



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

July 26, 2022

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

**RE: Floyds Fork WQTC, KPDES No: KY0102784
Discharge Monitoring Report for June 2022.**

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 June 2022.

Additionally, attached is the 2nd Quarter Biomonitoring Report.

There were no bypasses, discharges, 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 07/22

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 - %	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
FFCoverletter062022.pdf	pdf	34095.0
FFMOR062022.pdf	pdf	186186.0

Report Last Saved By

Floyds Fork WQTC MSD

User: staci.huber@louisvillemsd.org
 Name: Staci Huber
 E-Mail: staci.huber@louisvillemsd.org
 Date/Time: 2022-07-27 13:29 (Time Zone: -04:00)

Report Last Signed By

User: WILLIAM.FORD@LOUISVILLEMSD.ORG
 Name: William Ford
 E-Mail: william.ford@louisvillemsd.org
 Date/Time: 2022-07-27 14:18 (Time Zone: -04:00)

NAME OF TREATMENT PLANT FLOYDS FORK COUNTY JEFFERSON MONTH OF: June 2022
 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	GAL/DAY X 1000	DISSOLVED OXYGEN (mg/L)	MLSS (mg/L) X 1000	MLVSS (mg/L) X 1000	SETTLED SLUDGE VOLUME	30 MIN.	60 MIN.	RAW		HAULED		PHOSPHORUS, TOTAL (mg/L)	NH3-N (mg/L)	ECOLI											
																											% DRY SOLIDS	% VOLATILE SOLIDS	% DRY SOLIDS	% VOLATILE SOLIDS						WITHDRAWN GALLONS X 1000								
1	3.262										540		3	351		2	4.17	7980	100000	3.9	3120	2510	800														15.6	2.3229132						
2	4.444			7.3	6.8												2.6	8750	100000	3.7	2530	2000	850													1	3.2927828							
3	3.554																1.33	11580	100000	4.6	2810	2460	780														2.5715213							
4	3.338																1.6		100000	4.3			770														2.4043846							
5	3.311																1.36		100000	3.9			780														2.3541746							
6	4.064																6.75	8560	100000	3.8	2740	2170	810														2.8582802							
7	6.559																1.64	12100	50000	4.6	2570	2080	780														5.6196237							
8	4.432										396		3	80		3	4.23	8680	90000	4.1	3320	2720	890													11.3	3.2588217							
9	4.398			7.7	8.3												4.24	4900	50000	5.1	3450	2720	890													1	2.7484021							
10	3.710																4.19	5630	50000	4.19	3580	2880	880															2.5612285						
11	3.576																4.22		60000	4.9			850															2.5297112						
12	3.552																4.22		60000	4.2			850															2.4768505						
13	3.495																4.2	6660	100000	4	3580	2810	880															2.4463952						
14	3.448																4.2	6800	100000	3.3	3270	2610	880															2.4016402						
15	3.223										278		3	245		2	4.21	7760	100000	2.8	3180	2600	880														9.38	2.3255839						
16	3.172			7.9	8.3												3.41	6950	100000	1.6	3120	2480	880															1	2.3148246					
17	3.089																3	5700	100000	4.9	3630	2910	880																2.2411997					
18	2.934																3		60000	4.9			820																2.2062619					
19	2.893																4.25		60000	4			830																2.2029381					
20	2.899																4.23	6730	80000	5.3	3330	2750	850																2.2353582					
21	2.758																4.19	6690	80000	4.1	3120	2400	820																2.1949153					
22	2.840										507		3	202		2	4.51	6530	80000	3.6	3430	2820	830															23.6	2.2503982					
23	2.782			7.4	7.8												4.73	6290	80000	4	3300	2570	820																2.275332					
24	2.674																4.74	6650	50000	4.2	3170	2510	790																2.1461227					
25	2.569																4.78		50000	4.1			820																2.124465					
26	3.287																4.7		50000	4.6			810																2.8664043					
27	5.317																3.76	8930	80000	3.1	2850	2190	780																5.1702137					
28	3.715																4	6380	80000	4.9	3590	2830	840																2.8598876					
29	3.036																3	12400	100000	4.7	3445	2310	800																	2.5035059				
30	2.734																4	6890	63900	3.8	3120	2760	840																	2.3964045				
31																																												
Tot.	105.06																113.5																						1209.6					80.16
Avg.	3.502			7.6	7.8						8.8		430		3	220		2	3.782	7706.4	79130	4.106	3193	2550	832.7															1	14.97	2.672		

RESIDENTIAL FLOW 33354 INDUSTRIAL WASTE POPULATION EQUIVALENT CBOD 37712 TSS 59841 OPERATOR Mike Stephenson CERT. NO. 9616

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

502-540-6000 PLANT TELEPHONE

NAME OF TREATMENT PLANT Floyds Fork

COUNTY Jefferson

Month of: June 2022

Avg. Flow: 3.50

Date	Rainfall	Sludge Disposal in Gallons	Remarks
1		56700	
2		94500	
3		88200	
4		0	
5		0	
6		56700	
7		50400	
8		63000	
9		63000	
10		56700	
11		0	
12		0	
13		56700	
14		50400	
15		50400	
16		44100	
17		25200	
18		0	
19		0	
20		56700	
21		50400	
22		63000	
23		50400	
24		44100	
25		0	
26		0	
27		50400	
28		44100	
29		50400	
30		44100	
31		0	