



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

November 23, 2022

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

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

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 October 2022.

There were no exceedances, discharges, or bypasses.

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 10/22.

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
FloydsForkCoverletter102022.pdf	pdf	36111.0
FloydsForkMOR102022.pdf	pdf	190166.0

Report Last Saved By

Floyds Fork WQTC MSD

User: kevin.thompson@louisvillemmsd.org
 Name: Kevin Thompson
 E-Mail: kevin.thompson@louisvillemmsd.org
 Date/Time: 2022-11-24 09:08 (Time Zone: -05:00)

Report Last Signed By

User: WILLIAM.FORD@LOUISVILLEMSD.ORG
 Name: William Ford
 E-Mail: william.ford@louisvillemmsd.org
 Date/Time: 2022-11-28 07:28 (Time Zone: -05:00)

NAME OF TREATMENT PLANT FLOYDS FORK COUNTY JEFFERSON MONTH OF: October 2022
 KPDES PERMIT NUMBER KY0102784 PLANT CAPACITY 3.5 MGD RECEIVING STREAM FLOYDS FORK

DATE	TOTAL FLOW (MILLION GALLONS)	RAW SEWAGE		SETTLEABLE SOLIDS (mg/L)			DISSOLVED OXYGEN (mg/L)			SUSPENDED SOLIDS (mg/L)			5 DAY CBOD (mg/L)			ACTIVATED SLUDGE			AERATION BASIN						SLUDGE HANDLING					FINAL							
		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	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	Total Nitrogen	TOTAL FLOW (MILLION GALLONS)		
																		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	2.624																2.32		65000	4.4			430									0					2.0732412
2	2.790												755	3	423	4	1.22		65000	5			540									0	0.30	0.22		15.1	2.2150846
3	2.784			7.5	8.2				9.0								0.48	7610	65000	5.2	2590	2000	460									94.5			2	2.2025881	
4	2.662																0.73	10190	65000	2.2	2570	2050	470									31.5				2.1012182	
5	2.639																0.114	8030	50000	1.8	2660	2040	550									0				2.0835423	
6	2.649																0.185	11030	50000	1.4	2780	2200	530									0				2.0803065	
7	2.678																0.138	10330	50000	5.8	2080	2150	580									157.5				2.0518739	
8	2.614																1.33		50000	4.9			550									0				2.0743172	
9	2.759												635	3	451	3	1.21		50000													0	0.30	0.32		15.9	2.1841683
10	2.753			6.9	8.4				9.4								1	11980	50000	6.6	2550	2010	490									94.5			3	2.0994706	
11	2.667																1.09	11620	50000	6.8	2510	1950	500									94.5				2.0749891	
12	2.748																1	11910	50000	6.2	3070	2500	550									31.5				2.1452055	
13	2.673																0.89	12050	65000	6.4	2680	2330	500									94.5				2.0733263	
14	2.591																3	12350	65000	6.8	2590	2060	500									63				2.020082	
15	2.594																2.74		65000	7			500									0				2.0398512	
16	2.871												144	3	229	2	1.6		65000	6.9			520								0	0.30	0.20		17.1	2.1761692	
17	2.742			7.5	8.1				9.6								0.923	1154	65000	7.7	2700	2120	490									126			1	2.1298463	
18	2.752																0.9	6700	65000	6.5	2560	2040	470									88.2				2.053148	
19	2.602																0.9	7110	65000	6.9	2870	2260	630									100.8				2.0449591	
20	2.615																0.325	8230	65000	7.1	2730	2110	550									44.1				2.0410168	
21	2.622																0.325	8020	50000	6.5	2560	2000	470									0				2.0332479	
22	2.763																0.2		50000	6.6			500									0				2.080771	
23	2.851												600	4	472	3	0.2		50000	6.3			500								0	0.30	0.20		15.5	2.2060862	
24	2.773			7.6	8.3				9.2								0.188	7470	50000	6	2710	2110	460									63			4	2.1087196	
25	2.892																0.23	6540	50000	7.8	2550	1980	500									94.5				2.1311424	
26	3.074																0.256	11560	65000	7.2	2800	2220	550									126				2.3033633	
27	2.800																0.31	9830	65000	6.9	2520	2010	470									63				2.1281984	
28	2.591																0.317	7520	60000	6.2	2560	2000	500									94.5				1.9793638	
29	2.620																0.317		60000	7.7			490								0				1.9916085		
30	3.179																0.217		60000	6.8			540								0				2.3270886		
31	2.964																0.088	13280	60000	6.2	2740	2330	450									94.5				2.4811881	
Tot.	84.94																24.74															1682.1					65.74
Avg.	2.740			7.4	8.3				9.3				534	3	394	3	0.798	9262.6	58064.5	5.993	2637	2118	508								54.26129	0.30	0.24	2	15.9	2.120	

RESIDENTIAL COMMERCIAL INDUSTRIAL _____
 INDUSTRIAL WASTE POPULATION EQUIVALENT
 26094 FLOW 52926 CBOD 58051 TSS
 Mike Stephenson OPERATOR 9616 CERT. NO.

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

(502)540-6000
 PLANT TELEPHONE

NAME OF TREATMENT PLANT Floyds Fork

COUNTY Jefferson

Month of: October 2022

Avg. Flow: 2.74

		Sludge Disposal	
Date	Rainfall	in Gallons	Remarks
1		0	
2		0	
3		94500	
4		31500	
5		0	
6		0	
7		157500	
8		0	
9		0	
10		94500	
11		94500	
12		31500	
13		94500	
14		63000	
15		0	
16		0	
17		126000	
18		88200	
19		100800	
20		126000	
21		44100	
22		0	
23		0	
24		63000	
25		94500	
26		126000	
27		63000	
28		94500	
29		0	
30		0	
31		94500	