



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

August 19th, 2021

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

**RE: Floyds Fork WQTC, KPDES No: KY0102784  
Discharge Monitoring Report for July 2021.**

Dear Ms. Dennis:

Attached are the Discharge Monitoring Report (DMR) and the Monthly Operator Report (MOR) for the Floyds Fork WQTC, for the month of July 2021.

There were no exceedances, overflows or bypasses.

If you have any questions concerning the attached DMR's, please contact me at (502)587-5858.

Sincerely,

Joseph Shaun Smith  
Process Supervisor

JSS/ Floyds Fork 07/21.

Cc: V. Teague  
R. Shaw



81011	<b>Solids, suspended percent removal</b>	K - Percent Removal	0	--	Sample	=	99.0								23 - %	01/30 - Monthly	CA - CALCTD
					Permit Req.	>=	85.0 MO AV MN								23 - %	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
FFCoverletter0721.Pdf	pdf	34676.0
FFMOR0721.Pdf	pdf	150684.0

**Report Last Saved By**

**Floyds Fork WQTC MSD**

User: staci.huber@louisvillemmsd.org  
 Name: Staci Huber  
 E-Mail: staci.huber@louisvillemmsd.org  
 Date/Time: 2021-08-20 12:21 (Time Zone: -04:00)

**Report Last Signed By**

User: JOSEPH.SMITH@LOUISVILLEMSD.ORG  
 Name: Joseph Smith  
 E-Mail: joseph.smith@louisvillemmsd.org  
 Date/Time: 2021-08-23 09:34 (Time Zone: -04:00)

NAME OF TREATMENT PLANT FLOYDS FORK COUNTY JEFFERSON MONTH OF: July 2021  
 KPDES PERMIT NUMBER KY0102784 PLANT CAPACITY 3.5 MGD RECEIVING STREAM FLOYDS FORK

DATE	TOTAL FLOW (MILLION GALLONS)	RAW SEWAGE		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	RETURN		WASTED GAL/DAY X 1000	AERATION BASIN			SETTLED SLUDGE VOLUME		RAW			HAULED				PHOSPHORUS, TOTAL (mg/L)	NH3-N (mg/L)	ECOLI	
																		GAL/DAY X 1000	MLSS X 1000		DISSOLVED OXYGEN (mg/L)	MLSS (mg/L) X 1000	MLYSS (mg/L) X 1000	30 MIN.	60 MIN.	GALLONS X 1000	% DRY SOLIDS	% VOLATILE SOLIDS	% DRY SOLIDS	% VOLATILE SOLIDS						WITHDRAWN GALLONS X 1000
1	4.365										154		3	80		7	2	6630	65000	4.1	2510	2100	270								0.30	0.20				3.1627455
2	3.830			8.2	8.2												2	7070	65000	5.8	2300	1860	250										1	2.8393414		
3	3.204																2		65000	6.0			250											2.3916359		
4	3.037																2		45000	5.6			260											2.2006221		
5	3.135																2	5360	45000	4.5	2360	1950	280										14.1	2.3263733		
6	3.070																2	5320	55000	4.6	2470	1950	250											2.2945142		
7	3.029																2	4140	85000	3.8	2240	1820	260											2.2300088		
8	3.221										398		3	150		3	2	4850	85000	4.1	2560	2070	280								0.30	0.20			2.4192963	
9	3.521			8.3	8.3												2	7150	60000	4.6	2610	2130	270										1	2.6956375		
10	3.543																2	6160	65000	4.8	2500	2090	270												2.6385779	
11	5.768																2		40000	3.4			260										11.2	4.5262837		
12	4.060																2	7360	65000	5.1	2960	2500	260												3.1548939	
13	3.944																2	6760	80000	5.6	2410	2000	270												3.001967	
14	3.602																1	6220	60000	5.6	2240	1900	250												2.8273787	
15	3.213										278		3	99		3	1	16560	60000	5.1	1920	1550	200								0.30	0.31			2.5661726	
16	3.927			8.3	8.3												2	4310	65000	5.4	2170	1840	230											1	3.0184624	
17	6.635																2		30000	4.8			250												5.540432	
18	4.352																2		30000	4.4			250											10.8	3.503108	
19	3.782																2	5750	70000	4.8	2030	1660	200												2.890645	
20	3.356																2	5190	70000	5.4	2100	1680	200												2.6678834	
21	3.325																2	5630	60000	4.7	1960	1580	200												2.488524	
22	3.038										278		3	133		3	2	4400	60000	5.0	1850	1490	200									0.25			2.3384445	
23	2.857			8.3	8.3												2	4310	45000	4.5	2260	1840	220											1	2.2435474	
24	2.792																2		40000	4.7			200												2.2532151	
25	2.849																2		40000	4.0			220								0.30		15.5	2.3028383		
26	2.785																2	5310	75000	3.5	2440	1950	250												2.2693937	
27	2.722																1	5060	65000	3.4	2560	2010	250												2.2072299	
28	2.756																1	5950	40000	3.7	2920	2020	250												2.2063591	
29	2.723																1	4480	40000	3.9	2490	1990	240												2.1893272	
30	2.779																2	5720	40000	4.5	2600	2000	250												2.20262	
31	2.737																1		40000	4.3			250												2.1581929	
Tot.	107.96																50.86																		83.76	
Avg.	3.483			8.3	8.3						277		3	116		4	1.641	6073.48	56452	4.635	2368	1912	243.2								0.30	0.24	1	12.9	2.702	

RESIDENTIAL COMMERCIAL INDUSTRIAL  
 33167 FLOW  
 INDUSTRIAL 19733 CBOD  
 38310 TSS  
 Michael Stephenson OPERATOR  
 9616 CERT. NO.

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

502-540-6000 PLANT TELEPHONE