



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

December 19, 2022

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

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

There were no bypasses or exceedances. Attached is the overflow report.

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 11/22.

Cc: V. Teague  
B. Tinnel



81011	<b>Solids, suspended percent removal</b>	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
FFMOR112022.pdf	pdf	189459.0
FFCoverletter112022.pdf	pdf	32966.0
FFOverflowReport112022.pdf	pdf	61258.0

**Report Last Saved By**

**Floyds Fork WQTC MSD**

User: WILLIAM.FORD@LOUISVILLEMSD.ORG  
 Name: William Ford  
 E-Mail: william.ford@louisvillemmsd.org  
 Date/Time: 2022-12-19 10:56 (Time Zone: -05:00)

**Report Last Signed By**

User: WILLIAM.FORD@LOUISVILLEMSD.ORG  
 Name: William Ford  
 E-Mail: william.ford@louisvillemmsd.org  
 Date/Time: 2022-12-19 13:47 (Time Zone: -05:00)

NAME OF TREATMENT PLANT FLOYDS FORK COUNTY JEFFERSON MONTH OF: November 2022  
 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		WAST EG	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 100	% DRY SOLIDS	% VOLATILE SOLIDS	% DRY SOLIDS	% VOLATILE SOLIDS						WITHDRAWN GALLONS x 1000	
																																						RAW
1	3.613	2.48	2.48										516		3	340		2	0	11590	60000	6.4	2730	2130	520							63	0.30	0.20		11.9	2.4650211	
2	2.862	2.48	2.48	7.6	8.3				10.8										0	9210	50000	7.6	2450	1930	580							107			1	11.9	2.1175358	
3	2.608	2.48	2.48																0	11070	50000	7.2	2790	2180	570							113				11.9	2.010669	
4	2.551	2.48	2.48																0	11320	50000	7.0	2770	2310	580							0				11.9	1.9263192	
5	2.651	2.48	2.48																0		60000	6.9			570							0				11.9	1.9283239	
6	2.735	2.48	2.48																0		60000	7.9			550							0				11.9	2.01565	
7	2.591	2.48	2.48															1	13490	0	7.4	2600	2150	520							63				11.9	1.9290094		
8	2.570	2.48	2.48										552		3	404		2	1	12050	0	5.2	2820	2220	550							63	0.30	0.20		15.2	1.929244	
9	2.460	2.48	2.48	7.7	8.5				12.0									1	16800	80000	5.4	2830	2390	540							63				3	11.9	1.8887159	
10	2.570	2.48	2.48															1	13260	70000	5.5	2740	2250	480							32				11.9	1.9742526		
11	3.404	2.48	2.48															1	13350	70000	5.2	2720	2090	340							95					11.9	3.0574849	
12	3.847	2.48	2.48															1		70000	5.4			420							0					11.9	2.9115214	
13	3.606	2.48	2.48															1		70000	6.0			480							0					11.9	2.7696247	
14	3.208	2.48	2.48															5	7850	70000	5.4	2720	2260	500							88					11.9	2.483387	
15	3.072	2.48	2.48										76		3	107		2	5	7760	80000	5.4	3000	2500	550						32	0.20	0.34		12.7	2.2863436		
16	3.057	2.48	2.48	7.8	8.4				12.1									5	7370	70000	5.4	2840	2230	560							63				1	11.9	2.2955167	
17	2.983	2.48	2.48															5	7240	70000	5.8	2990	2440	550							63					11.9	2.2231033	
18	2.910	2.48	2.48															5	8640	70000	5.6	2850	2340	500							63					11.9	2.1862731	
19	2.964	2.48	2.48															5		60000	5.8			460							0					11.9	2.2707212	
20	2.990	2.48	2.48															5		60000	6.6			510							0					11.9	2.3125422	
21	2.945	2.48	2.48															5	8790	60000	5.9	2800	2220	550							63					11.9	2.224391	
22	2.854	2.48	2.48										390		3	200		3	5	6480	70000	5.7	2910	2340	570							63	0.30	0.20		13.9	2.1935012	
23	3.025	2.48	2.48	7.6	8.3				11.6									5	7000	70000	5.4	2900	2360	580							63				1	11.9	2.2684746	
24	2.967	2.48	2.48															5		70000	5.9			600							0					11.9	2.2412179	
25	2.827	2.48	2.48															4			2.1			670							0					11.9	2.1266265	
26	2.975	2.48	2.48															1		70000	3.0			660							0					11.9	2.2216461	
27	4.024	2.48	2.48															5		70000	2.9			660							0					11.9	2.97927	
28	3.625	2.48	2.48															4	10360	70000	3.0	3110	2450	640							63					11.9	2.70509	
29	3.305	2.48	2.48															4	10670	80000	2.4	3270	2670	780							32					11.9	2.70509	
30	5.002	2.48	2.48															2	12860	90000	3.1	3210	2610	730							63					11.9	6.3424873	
31																																					11.9	
Tot.	92.80	74.4	74.4																81.024												1253.7						11.9	72.99
Avg.	3.093	2.48	2.48	7.7	8.4				11.6				384		3	263		2	2.7008	10358	62758.6	5.417	2853	2304	559						1.301		41.79	0.28	0.24	1	13.43	2.433

RESIDENTIAL FLOW 29461 INDUSTRIAL WASTE POPULATION EQUIVALENT 39875  
 COMMERCIAL FLOW 47115 TSS 47115  
 INDUSTRIAL FLOW 29461 OPERATOR Mike Stephenson CERT. NO. 9616

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

(502)540-6000  
 PLANT TELEPHONE

NAME OF TREATMENT PLANT    Floyds Fork

COUNTY    Jefferson

Month of:                    November    2022

Avg. Flow:    3.09

		Sludge Disposal	
Date	Rainfall	in Gallons	Remarks
1		63000	
2		107100	
3		113400	
4		0	
5		0	
6		0	
7		63000	
8		63000	
9		63000	
10		31500	
11		94500	
12		0	
13		0	
14		88200	
15		31500	
16		63000	
17		63000	
18		63000	
19		0	
20		0	
21		63000	
22		63000	
23		63000	
24		0	
25		0	
26		0	
27		0	
28		63000	
29		31500	
30		63000	
31		0	



**IMSAST0004  
Overflow Report**

**11/1/2022 12:00:00 AM to 11/30/2022 12:00:00 AM**

KPDES #	Facility ID	Water Quality Treatment Center	Receiving Stream of Discharge	Region							
KY0102784	MSD0294	FLOYDS FORK	FLOYDS FORK	NA							
Facility Type	Facility ID	Facility Address	If Pump Station, Name of Station	Receiving Stream	Discharge To						
Sewer Main	96911-V	911 EASTWOOD FISHERVILLE RD	FLOYDS FORK	LONG RUN	STREAM						
Activity Code / Description	WO #	Ref #	Initiated on	Initiated By	Assigned To	Dish Status	Event Date	Problem Desc	Result	Completed	Condition
DISDW: DRY WEATHER DISCHARGE	3579931		11/10/2022 1:55:00 PM	CATALANO JR	SMITHER	REPAIRED - ISSUE RESOLVED	11/10/2022 12:00:00 AM	STRUCTURAL FAILURE	UNAUTHORIZED DISCHARGE- WATERS	11/10/22 02:15 PM	

**Discharge Reporting:**

Discharge Amount:	1,000 GAL
Cause:	STRUCTURAL FAILURE, FORCEMAIN BREAK.
Clean Up:	AREA DISINFECTED WITH LIME.
Control Zone:	PLACED TEMPORARY SIGNS AROUND THE IMPACTED AREA.
Impact:	SEWAGE FOUND ON THE GROUND.
Repair:	CONTRACTOR CALLED TO PERFORM REPAIRS.
Public Notification:	PLACED TEMPORARY SIGNS AROUND THE IMPACTED AREA.

**Notifications:**

11/11/22 1:00 AM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO: DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
11/11/22 1:00 AM	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION