



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

November 13, 2024

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

**RE: Floyds Fork WQTC, KPDES No: KY0102784
 Discharge Monitoring Report for October 2024.**

Dear Ms. Dennis:

Attached are the Discharge Monitoring Report (DMR) and the Monthly Operating Report (MOR) for the Floyds Fork WQTC, for the month of October 2024.

There were no bypasses, overflows or exceedances.

If you have any questions concerning the attached DMR's, please contact me at (502)540-6000.

Sincerely,

Curt Otto
Process Supervisor-Operations

CEO/ Floyds Fork 10/24

Cc: V. Teague
 B. Tinnel

NAME OF TREATMENT PLANT FLOYDS FORK COUNTY JEFFERSON MONTH OF: October 2024
 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	DIS-SOLVED OXYGEN (mg/L)	MLSS (mg/L)	MLVSS (mg/L)	SETTLED SLUDGE VOLUME		RAW			HAULED		PHOSPHORUS, TOTAL (mg/L)			NH3-N (mg/L)	ECOLI	
																		GAL/DAY MGD	MLSS mg/L	GAL/DAY					30 MIN.	60 MIN.	GALLONS X 1000	% DRY SOLIDS	% VOLATILE SOLIDS	% DRY SOLIDS	% VOLATILE SOLIDS						WITHDRAWN GALLONS X 1000
1	4.550			7.5													2.370	5540	80000	6.40	3460	2680	420						75600							9.74	3.865724
2	4.081			7.4	8.3				11.9		88	3	33		3		0.760	4370	80000	6.30	3470	2890	400						75600	0.66	0.23	1				9.74	3.339218
3	3.212			7.5												1.140	6860	80000	4.60	3280	2660	450						75600									2.998777
4	3.023			7.5												1.440	5660	80000	2.40	3480	2790	450						44100									2.832102
5	2.977															1.780		76000	6.10				480					0									2.915369
6	3.082															1.780		80000	4.30				480					0									3.100297
7	2.916			7.5												1.750	5460	80000	4.10	3110	2510	480						75600									2.707146
8	2.860			7.5												1.760	5340	60000	6.80	3220	2570	490						75600									2.619105
9	2.782			7.6	8.4				12.0		386	3	137		3	1.960	5040	60000	7.60	2830	2180	460						75600	0.27	0.20	1	13.7				2.565487	
10	2.815			7.7												2.000	4990	60000	7.70	3210	2460	360						75600									2.554128
11	2.693			7.5												1.940	5100	60000	7.50	3000	2320	390						75600									2.490453
12	2.739															1.910		80000	7.10				450					0									2.521661
13	3.007															1.970		80000	6.50				450					0									2.651714
14	2.888			7.5												1.940	5530	40000	5.90	2990	2310	410						75600									2.555518
15	2.809			7.6												1.950	5670	50000	6.70	4030	3160	500						75600									2.476334
16	2.726			7.4	8.1				10.7		172	3	109		3	2.140	5360	80000	6.80	2870	2240	570						75600	0.33	0.20	1	12.1				2.478076	
17	2.187			7.6												1.960	5270	80000	7.60	3540	2750	570						75600									2.041909
18	2.112			7.4												1.730	5680	80000	7.80	3430	2650	530						75600									1.935476
19	2.135															1.590		80000	7.00				550					0									2.000047
20	2.287															1.520		80000	7.50				450					0									2.119643
21	2.782			7.2												1.100	4130	80000	7.60	3200	2450	570						75600									2.037617
22	2.110			7.5												0.870	11370	60000	7.30	2740	2150	400						75600									1.951974
23	2.154			7.5	8.4				10.4		340	3	159		3	1.000	6150	80000	4.70	2890	2210	450						75600	0.16	0.34	1	12.9				1.980844	
24	2.105			7.5												0.910	6510	80000	4.90	3050	2430	440						75600									1.94155
25	2.097			7.3												0.890	5700	80000	6.40	2730	2110	440						75600									1.916167
26	2.166															0.880		70000	7.00				445					0									1.973556
27	2.281															0.890		70000	7.10				410					0									2.099958
28	2.257			7.3												0.880	6870	70000	7.30	2890	2340	410						75600									1.983739
29	2.206			7.2												0.870	6060	60000	7.80	2990	2410	400						75600									1.953432
30	2.217			7.3												0.900	5630	60000	7.40	2940	2180	400						75600									1.942295
31	2.397			7.5												0.900	6070	60000	7.10	2850	2310	400						75600									2.01296
Tot.	82.65															45.48												2E+06									74.56
Avg.	2.666			7.5	8.3				11.3		247	3	110		3	1.467	5841.7	71484	6.49	3139	2468	455						55074	0.36	0.24	1	12.1				2.405	

RESIDENTIAL COMMERCIAL INDUSTRIAL INDUSTRIAL WASTE POPULATION EQUIVALENT
 25392 14323 26101
 FLOW CBOD TSS

Mike Stephenson 9616
 OPERATOR CERT. NO.

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

(502)540-6000
 PLANT TELEPHONE

					Value NODI													
80082	BOD, carbonaceous [5 day, 20 C]	1 - Effluent Gross	0	--	Sample = 73.0	= 102.0	26 - lb/d		= 3.0	= 3.0	19 - mg/L	0	01/07 - Weekly	CP - COMPOS				
					Permit Req. <= 325.0 MO AVG	<= 488.0 MX WK AV	26 - lb/d		<= 6.0 MO AVG	<= 9.0 MX WK AV	19 - mg/L		01/07 - Weekly	24 - COMP24				
					Value NODI													
80082	BOD, carbonaceous [5 day, 20 C]	G - Raw Sewage Influent	0	--	Sample = 110.0	= 159.0			Req Mon MO AVG	Req Mon MX WK AV	19 - mg/L	0	01/07 - Weekly	CP - COMPOS				
					Permit Req.						19 - mg/L		01/07 - Weekly	24 - COMP24				
					Value NODI													
80091	BOD, carb-5 day, 20 deg C, percent removal	K - Percent Removal	0	--	Sample = 97.0						23 - %	0	01/30 - Monthly	CA - CALCTD				
					Permit Req. >= 85.0 MO AV MN						23 - %		01/30 - Monthly	CA - CALCTD				
					Value NODI													
81011	Solids, suspended percent removal	K - Percent Removal	0	--	Sample = 99.0						23 - %	0	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
FF_CL_OCT24.pdf	pdf	36863.0
FFMOR102024.xls	xls	342528.0

Report Last Saved By

Floyds Fork WQTC MSD

User: CURT.OTTO@LOUISVILLEMSD.ORG
 Name: Curt Otto
 E-Mail: curt.otto@louisvillemsd.org
 Date/Time: 2024-11-13 11:17 (Time Zone: -05:00)

Report Last Signed By

User: CURT.OTTO@LOUISVILLEMSD.ORG
 Name: Curt Otto
 E-Mail: curt.otto@louisvillemsd.org
 Date/Time: 2024-11-13 11:21 (Time Zone: -05:00)