



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

February 11, 2021

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

**RE: Floyds Fork WQTC, KPDES No: KY0102784
Discharge Monitoring Report for January 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 January 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 01/21.

Cc: V. Teague
R. Shaw

81011	Solids, suspended percent removal	K - Percent Removal	0	--	Sample						98.0							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
FFMOR012021.XLS	xls	341504.0
FFCOVERLETTER0121.pdf	pdf	35678.0

Report Last Saved By

Floyds Fork WQTC MSD

User: JOSEPH.SMITH@LOUISVILLEMSD.ORG
 Name: Joseph Smith
 E-Mail: joseph.smith@louisvillemmsd.org
 Date/Time: 2021-02-16 10:29 (Time Zone: -05:00)

Report Last Signed By

User: JOSEPH.SMITH@LOUISVILLEMSD.ORG
 Name: Joseph Smith
 E-Mail: joseph.smith@louisvillemmsd.org
 Date/Time: 2021-02-19 07:36 (Time Zone: -05:00)

NAME OF TREATMENT PLANT FLOYDS FORK
 KPDES PERMIT NUMBER KY0102784

COUNTY JEFFERSON
 PLANT CAPACITY 3.5 MGD

MONTH OF: January 2021
 RECEIVING STREAM FLOYDS FORK

DATE	TOTAL FLOW (MILLION GALLONS)	RAW SEWAGE		pH		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 D	DISSOLVED OXYGEN (mg/L)	MLSS (mg/L) x 1000	MLVSS (mg/L) X 1000	SETTLED SLUDGE VOLUME		RAW			HAULED		PHOSPHORUS, TOTAL (mg/L)	NH3-N (mg/L)	ECOLI									
																									30 MIN.	60 MIN.	GALLONS X 1000	% DRY SOLIDS	% VOLATILE SOLIDS	% DRY SOLIDS	% VOLATILE SOLIDS						WITHDRAWN GALLONS X 1000						
1	9.633																2.85		50000		5.2			400														8.5595522					
2	7.066																2.55		40000		6.3			400														5.7945247					
3	5.425										44	3	84			3	2.33		40000		2.9			400								0	0.30	0.88		6.76	4.4529705						
4	4.673			7.6	8.0				9.2								1.75	6900	50000		2.6	3100		450										1		3.7491288							
5	3.987																1.55	7500	50000		3.8	2800	2700	450												88200	3.1262796						
6	3.781																1.36	5900	50000		2.6	2600	2400	400												63000	2.9576077						
7	3.610																2.73	11500	40000		2.4	2300	2200	350												94500	3.5413744						
8	3.399																2.65	4600	50000		1.1	3100	1900	400												81900	2.9176261						
9	3.352																2.17		40000		2.9		2600	490													94500	2.879916					
10	3.307										208	3	198			3	1.86		40000		6.2			530									0	0.30	0.44		10.9	2.8694725					
11	3.570			7.7	8.1				11.5								1.3	5200	75000		3.6	3000		500												1		2.7437041					
12	3.166																1.19	7800	55000		4.3	2400	2500	450												400		2.6785052					
13	2.980																0.921	6200	75000		2	2700	2000	410												81900		2.5781646					
14	2.999																1.04	11700	50000		2.8	2500	2300	380												69300		2.5781646					
15	2.989																1.42	9200	50000		1.6	2600	2200	350													6300		2.5352626				
16	3.015																1.08		50000		2.1		2300	350														0		2.5464685			
17	3.212																0.807		50000		2.3			350														0		2.7004323			
18	3.239			7.7	8.3				11.3		194	3	136			2	1		50000		4.2			350													75600	0.30	0.38		15.3	2.7708783	
19	3.006																1.09	10500	40000		4.5	2500		320													75600		1		2.5996234		
20	2.917																1.2	3800	40000		4.8	2600	2200	350														107100		2.5549471			
21	2.899																1.2	7200	60000		4.7	2500	2200	330														113400		2.5101042			
22	2.820																1.3	6200	75000		3.8	2700	2200	350														94500		2.4560766			
23	2.827																1.3		40000		3.2		2300	350														0		2.5119338			
24	3.060										206	3	255			4	1.3		40000		3.5			350													0	0.30	0.60		16.3	2.5979562	
25	6.160			7.8	8.2				11.5								2.35	11800	50000		4.1	2500		350														63000		2		6.0546765	
26	7.657																4.76	7100	35000		5.4	2200	2100	300														63000		6.414423			
27	5.609																5.84	7800	50000		5.3	3300	1900	500														56700		4.2040195			
28	4.356																2	7400	50000		5.7	3100	2900	600														37800		3.7658262			
29	4.031																2est	7000	55000		3.6	3100	2700	450														31500		3.5204337			
30	4.105																2est		40000		3.5		2700	490														0		3.4635887			
31	6.380																2.5est	8790	50000		4.7	2840		500														0		5.5437536			
Tot.	#####																52.9							2370														1386400				110.18	
Avg.	4.169			7.7	8.2				10.9		163	3	168			3	1.889	7705	49354.839		3.732	2722	2332	408.1														44722.581	0.30	0.58	1	12.32	3.554

RESIDENTIAL
 COMMERCIAL
 INDUSTRIAL

INDUSTRIAL WASTE POPULATION EQUIVALENT
 39702 FLOW
 34409 CBOD
 26986 TSS

Michael Stephenson OPERATOR
 36033 CERT. NO.

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

502-540-6000
 PLANT TELEPHONE