



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

August 19, 2025

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

**RE: Floyds Fork WQTC, KPDES No: KY0102784
Discharge Monitoring Report for July 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 July 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. 7/25.

Enclosures

Cc: V. Graves
B. Tinnell

					Value NODI													
80082	BOD, carbonaceous [5 day, 20 C]	1 - Effluent Gross	0	--	Sample = 172.0	=	248.0	26 - lb/d	=	4.0	=	8.0	19 - mg/L	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	1		
					Value NODI													
80082	BOD, carbonaceous [5 day, 20 C]	G - Raw Sewage Influent	0	--	Sample				=	396.0	=	479.0	19 - mg/L	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	0		
					Value NODI													
80091	BOD, carb-5 day, 20 deg C, percent removal	K - Percent Removal	0	--	Sample			=	99.0				23 - %	01/30 - Monthly	CA - Calculated			
					Permit Req.			>=	85.0 MO AV MN				23 - %	01/30 - Monthly	CA - Calculated	0		
					Value NODI													
81011	Solids, suspended percent removal	K - Percent Removal	0	--	Sample			=	100.0				23 - %	01/30 - Monthly	CA - Calculated			
					Permit Req.			>=	85.0 MO AV MN				23 - %	01/30 - Monthly	CA - Calculated	0		
					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
FFMOR072025.pdf	pdf	128626.0
Coverletter.pdf	pdf	34250.0

Report Last Saved By

Floyds Fork WQTC MSD

User: JON.BALDRIDGE@LOUISVILLEMSD.ORG
 Name: Jonathan Baldrige
 E-Mail: jon.baldrige@louisvillemmsd.org
 Date/Time: 2025-08-19 08:46 (Time Zone: -04:00)

Report Last Signed By

User: JON.BALDRIDGE@LOUISVILLEMSD.ORG
 Name: Jonathan Baldrige
 E-Mail: jon.baldrige@louisvillemmsd.org
 Date/Time: 2025-08-19 10:55 (Time Zone: -04:00)

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

DATE	TOTAL FLOW (MILLION GALLONS)	RAW SEWAGE		pH		SETTLABLE SOLIDS (mg/L)		DISSOLVED OXYGEN (mg/L)		SUSPENDED SOLIDS (mg/L)			5 DAY CBOD (mg/L)			ACTIVATED SLUDGE			AERATION BASIN						SLUDGE HANDLING					FINAL							
		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	WAST ED	DISSOLVED OXYGEN (mg/L)	MLSS (mg/L) X 1000	MLYSS (mg/L) X 1000	30 MIN.	60 MIN.	RAW			HAULED			PHOSPHORUS, TOTAL (mg/L)	NH3-N (mg/L)	ECOLI	Total Nitrogen	TOTAL FLOW (MILLION GALLONS)
																											GALLONS X 1000	% DRY SOLIDS	% VOLATILE SOLIDS	% DRY SOLIDS	% VOLATILE SOLIDS	WITHDRAWN GALLONS X 1000					
1	3.901			7.4												2.51	4920	170000		5.3	3060	2340	700							151200	0.37	0.50	1	8.21	3.020007		
2	3.673			7.3	8.1				9.3		905		3	444	8	2.2	4780	160000		5	2590	2000	670							138600					3.020007		
3	3.488			7.5												2.23	4200	100000		2.4	3050	2430	710							113400					2.87583		
4	3.285															2.4		10000		4.5			670							0					2.744035		
5	3.240															2.67		80000		4.3			700							0					2.727073		
6	3.345															2.67		80000		3.6			650							0					2.881689		
7	3.442			7.3												2.61	4560	150000		4.1	3360	2780	720							138600					2.888778		
8	3.232			7.4												2.62	4340	160000		2.5	3080	2500	640							157500					2.78862		
9	3.248			7.3	8.9				8.2		1020		3	479	3	2.63	4470	100000		2.9	3180	2560	620							119700	0.15	0.50	1	8.33	2.814664		
10	3.183			7.3												2.43	4670	150000		2.6	3200	2570	670							144900					2.86693		
11	3.168			7.5												2.33	4520	150000		2.6	3150	2520	630							81900					2.808379		
12	3.241															2.35		100000		3.2			610							0					2.838161		
13	3.752															2.33		150000		3.4			630							0					3.188984		
14	4.853			7.5												1.27	7190	100000		3.2	3160	2650	600							44100					4.245273		
15	5.927			7.6												1	5960	100000		4.8	3110	2550	580							170100					5.28607		
16	7.855			7.9												2.467	6460	100000		5.4	2450	2000	500							170100					7.227994		
17	9.906			6.7	8.1				8.3		952		3	315	3	3.729	5520	100000		5.1	2520	1820	350							138000	0.16	0.20	108	6.88	8.915096		
18	#####			6.9												4.91	4260	100000		5.4	3220	1300	240							138000					9.103751		
19	#####															0.86		100000		6.5			300							0					10.2398		
20	8.001															4.91		100000		5.6			450							0					7.166222		
21	5.681			7.7												3.94	5050	100000		4.9	3550	2680	520							75600					4.96104		
22	5.111			7.7												3.24	5950	100000		3.9	3820	2990	560							75600					4.298193		
23	4.520			7.7	8.7				8.8		344		3	345	3	2.37	5550	120000		3.1	3840	2700	570							75600	0.70	0.50	2	8.78	3.810975		
24	3.994			7.6												1.41	6290	120000		3.4	3340	2490	500							75600					3.506076		
25	3.624			7.7												1.457	6950	80000		3.1	3460	6950	500							75600					3.311907		
26	3.590															1.227		80000		5.2			490							0					3.243467		
27	3.665															1.05		80000		4.9			460							0					3.280031		
28	3.756			7.0												0.81	6990	80000		5	3360	2470	470							75600					3.239119		
29	3.686			7.5												0.44	6410	120000		3.8	3530	2610	550							75600					3.345779		
30	3.468			7.4												1.57	6450	140000		4.1	3920	3030	480							75600					3.144922		
31	3.432			7.5												2	5150	120000		4.9	3390	2440	410							75600					3.018022		
Tot.	#####															70.64														2E+06						128.94	
Avg.	4.777			7.4	8.5				8.7		805		3	396	4	2.279	5484	109677.4194		4.152	3243	2654	553.2							76984	0.35	0.43	4	8.05	4.159		

RESIDENTIAL COMMERCIAL INDUSTRIAL 45496 INDUSTRIAL FLOW
 INDUSTRIAL WASTE POPULATION EQUIVALENT 92748 FLOW
152771 TSS
 Mike Stephenson OPERATOR
9616 CERT. NO.

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

(502)540-6000