



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

June 24, 2022

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

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

There were no bypasses or exceedances.

A discharge 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 06/22

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
FFCoverletter052022.pdf	pdf	32814.0
FFMOR052022.pdf	pdf	143215.0
FFDischargeReport052022.pdf	pdf	58794.0

Report Last Saved By

Floyds Fork WQTC MSD

User: WILLIAM.FORD@LOUISVILLEMSD.ORG
 Name: William Ford
 E-Mail: william.ford@louisvillemSD.org
 Date/Time: 2022-06-27 14:07 (Time Zone: -04:00)

Report Last Signed By

User: WILLIAM.FORD@LOUISVILLEMSD.ORG
 Name: William Ford
 E-Mail: william.ford@louisvillemSD.org
 Date/Time: 2022-06-27 14:07 (Time Zone: -04:00)

NAME OF TREATMENT PLANT
 KPDES PERMIT NUMBER

FLOYDS FORK
 KY0102784

COUNTY JEFFERSON
 PLANT CAPACITY 3.5 MGD

MONTH OF: May 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					
		CRIT REMOVED (CUBIC FEET)	SCREENINGS (CUBIC FEET)	pH		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		
				30 MIN.	60 MIN.													GALLONS x 1000	% DRY SOLIDS					% VOLATILE SOLIDS	% DRY SOLIDS	% VOLATILE SOLIDS	WITHDRAWN GALLONS x 1000	GAL/DAY x 1000	MLSS (mg/L) x 1000	MLYSS (mg/L) x 1000						
																															Total Nitrogen				TOTAL FLOW (MILLION GALLONS)	
1	3.442										326		3	320		2	2.04		80000	6.5			750						0	0.30	0.20				10.9	2.5336823
2	3.393			7.7	8.1				10.1								2.08	5890	100000	7.1	3140	3140	790						94500				1		2.4429636	
3	3.509																2.05	5680	100000	7.2	3010	3010	770					69300							2.5502427	
4	3.470																2.17	5790	60000	7	3460	3460	860					81900							2.4278121	
5	3.402																2.1	5590	50000	6.9	3180	3180	770					63000							2.3932307	
6	4.313																2	8530	50000	6.1	3020	3020	700					37800							3.2444742	
7	3.883																2		50000	6.7			720					0							2.862087	
8	3.744										194		3	198		2	2.2		50000	6.1			600					0	0.30	0.20				9.77	2.7348607	
9	3.510			7.5	8.0				9.2								2.41	7030	50000	4.4	3160	3160	800					56700					1		2.5620759	
10	3.382																2.14	7630	80000	4.2	3330	3330	830					100800							2.4697866	
11	3.339																2.12	7700	80000	6.9	3250	3250	780					44100							2.4275086	
12	3.321																2.39	7490	80000	3.4	3310	3310	770					56700							2.4110949	
13	3.184																2.3	6880	100000	6.3	3210	3210	850					63000							2.3267906	
14	3.264																2.31		100000	6			840					0							2.3519838	
15	3.305										224		3	405		2	2.06		60000	5.6			800					0	0.30	0.35	1	11.4		2.4499943		
16	3.497			7.5	8.2				9.6								1.2	9190	60000	3.6	2830	2830	800					94500							2.4944167	
17	3.319																2est	10080	80000	4.1	2990	2990	800					88200							2.379957	
18	3.474																0.598	8970	100000	6.2	3000	3000	830					81900							2.4372928	
19	3.547																2	9600	100000	6.4	2910	2910	770					81900							2.5232947	
20	3.375																1.89	8580	80000	6.1	2880	2880	750					63000							2.4047601	
21	3.373																2est		80000	4.1			800					0							2.3612587	
22	3.463										464		3	380		2	3		80000	3.3			800					0	0.30	0.65		11.5		2.4116127		
23	3.329			7.7	8.3				9.8								1.7	8120	100000	4.4	2960	2960	800					50400					1		2.3037229	
24	3.305																3.68	7930	60000	4.5	2630	2630	820					94500							2.2652104	
25	3.519																3.88	8570	60000	5.3	3070	3070	850					94500							2.4288709	
26	4.158																1	9450	60000	4	2860	2860	830					50400							2.9510159	
27	4.051																1.74	10310		4.9	2830	2830	800					56700							2.9163759	
28	3.823																2.56		60000	5			820					0							2.7991769	
29	3.509																3.96		60000	4.8			810					0							2.4997964	
30	3.459																4.07		60000	4			800					0							2.4702611	
31	3.354																3.9	9070	100000	4.1	3050	3050	880					44100							2.3678551	
Tot.	109.02																67.55											1E+06								78.20
Avg.	3.517			7.6	8.2				9.7		302		3	326		2	2.329	8003.8	74333	5.329	3051	3051	793.2					47352	0.30	0.35	1	10.89		2.523		

RESIDENTIAL COMMERCIAL INDUSTRIAL FLOW CBOD TSS OPERATOR CERT. NO. 9616

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

PLANT TELEPHONE



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
SMHSewer Manhole	117649	13321 SHELBYVILLE RD	FLOYDS FORK	POPE LICK	GROUND

Activity Code / Description	WO #	Ref No	Initiated	Initiated By	Assigned To	Disch Status	Event Date	Problem	Result	Completed	Condition
: DISDW: DRY WEATHER DISCHARGE	3509687		05/05/2022	BIVIN	BIVIN	REPAIRED - ISSUE RESOLVED	05/05/2022	GREASE BLOCKAGE	UNAUTHORIZED DISCHARGE-WATERS	05/05/22 06:37 PM	MAIN

Discharge Reporting:

Discharge Amount:	1 GAL
Cause:	GREASE BLOCKAGE.
Clean Up:	MSD CLEANED AREA.
Control Zone:	MSD COULD NOT ADVISE ANYONE JUST WASHED DOWN AREA.
Impact:	OBSERVED DISCHARGE FROM MH #117649 TO DRAINAGE FF9761.
Repair:	FLUSHED MAIN SEWERS TO CLEAR THE BLOCKAGE.
Public Notification:	COULD NOT CONTACT.

Notifications:

5/6/22 1:00 AM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
----------------	--------	---