



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

November 22, 2023

Crystal Dennis  
Permit Support Section  
Surface Water Permits Branch  
Division of Water  
300 Sower Blvd, 3rd Floor  
Frankfort, Kentucky 40601

**RE: Floyds Fork WQTC, KPDES No: KY0102784  
Discharge Monitoring Report for October 2023.**

Dear Ms. Dennis:

Attached are the Discharge Monitoring Report (DMR) and the Monthly Operating Report (MOR) for the Floyds Fork Water Quality Treatment Center for the month of October 2023.

There were no bypasses, overflows, or exceedances to report.

If you have any questions concerning the attached DMR's, please contact me at (502)540-6952.

Sincerely,

William Ford  
Process Supervisor-Operations

WEF/ Floyds Fork 11/23

Cc: V. Teague  
B. Tinnel



81011	Solids, suspended percent removal	K - Percent Removal	0	--	Sample	=	99.0							23 - %	01/30 - Monthly	CA - CALCTD
					Permit Req.	>=	85.0 MO AV MN						23 - %	0	01/30 - Monthly	CA - CALCTD
					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
FFCoverletter102023.pdf	pdf	35500.0
FFMOR102023.pdf	pdf	147082.0

**Report Last Saved By**

**Floyds Fork WQTC MSD**

User: WILLIAM.FORD@LOUISVILLEMSD.ORG  
 Name: William Ford  
 E-Mail: william.ford@louisvillemad.org  
 Date/Time: 2023-11-22 13:36 (Time Zone: -05:00)

**Report Last Signed By**

User: WILLIAM.FORD@LOUISVILLEMSD.ORG  
 Name: William Ford  
 E-Mail: william.ford@louisvillemad.org  
 Date/Time: 2023-11-27 09:27 (Time Zone: -05:00)

NAME OF TREATMENT PLANT FLOYDS FORK COUNTY JEFFERSON MONTH OF: October 2023  
 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			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	WASTE GAL/DAY X 1000	DISSOLVED OXYGEN (mg/L) X 1000	MLSS (mg/L) X 1000	MLVSS (mg/L) X 1000	RETURN		30 MIN.	60 MIN.	GALLONS X 1000	RAW			HAULED			PHOSPHORUS, TOTAL (mg/L)	NH3-N (mg/L)			ECOLI		
																								30 MIN.	60 MIN.				% DRY SOLIDS	% VOLATILE SOLIDS	% DRY SOLIDS	% VOLATILE SOLIDS	WITHDRAWN GALLONS X 1000								
1	2.581																4.06	6990	75000	4.2	3270	2480	360										0				2	14.1	2.3430581		
2	2.483				8.4				10.8				190	4	297	3	3.86	7790	75000	4.7	3410	2830	370											113.4	0.20	1.40	2	14.1	2.3232529		
3	2.408																3.89	7790	75000	4.7	3410	2830	370										113.4						2.2831357		
4	2.459																3.96	6640	70000	4.2	3140	2420	350										113.4						2.326282		
5	2.764																4.16	7260	75000	4.6	3230	2520	350										126						2.4429069		
6	2.907																2.22	8450	70000	3.9	3370	2480	340										31.5						2.7057056		
7	2.573																3.13		60000	4.5				350									0						2.4395025		
8	2.770																3.48		24000	4				350									0						2.5409286		
9	2.693				8.4				11.0			132	3	197	3	2.43	11840	36000	4	2610	2190	330										0	0.20	0.21	19	18.1	2.503557				
10	2.538																3.26	7890	60000	3.1	2840	2310	380										88.2						2.3765757		
11	2.540																3.77	7020	80000	1.8	2890	2260	400										88.2						2.3164632		
12	2.441																3.68	6990	70000	2	3280	2480	360											88.2						2.2965329	
13	2.429																3.97	5960	70000	3	2890	2290	420											88.2						2.2496037	
14	2.652																3.95		70000	3.8				400																2.359148	
15	2.702																3.91		70000	4.1				400																2.427269	
16	2.765				8.1				11.0			264	3	220	2	4.09	6390	70000	4.2	3070	2590	410											88.2	0.20	0.20	1	16.2	2.45924			
17	2.673																4.47	6540	60000	4.3	3070	2370	440											88.2						2.3683181	
18	2.532																4.51	7600	60000	5.3	3330	2560	520											88.2						2.3149552	
19	2.810																4.49	7360	70000	4.2	3130	2460	450											88.2						2.4323478	
20	3.860																2.8	10300	60000	3.6	3230	2750	400											88.2						3.4557352	
21	3.207																2.6		60000	7.6				400																2.9168367	
22	2.955																	60000	5.2				400																	2.7383544	
23	2.754				9.0							544	3	415	2	3.79	7590	50000	5.1	2960	2430	440											44.1	0.20	0.22	5	14.3	2.5095389			
24	2.661																3.6	8530	50000	7.6	3060	2450	410											88.2						2.3945572	
25	2.626																3.77	9310	60000	6.1	3040	2480	430											88.2						2.347383	
26	2.659																3.82	7690	40000	6.5	3120	2490	480											88.2						2.3403833	
27	2.647																3.78	8530	50000	5.5	3120	2960	470										44.1						2.3088586		
28	2.704																3.84		40000	3.4				480																2.3526106	
29	3.275																2.74		40000	4.2				550																3.3124857	
30	5.977																3.79	6400	40000	4.6	3160	2410	220											88.2						5.5998535	
31	4.219																4.4	7480	40000	4.2	2100	1580	300											88.2						3.4399648	
Tot.	89.26																110.2																	1820.7							81.23
Avg.	2.879				8.5				10.9			283	3	282	3	3.674	7752	58548	4.487	3060	2445	397.1										72.828	0.20	0.51	4	15.68			2.620		

RESIDENTIAL  
 COMMERCIAL  
 INDUSTRIAL

INDUSTRIAL WASTE POPULATION EQUIVALENT  
 27424 FLOW  
 39872 CBOD  
 32306 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