



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

June 23, 2023

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

**RE: Floyds Fork WQTC, KPDES No: KY0102784
Discharge Monitoring Report for May 2023.**

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 May 2023.

There were no bypasses or exceedances. The overflow report is 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 06/23

Cc: V. Teague
B. Tinnel

81011	Solids, suspended percent removal	K - Percent Removal	0	--	Sample	=	100.0							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
FFCoverletter052023.pdf	pdf	33597.0
FFMOR052023.pdf	pdf	127228.0
FFMayOverflowReport.pdf	pdf	60739.0

Report Last Saved By

Floyds Fork WQTC MSD

User: staci.huber@louisvillemsd.org
 Name: Staci Huber
 E-Mail: staci.huber@louisvillemsd.org
 Date/Time: 2023-06-26 12:14 (Time Zone: -04:00)

Report Last Signed By

User: WILLIAM.FORD@LOUISVILLEMSD.ORG
 Name: William Ford
 E-Mail: william.ford@louisvillemsd.org
 Date/Time: 2023-06-26 13:10 (Time Zone: -04:00)

NAME OF TREATMENT PLANT FLOYDS FORK
 KPDES PERMIT NUMBER KY0102784

COUNTY JEFFERSON
 PLANT CAPACITY 3.5 MGD

MONTH OF: May 2023
 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								
		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. TO ED	DISSOLVED OXYGEN (mg/L)	MLSS (mg/L) x 1000	MLVSS (mg/L) x 1000	SETTLED SLUDGE VOLUME		RAW			HAULED		WITHDRAWN GALLONS x 1000	PHOSPHORUS, TOTAL (mg/L)	NH3-N (mg/L)	ECOLI		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 1000	% DRY SOLIDS	% VOLATILE SOLIDS	% DRY SOLIDS					% VOLATILE SOLIDS	
1	3.862									308		3	203		3	5	8270			2.8	3850	3170	600		80000					63000	0.30	0.25				
2	3.818				7.9				11.7						5	6910			3.2	3730	3030	600		80000					63000				1		2.5168302	
3	3.572														4	6540			4.0	3380	2610	580		80000				63000						2.4509454		
4	3.594														4	6490			3.4	3360	2550	600		80000				63000						2.4464626		
5	3.629														5				3.0	3200	2580	640		80000				63000						2.4784734		
6	3.624														5				3.1			650		80000				0						2.4591069		
7	4.268														5				2.5			650		80000				0						2.8912389		
8	4.050									2260		3	334		3	4	6750			2.6	3780	3070	600		60000			63000	0.30	1.80		10.9		3.1701264		
9	4.238				7.4				12.0						4	9960			3.0	3180	2590	540		80000				63000				5		2.9416189		
10	3.812														5	5970			4.3	3500	2850	600		40000				63000						2.5847299		
11	3.669														5	5740			3.7	3390	2710	560		40000				63000		0.20				2.5245667		
12	3.565														5	6070			3.0	3940	3100	660		40000				50400						2.3791783		
13	3.584														5				2.8			600		60000				0						2.4935377		
14	3.876														4				4.0			650		60000				0						2.6911294		
15	3.710									1820		3	369		3	5	6600			3.4	4010	3390	570		40000			63000	0.30	0.23		11.1		2.5314896		
16	4.873				8.0				11.0						5	6790			3.7	3720	3010	570		60000				63000				1		3.4226878		
17	4.520														4	7940			5.0	3550	2800	520		40000				31500						3.1630118		
18	3.946														5	7590			6.8	3450	2770	660		60000				63000						2.7256551		
19	3.727														5	4830			6.2	3830	3240	600		60000				63000						2.5450466		
20	6.195														5				5.2			450		60000				0						4.5510435		
21	4.884														5				5.8			600		60000				0						3.4438651		
22	4.212									716		3	206		3	5	6520			6.6	3970	3130	620		60000			63000	0.30	0.64		7.93		2.9212501		
23	3.845				8.1				12.0						5	6900			6.3	4310	3320	700		60000				63000					2		2.6598153	
24	3.658														5	6350			7.8	4080	3350	650		80000				63000						2.5558286		
25	3.509														5	6100			6.1	3680	2900	610		60000				63000						2.4530706		
26	3.331														4	6280			6.1	3900	3330	600		80000				44100						2.2148995		
27	3.166														4				5.2			660		80000				0						2.0994775		
28	3.042														4				5.0			660		80000				0						2.027719		
29	3.165														4				4.5			600		80000				0						2.1823032		
30	3.767														4	6990			3.4	4320	3390	680		60000				63000						2.5056472		
31	3.352															7230			3.2	4640	3650	670		80000										2.3317792		
Tot.	#####														138.9																					82.98
Avg.	3.873				7.9				11.7		1276		3	278	3	4.631	6801		4.377	3762.3	3024.5	611.29		65806.45				42000	0.30	0.62		2	10.73		2.677	

RESIDENTIAL COMMERCIAL INDUSTRIAL INDUSTRIAL WASTE POPULATION EQUIVALENT
 36886 FLOW 52822 CBOD 196267 TSS
 Mike Stephenson OPERATOR 9616 CERT. NO.

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

502-540-6000 PLANT TELEPHONE



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 Manhole	107166	2400 ARNOLD PALMER BLVD	FLOYDS FORK	FLOYD FORK	GROUND

Activity Code / Description	WO #	Ref #	Initiated on	Initiated By	Assigned To	Dish Status	Event Date	Problem Desc	Result	Completed	Condition
DISDW:DRY WEATHER DISCHARGE	3649027		5/10/2023 7:40:00 PM	BOWLIN JR		REPAIRED - ISSUE RESOLVED	5/11/2023 12:00:00 AM	OBSTRUCTION-NOT GREASE / ROOTS	UNAUTHORIZED DISCHARGE-WATERS	05/11/23 02:00 PM	MAIN

Discharge Reporting:

Discharge Amount:	800 GAL
Cause:	OBSTRUCITON IN THE MAIN SEWER.
Clean Up:	MSD PERSONNEL CLEANED THE IMPACTED AREA.
Control Zone:	PLACED TEMPORARY DISCHARGE SIGNAGE AROUND IMPACTED AREA.
Impact:	SEWAGE / DEBRIS AROUND CLEANOUT.
Repair:	REFERRED TO THE AREA SUPERVISOR FOR REPAIRS.
Public Notification:	ADVISED ON SITE.

Notifications:

5/11/23 1:00 AM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
5/11/23 1:00 AM	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION