



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

August 25, 2022

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

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

There were no bypasses or exceedances. Overflow report attached.

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
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
FFCoverletter072022.pdf	pdf	36661.0
FFMOR072022.pdf	pdf	193021.0
FFOverflowReport072022.pdf	pdf	55122.0

Report Last Saved By

Floyds Fork WQTC MSD

User: WILLIAM.FORD@LOUISVILLEMSD.ORG
 Name: William Ford
 E-Mail: william.ford@louisvillemmsd.org
 Date/Time: 2022-08-25 14:04 (Time Zone: -04:00)

Report Last Signed By

User: WILLIAM.FORD@LOUISVILLEMSD.ORG
 Name: William Ford
 E-Mail: william.ford@louisvillemmsd.org
 Date/Time: 2022-08-26 10:21 (Time Zone: -04:00)

NAME OF TREATMENT PLANT FLOYDS FORK COUNTY JEFFERSON MONTH OF: July 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													
		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 EP	DISSOLVED OXYGEN (mg/L)	MLSS (mg/L) x 1000	MLYSS (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	2.596																2.17	8140	100000	3.8	3440	2680	820																			2.3007457		
2	2.588																1.3		80000	3.2				700																		2.2520499		
3	3.238																2		80000	3				700																	2.794297			
4	2.872												88		3	141	2	3.1		80000	4				710								0	0.30	0.21		10.3			2.5058138				
5	2.796			7.5	7.0				8.1								4.21	9430	80000	3.9	2150	2010	650															1			2.4226589			
6	2.863																4.16	7360	80000	3.2	3070	2410	740																		2.3938122			
7	2.835																2.6	7860	80000	2.8	3190	2490	730																			2.3825333		
8	4.094																1.66	12910	80000	2.9	3090	2620	660																			3.5048416		
9	4.202																4.08		80000	3.6				700																		3.572458		
10	3.577												86		3	93	2	2.21		80000	3.8				690																	3.1210911		
11	3.141			7.4	7.4				8.7								4.25	6100	55000	3.6	3230	2690	690																2			2.7192245		
12	2.951																4.38	8270	100000	3.4	3230	2610	690																			2.5045919		
13	2.801																4.38	14170	80000	3.1	2380	1890	490																				2.3805623	
14	2.711																2.96	6610	100000	3.2	2940	2520	550																				2.3141918	
15	2.680																4.22	6570	100000	3.8	2640	2040	540																				2.249433	
16	2.590																4.86		80000	3.3				500																			2.2433047	
17	2.872												487		3	402	6	4.25		80000	4.2				450																		2.3995647	
18	4.259			7.6	8.4				9.4								4.67	7320	80000	4.6	2820	2320	570																				3.5664046	
19	3.220																4.45	5970	80000	5.2	3090	2530	570																				2.7900624	
20	2.994																4.472	5600	60000	5.2	2950	2350	520																				2.5119903	
21	3.358																4.91	5050	50000	4.9	2820	2330	520																				2.3709853	
22	2.803																4.83	6470	80000	5	2960	2460	500																				2.2920833	
23	2.756																4.89		60000	5.6				540																			2.3038189	
24	2.795																4.81		80000	3.1				550																			2.335675	
25	3.228												478		3	344	2	4.13	6890	85000	4.1	2830	2220	500																			2.5583401	
26	3.931			7.4	8.0				9.5								4.11	6290	85000	4.3	2450	2070	500																				3.6523061	
27	3.608																4.16	7070	85000	3	2580	2110	430																				3.0496845	
28	3.282																4.67	4910	70000	3.2	3100	2350	540																					2.7456908
29	3.845																4.44	6050	70000	3.4	3130	2450	540																					3.245235
30	3.196																4.77		70000	4.1				550																			2.6740839	
31	6.768																4.44		70000	3.8				600																			6.1963048	
Tot.	101.45																120.5																										96.35	
Avg.	3.273			7.5	7.7				8.9				285		3	245	3	3.888	7452	78710	3.816	2905	2358	594.8																			86.35	2.786

RESIDENTIAL FLOW 31167 INDUSTRIAL WASTE POPULATION EQUIVALENT 39334 COMMERCIAL FLOW 37008 TSS 9616 OPERATOR Mike Stephenson CERT. NO. 9616 INDUSTRIAL FLOW 0 CBOD 0

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: July 2022

Avg. Flow: 3.27

		Sludge Disposal	
Date	Rainfall	in Gallons	Remarks
1	0	25200	
2	0	0	
3	0	0	
4	0	0	
5	0	32400	
6	.4 est	36000	
7	.3est	32400	
8	.30 est	32400	
9	.20 est	0	
10	0	0	
11	0	43200	
12	0	54000	
13	0	39600	
14	0	36000	
15	0	36000	
16	0	0	
17	0.37	0	
18	1.16	28800	
19	0	63000	
20	0	81900	
21	0	69300	
22	0	107100	
23	0	0	
24	0.27	0	
25	0.27	94500	
26	0.97	32400	
27	0.04	0	
28	0.33	56700	
29	0	63000	
30	0	0	
31	1.31	0	



**IMSAST0004
Overflow Report**

7/1/2022 12:00:00 AM to 7/31/2022 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	80581B-AG	611 WOODLAKE DR	FLOYDS FORK	FLOYDS FORK	STREAM

Activity Code / Description	WO #	Ref #	Initiated on	Initiated By	Assigned To	Dish Status	Event Date	Problem Desc	Result	Completed	Condition
DISREV:RAIN EVENT DISCHARGE	3537429		7/18/2022 10:14:00 AM	SMITHER	MSD CONTRACTOR	REPAIRED - ISSUE RESOLVED	7/18/2022 12:00:00 AM	STRUCTURAL FAILURE	UNAUTHORIZED DISCHARGE-WATERS	07/18/22 11:30 AM	

Discharge Reporting:

Discharge Amount:	1,000 GAL
Cause:	MECHANICAL FAILURE (FORCE MAIN BREAK).
Clean Up:	CLEANUP NOT POSSIBLE DUE TO ELEVATED CREEK LEVEL.
Control Zone:	PLACED SIGNS AROUND THE IMPACTED AREA.
Impact:	SEWAGE/DEBRIS/SOLIDS FOUND ON THE GROUND.
Repair:	CONTRACTOR TO REPAIR FORCE MAIN BREAK.
Public Notification:	PLACED SIGNS AROUND THE IMPACTED AREA.

Notifications:

7/18/22 1:00 PM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
7/18/22 1:00 PM	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION