



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

April 22, 2022

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

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

Additionally, attached is the 1st Quarter Biomonitoring Report.

There were no bypasses or exceedances.

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 04/22

Cc: V. Teague
B. Tinnel

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 - %	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
FFCoverletter032022.pdf	pdf	39129.0
FFMOR032022.pdf	pdf	198958.0
FFDischargeReport032022.pdf	pdf	65333.0

Report Last Saved By

Floyds Fork WQTC MSD

User: WILLIAM.FORD@LOUISVILLEMSD.ORG
 Name: William Ford
 E-Mail: william.ford@louisvillemSD.org
 Date/Time: 2022-04-23 07:35 (Time Zone: -04:00)

Report Last Signed By

User: WILLIAM.FORD@LOUISVILLEMSD.ORG
 Name: William Ford
 E-Mail: william.ford@louisvillemSD.org
 Date/Time: 2022-04-25 10:36 (Time Zone: -04:00)

NAME OF TREATMENT PLANT FLOYDS FORK
 KPDES PERMIT NUMBER KY0102784

COUNTY JEFFERSON
 PLANT CAPACITY 3.5 MGD

MONTH OF: March 2022
 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	GAL/DAY X 1000	MLSS X 1000	GAL/DAY X 1000	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						
																									% VOLATILE SOLIDS	% DRY SOLIDS	% VOLATILE SOLIDS	WITHDRAWN GALLONS X 1000											
1	3.876										351		3	244		3	6.08	6810	100000	3	4000	3090	940							63000	0.30	0.28				Total Nitrogen	7.47	3.156	
2	3.754			7.7	8.3				9.8								6.83	6510	100000	3.7	4140	3230	940							25200			1				2.984		
3	3.921																5.11	5550	100000	4.1	3710	2810	880						75600								2.84		
4	3.141																4.71	8630	100000	5.9	3710	2880	900					50400									2.724		
5	3.381																7.27		80000	6.5			940					0									2.707		
6	3.907																7.18		80000	6.2			930					0									3.0527554		
7	6.931																7.77	7580	100000	5.6	4270	3310	920					37800									6.7583766		
8	5.696										152		3	100		2	7	5810	200000	6.4	3330	2620	850					138600	0.30	0.20		9.04					4.791904		
9	5.120			7.7	8.4				10.5								5.28	6220	100000	4.7	3550	2840	870					113400				1					4.0047164		
10	4.963																4.77	6780	100000	5.4	3210	2540	850					75600										3.4884887	
11	3.887																3.69	7860	100000	6.7	3600	2840	850					75600										3.138222	
12	3.899																4.45		80000	7			850					0										3.191211	
13	3.839																4.46		80000	7.1			850					0										3.1007655	
14	3.779																4.43	7400	80000	7	3360	2590	880					18900										2.8466246	
15	3.824										488		3	276		2	4.03	5420	80000	6.2	3320	2640	880					44100	0.30	0.20		9.02					2.7212808		
16	3.469			7.8	8.5				10.8								2.67	7660	100000	5	3580	2890	870					25200				1						2.6685231	
17	3.520																2.4	7810	100000	2.9	3310	2560	870					69300										2.631458	
18	3.355																2.07	9790	100000	3.8	3410	2620	850					75600										2.5272171	
19	3.530																2.13		80000	3.9			850					0										2.6616938	
20	3.433																2.18		80000	4.1			850					0										2.6858459	
21	3.219																2.3	10140	100000	3.9	3200	2490	850					75600										2.4872468	
22	3.369										497		3	270		2	3.07	9510	100000	4.3	3340	2700	850					75600	0.30	0.30		10.1					2.4497778		
23	3.372			7.7	8.3				9.9								2.51	9250	100000	2.6	3410	2650	850					69300				1						2.4998147	
24	3.261																2.03	7680	100000	4.1	3330	2680	870					69300										2.4731627	
25	3.373																2.26	8550	80000	4.2	3200	2640	860					75600										2.3665907	
26	3.342																2.22		80000	5.4			870					0										2.4547694	
27	3.296																2.14		60000	5.8			880					0										2.5036483	
28	3.172																2.08	10100	60000	5.6	3390	2690	880					50400										2.3644011	
29	3.267																2.25	10220	60000	4.6	3200	2700	900					75600											2.3288691
30	3.216																2	8410	60000	5.1	3650	3030	880					43200										2.3299088	
31	3.516																2.51	8040	60000	5.2	3330	3320	900					32400											2.5331156
Tot.	117.63																119.9												1455300										91.47
Avg.	3.794			7.7	8.4				10.3		372		3	223		2	3.867	7901	90322.6	5.032	3502	2798	877.7					46945.2	0.30	0.25	1	8.908					2.951		

RESIDENTIAL
 COMMERCIAL
 INDUSTRIAL

INDUSTRIAL WASTE POPULATION EQUIVALENT
 36137 FLOW
 41418 CBOD
 56058 TSS

Mike Stephenson
 OPERATOR
 9616
 CERT. NO.

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

PLANT TELEPHONE

NAME OF TREATMENT PLANT Floyds Fork

COUNTY Jefferson

Month of: March 2022

Avg. Flow: 3.79

Date	Rainfall	Sludge Disposal	Remarks
		in Gallons	
1	0	63000000	
2	0	25200000	
3	0	75600000	
4	0	50400000	
5	0	0	
6	0.45	0	
7	1.06	37800000	
8	0.13	138600000	
9	0	113400000	
10	0	75600000	
11	0.01	75600000	
12	0	0	
13	0	0	
14	0	18900000	
15	0	44100000	
16	0	25200000	
17	0	69300000	
18	0.02	75600000	
19	0.07	0	
20	0	0	
21	0	75600000	
22	0.03	75600000	
23	0	69300000	
24	0	69300000	
25	0.03	75600000	
26	0	0	
27	0	0	
28	0	50400000	
29	0	75600000	
30	0.1	43200000	
31	0.2	32400000	



KPDES #	Facility ID	Water Quality Treatment Center	Receiving Stream of Treatment Center	Region
KY0102784	MSD0294	FLOYDS FORK	FLOYDS FORK	NA

Facility Type	Facility ID	Facility Address	If Pump Station, Name of Pump Station:	Receiving Stream	Discharge to
SVSewer Valve	103088-V	1201 N POPE LICK RD	FLOYDS FORK	POPE LICK	DITCH

Activity Code / Description	WO #	Ref No	Initiated	Initiated By	Assigned To	Disch Status	Event Date	Problem	Result	Completed	Condition
: DISDW: DRY WEATHER DISCHARGE	3481324		03/09/2022	CATALANO JR	CATALANO JR	QUEUED FOR REPAIR	03/09/2022	MECHANICAL FAILURE	UNAUTHORIZED DISCHARGE-	03/09/22 06:45 PM	

Discharge Reporting:

Discharge Amount:	1,625 GAL
Cause:	MECHANICAL FAILURE OF ARV.
Clean Up:	AREA DISINFECTED WITH LIME.
Control Zone:	PLACED TEMPORARY SIGNS AROUND THE IMPACTED AREA.
Impact:	SEWAGE/DEBRIS/SOLIDS/PERSONAL HYGIENE PRODUCTS FOUND AROUND MANHOLE.
Repair:	REPAIRED THE VALVE AND ISSOLATED THE LEAK, FINAL REPAIRS WILL BE MADE ON FUTURE DATE. WO#3176522.
Public Notification:	PLACED TEMPORARY SIGNS AROUND THE IMPACTED AREA.

Notifications:

3/10/22 1:00 AM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
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KPDES #	Facility ID	Water Quality Treatment Center	Receiving Stream of Treatment Center	Region
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