



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

December 17th, 2021

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

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

There were no overflows, exceedances 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 11/21.

Cc: V. Teague
R. Shaw

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
FFCoverletter1121.pdf	pdf	35405.0
FFMOR112021.XLS	xls	338944.0

Report Last Saved By

Floyds Fork WQTC MSD

User: kevin.thompson@louisvillemmsd.org
 Name: Kevin Thompson
 E-Mail: kevin.thompson@louisvillemmsd.org
 Date/Time: 2021-12-20 09:29 (Time Zone: -05:00)

Report Last Signed By

User: WILLIAM.FORD@LOUISVILLEMSD.ORG
 Name: William Ford
 E-Mail: william.ford@louisvillemmsd.org
 Date/Time: 2021-12-20 11:32 (Time Zone: -05:00)

NAME OF TREATMENT PLANT FLOYDS FORK COUNTY JEFFERSON MONTH OF: November 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)	pH		RAW	PRIMARY EFFLUENT	FINAL EFFLUENT	STREAM ABOVE	FINAL EFFLUENT	STREAM BELOW	RAW	PRIMARY EFFLUENT	FINAL EFFLUENT	RAW	PRIMARY EFFLUENT	FINAL EFFLUENT	RETURN		WASTED	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					
				GAL/DAY X 1000	MLSS X 1000													GAL/DAY X 1000	30 MIN.					60 MIN.	GALLONS X 1000	% DRY SOLIDS	% VOLATILE SOLIDS	% DRY SOLIDS	% VOLATILE SOLIDS	WITHDRAWN GALLONS X 1000											
1	3.494										344		3	143		3	4	6150	50000	4.1	3290	2560	530										0.30	0.20			6.86	3.1471472			
2	3.418			7.7	8.4				9.4								3	5900	50000	4.1	3670	2910	550													4		2.680788			
3	2.809																2	6630	50000	4.1	3130	2430	490																2.3382528		
4	2.606																3	5420	50000	4.1	3290	2510	540																2.8437986		
5	2.618																4	5990	70000	4.1	3740	2260	570																2.3565128		
6	2.633																4		70000	4.1			550															2.4132407			
7	2.707																4		70000	4.1			550															2.3040481			
8	2.626										496		3	196		3	4	5250	80000	4.1	3640	27701	560											0.30	0.20		7.69		2.3040481		
9	2.514			7.8	8.6				9.4								4	5110	100000	4.1	3590	2730	600													1		2.2080798			
10	2.739																4	5310	100000	4.1	3750	2910	570																2.4032953		
11	3.165																4	5180	100000	4.1	3620	2810	510																2.6734664		
12	3.360																4	6130	100000	4.1	3620	2790	530																2.8540161		
13	3.184																4		80000	4.1			560															2.7436104			
14	3.100																4		80000	4.1			550															2.6459701			
15	2.839										396		3	128		3	4	5280	80000	4.1	3490	2700	560											0.30	0.20		7.55		2.4624314		
16	2.764			7.8	8.6				9.7								4	5400	60000	4.1	3430	2640	600													1		2.3668604			
17	2.790																4	5460	60000	4.1	3590	2760	560																2.306303		
18	3.985																4	6700	60000	4.1	3650	2810	600																3.3563631		
19	3.401																4	6650	100000	4.1	3670	2820	580																2.8447638		
20	3.096																4		80000	4.1			620															2.6821556			
21	4.114																4		80000	4.1			600															3.4759588			
22	3.962										240		3	122		3	4	7720	100000	4.1	3860	3030	650										0.30	0.26		5.98		3.4434662			
23	3.499			7.6	8.2				9.3								4	6830	100000	4.1	3830	2980	670														1		2.9638619		
24	3.307																4	6490	100000	4.1	3700	2840	670																2.852416		
25	4.066																3		80000	4.1			670															3.4113526			
26	3.639																4		80000	4.1			660															3.2053566			
27	3.339																3		80000	4.1			680															2.9162893			
28	3.270																3		80000	4.1			700															2.885509			
29	3.130																4	6210	100000	4.1	3910	3060	700															2.6302073			
30	2.944																3	5610	100000	4.1	3780	2930	700																2.4921131		
31																																									
Tot.	95.12																109.22																							82.21	
Avg.	3.171			7.7	8.5				9.5		369		3	147		3	3.6407	5971	79666.67	4.1	3613	4009.1	596											0.30	0.22	1	7.02		2.740		

RESIDENTIAL
 COMMERCIAL
 INDUSTRIAL

INDUSTRIAL WASTE POPULATION EQUIVALENT
 30196
 FLOW

22904
 CBOD

46464
 TSS

Michael Stephenson
 OPERATOR

9616
 CERT. NO.

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

502-540-6000
 PLANT TELEPHONE