIDS	% DRY SOLIDS							% VOLATILE SOLIDS		
1	3.190			7.5													2	4880	####		5.1	3190	2400	420								88200						2.853512	
2	3.200																2.07		####		5.2			400									0					2.855151	
3	3.323																2.08		####		4.7			470									0					2.895326	
4	3.250			7.4	8.4					8.9			627		3	294		3	1.39	4940	####	4.9	3260	2500	430							88200	0.56	0.25	6	12.4		2.811894	
5	3.601			7.4													0.59	5150	####	3.9	2920	2220	420								75600						2.815636		
6	3.411			7.6													0.58	5780	####	4.2	2870	2220	330								88200						2.910622		
7	3.105			7.5													2.1	5460	####	3.9	3000	2300	350								88200						2.745188		
8	2.981			7.6													2.69	6300	####	3.7	3060	2350	360								88200						2.660706		
9	3.064																2		####	2.9				370								0						2.746585	
10	3.108																2		####	2.9				400								0						2.848588	
11	3.050			7.7	8.8					8.8			514		3	230		4	1.5	5970	####	4.6	2960	2410	390						88200	0.09	0.25	28	14.5		2.69677		
12	2.968			7.8													0.66	5580	####	5.6	2970	2290	390								119700						2.919907		
13	4.143			7.5													0.87	####	####	4.2	2760	2170	320								88200						3.878343		
14	3.041			7.9													0.78	6840	####	7	2960	2310	380								119700						2.972321		
15	2.774			7.7													0.82	7220	####	6.8	2850	2230	380								119700						2.750465		
16	2.730																0.81		####	6.4				400								0						2.743634	
17	2.872																0.81		####	5.2				380								0						2.82957	
18	2.785			7.7	8.6					9.9			792		3	318		3	0.81	6000	####	5.8	3180	2540	400						113400	0.34	0.25	13	14.7		2.73811		
19	3.143			7.6													0.95	5700	####	5.8	3090	2390	400								88200						3.301828		
20	4.391			7.5													1.46	8640	####	6.4	2920	2300	350								88200						4.43393		
21	3.408			7.6													1.84	4880	####	7.2	3280	2480	430								151200						3.17237		
22	2.979			7.6													1.78	4820	####	7.4	3370	2580	440								88200						2.865402		
23	2.915																1.62		####	6.8				440								0						2.836119	
24	2.955																1.52		####	6.3				420								0						2.876996	
25	2.684			7.7	8.7					9.2			674		4	412		3	1.26	3730	####	5.3	3320	2640	530						119700	0.59	0.25	123	11.3		2.692058		
26	2.695			7.6													1.34	4880	####	5.8	3260	2480	490								119700						2.625383		
27	2.604			7.6													1.48	4770	####	6.4	3070	2340	490								119700						2.580372		
28	2.824			7.5													0.99	4410	####	5.2	3060	2330	470								113400						2.514167		
29	2.858			7.6													0.73	5720	####	5.9	3010	2350	520								119700						2.585798		
30	2.505																0.72		####	5.5				520								0						2.456436	
31	2.509																0.73		####	5.6				550								0						2.460845	
Tot.	95.07																41															2173500							89.07
Avg.	3.067			7.6	8.6					9.2			652		3	314		3	1.32	5937	####	5.37	3065	2373	421						70112.9	0.39	0.25	23	13.2		2.873		

RESIDENTIAL
 COMMERCIAL
 INDUSTRIAL

INDUSTRIAL WASTE POPULATION EQUIVALENT
 29206 FLOW
 47165 CBOD
 79376 TSS

Mike Stephenson
 OPERATOR

9616
 CERT. NO.

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

(502) 540-6000
 PLANT TELEPHONE