



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

May 20, 2020

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

**RE:   Floyds Fork WQTC, KPDES No: KY0102784  
      Discharge Monitoring Report for April 2020.**

Dear Ms. Dennis:

Attached are the Discharge Monitoring Report (DMR) and the Monthly Operator Report (MOR) for the Floyds Fork Water Quality Treatment Center for the month of April 2020.

There were no overflows, bypasses, or exceedances.

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 04/20.

Cc:   V. Teague  
      R. Shaw



81011	Solids, suspended percent removal	K - Percent Removal	0	--	Sample	=	98.0							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
FFMOR042020.pdf	pdf	80343.0
FFCOVERLETTER042020.pdf	pdf	28150.0

**Report Last Saved By**

**Floyds Fork WQTC MSD**

User: WRIGHTDUANE  
 Name: Duane Wright  
 E-Mail: duane.wright@louisvillemmsd.org  
 Date/Time: 2020-05-21 09:16 (Time Zone: -04:00)

**Report Last Signed By**

User: WILLIAM.FORD@LOUISVILLEMSD.ORG  
 Name: William Ford  
 E-Mail: william.ford@louisvillemmsd.org  
 Date/Time: 2020-05-22 10:14 (Time Zone: -04:00)

NAME OF TREATMENT PLANT FLOYDS FORK COUNTY JEFFERSON MONTH OF April 2020  
 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	GAULDAY X 1000	MLSS X1000	GAULDAY X 1000	WASTE P	DISOLVED OXYGEN (mg/L)	MLSS (mg/L) X 1000	MLVSS (mg/L) X 1000	SETTLED SLUDGE VOLUME 30 MIN.	60 MIN.	RAW GALLONS X 1000	% DRY SOLIDS	% VOLATILE SOLIDS	% DRY SOLIDS			HAULED % VOLATILE SOLIDS	WITHDRAWN GALLONS X 1000	PHOSPHORUS, TOTAL (mg/L)	NHS-N (mg/L)	ECOLI		
1	3.661	2.48	2.48	7.3	7.9			9.6		180		3	147		3	1.729	5480	50000	4.0	2850	2290	420		3.38					1.8			56700	0.30	0.20			2		3.38209
2	3.479	2.48	2.48	7.4												1.705	5890	50000	4.2	2740	2150	480		3.25							50400							3.25164	
3	3.374	2.48	2.48	7.3												1.624	5510	50000	4.3	2850	2280	490		3.13							63000							3.12586	
4	3.894	2.48	2.48													0.449		50000	4.0			450		3.24						0								3.23896	
5	3.439	2.48	2.48													0.795		50000	3.8			450		3.11						0								3.11346	
6	2.870	2.48	2.48	7.1												0.360	5170	50000	3.0	2490	2070	340		3.01						0					13.5		3.11346		
7	3.840	2.48	2.48	7.4												1.235	5920	50000	3.9	2320	1890	300		3.06						0		44100						3.00729	
8	3.270	2.48	2.48	7.3	7.7			9.1		214		3	205		4	0.670	7900	50000	3.2	2500	2050	320		2.98					1.21		56700	0.30	0.22					3.05639	
9	3.663	2.48	2.48	7.3												0.890	8100	50000	3.8	2700	2170	380		3.39						0		63000				8		3.38877	
10	3.255	2.48	2.48	7.3												1.006	9780	50000	5.9	2460	2040	360		3.00						0		63000						3.00017	
11	3.266	2.48	2.48													1.175		50000	3.9			390		2.98						0								2.98444	
12	3.637	2.48	2.48													1.184		50000	4.2			400		3.22						0					14		3.22049		
13	7.685	2.48	2.48	7.4												1.645	9780	50000	4.8	2430	2070	350		8.56						0		63000						8.56189	
14	7.685	2.48	2.48	7.3												2.039	6800	50000	6.0	2700	2170	400		5.19							88200							5.189	
15	4.596	2.48	2.48	7.5	7.8			9.4		66		3	70		3	1.989	8520	50000	4.9	2470	2000	360		4.14				1.75			56700	0.30	0.35					4.13577	
16	3.936	2.48	2.48	7.4												2.159	6180	60000	4.0	3180	2700	450		3.72							56700				1			3.71682	
17	3.923	2.48	2.48	7.3												2.330	6160	60000	3.6	3050	2530	420		3.50							56700							3.50349	
18	4.274	2.48	2.48													2.248		50000	3.8			400		4.09						0								4.09125	
19	3.920	2.48	2.48													1.912		50000	3.7			420		3.60						0					10.6		3.59999		
20	3.712	2.48	2.48	7.2												1.744	5630	60000	4.6	3050	2780	450		3.37						0		63000						3.37144	
21	3.547	2.48	2.48	7.3												1.543	5870	50000	5.0	2950	2360	450		3.22						0		63000						3.22041	
22	3.410	2.48	2.48	7.2	7.7			10.8		190		3	120		3	1.542	5540	50000	5.1	2780	2260	460		3.09				1.72			69300	0.30	0.32					3.08574	
23	4.751	2.48	2.48	7.5												1.369	5240	60000	4.0	2870	2350	420		4.24							85000				1			4.23902	
24	5.422	2.48	2.48	7.2												2.345	9230	50000	4.2	2690	2150	400		5.14							63000							5.14678	
25	4.637	2.48	2.48													0.705		50000	4.4			370		4.28						0								4.28067	
26	4.637	2.48	2.48													1.844		50000	4.0			400		5.46						0								5.461	
27	4.949	2.48	2.48	7.2												2.029	7210	60000	5.4	2980	2450	400		4.69							63000							4.68557	
28	4.352	2.48	2.48	7.3												2.154	6560	60000	4.9	2990	2450	350		4.05							63000							4.05355	
29	4.130	2.48	2.48	7.2												1.343	6010	50000	3.3	2540	2180	350		3.71							63000							3.71171	
30	4.487	2.48	2.48	7.2												0.912	6240	50000	3.4	2850	2280	350		3.79							63000							3.78813	
31																																							
Tot.	#####	74.4	74.4													44.674																							
Avg.	4.190	2.48	2.48	7.3	7.8			9.7		163		3	136		3	1.4891	6751	52000	4.243	2748	2258	399.3		3.853				1.62			46933.3	0.30	0.27	2	11.77		3.853		

RESIDENTIAL FLOW 39906  
 COMMERCIAL FLOW 27853  
 INDUSTRIAL FLOW 27041

INDUSTRIAL WASTE POPULATION EQUIVALENT CBOD 27853 TSS 27041

OPERATOR Randolph P. Kustes Jr. CERT. NO. 14555

PLANT TELEPHONE 502-540-6000

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