



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

March 24, 2022

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

**RE: Floyds Fork WQTC, KPDES No: KY0102784
 Discharge Monitoring Report for February 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 February 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 02/22.

Cc: V. Teague
 B. Tinnell
 M. Saylor

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
FFCoverletter022022.pdf	pdf	37550.0
FFMOR022022.pdf	pdf	191832.0
FFDischargeReport022022.pdf	pdf	67972.0

Report Last Saved By

Floyds Fork WQTC MSD

User: kevin.thompson@louisvillemsd.org
 Name: Kevin Thompson
 E-Mail: kevin.thompson@louisvillemsd.org
 Date/Time: 2022-03-26 08:41 (Time Zone: -04:00)

Report Last Signed By

User: WILLIAM.FORD@LOUISVILLEMSD.ORG
 Name: William Ford
 E-Mail: william.ford@louisvillemsd.org
 Date/Time: 2022-03-28 08:16 (Time Zone: -04:00)

NAME OF TREATMENT PLANT FLOYDS FORK COUNTY JEFFERSON MONTH OF: February 2022
 KPDES PERMIT NUMBER KY0102784 PLANT CAPACITY 3.5 MGD 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	GAL/DAY X 1000	MLSS X 1000	GAL/DAY X 1000	WASTE	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									
																									30 MIN.	60 MIN.	GALLONS X 1000	% DRY SOLIDS	% VOLATILE SOLIDS	% DRY SOLIDS	% VOLATILE SOLIDS	WITHDRAWN GALLONS X 1000												
1	3.052												480		3	201		3	3.77	9640	40000		3	3860	3090	830								37800	0.30	0.20								
2	3.958			7.6	8.4														3.48	10130	40000		2.6	3900	3100	840								88200			1		3.0753112					
3	9.135																	1.67	12550	40000		3.8	3150	2480	700								0					9.1846619						
4	8.649																	2.62	7380	40000		5.8	2880	2320	640								0					6.655549						
5	5.674																	4.92		40000		4.8				670							0					4.3997536						
6	4.736																	4.85		40000		4.5				650							0					3.9719377						
7	4.794																	4.8	6090	65000		4.9	3280	2610	600								18900					3.6412132						
8	4.332												274		3	148		2	3.66	7660	40000		4.1	3060	2440	720							50400	0.30	0.20		7.04	3.3574827						
9	3.957			7.9	8.6													3.58	10340	85000		3.9	3890	3130	880								126000			1		3.2148981						
10	3.729												277		3			3.54	8980	85000		3.9	3760	2980	860								0					3.0816338						
11	3.671																	3	9510	80000		3.6	3750	2930	830								63000					2.9106989						
12	3.606																		3		60000		3.8				800						0					2.8714433						
13	3.504												309		3			3.62		60000		3.9				870						0					2.8680706							
14	3.337																	3.57	8890	75000		3.8	3860	3040	890							0					2.6868439							
15	3.288												449		3	190		2	3.57	8650	75000		4.2	3950	3070	890							144900	0.30	0.20		9.32	2.5881572						
16	3.283			7.8	8.5													3.55	9350	100000		3.5	3940	3110	890								157500			1		2.5296125						
17	7.552																	4.75	9000	100000		2.6	3960	3050	850							0					7.8148918							
18	9.510																	8.31	5090	50000		3.8	2540	2010	600							94500						7.7403569						
19	5.538																	7.31		100000		4.9				800						0						4.5631614						
20	4.900																	5.22		100000		5.2				800						0					3.735							
21	4.210																	5.41	6120	75000		5.8	3790	2990	860							50400					3.29							
22	6.230												223		3	136		2	7.08	6520	100000		4.3	4210	3410	870						50400	0.30	0.20		6.11	5.568							
23	5.797			7.6	8.0													7.46	5660	100000		3.6	3100	2410	850							44100				2		4.79						
24	5.826																	7.8	5180	80000		2.5	3340	2630	850							50400						5.265						
25	9.230																	7.81	6990	65000		5.4	2370	1810	650							37800						7.875						
26	5.891																	7.77		75000		3.5				840						0					4.845							
27	5.039																	7.81		75000		4.7				850						0					4.023							
28	4.724																	5.27	6280	100000		5.1	3840	3000	870							44100						3.434						
29																																												
30																																												
31																																												
Tot.	147.15																																					1058400						
Avg.	5.255			7.7	8.4																																				1	8.22	4.366	

RESIDENTIAL	INDUSTRIAL WASTE POPULATION EQUIVALENT	
COMMERCIAL	50052 43508 69990	
INDUSTRIAL	FLOW CBOD TSS	Michael 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: February 2022

Avg. Flow: 5.26

Date	Rainfall	Sludge Disposal	Remarks
		in Gallons	
1	0	37800000	
2	0.83	88200000	
3	1.25	0	
4	0	0	
5	0	0	
6	0	0	
7	0	18900000	
8	0	50400000	
9	0	126000000	
10	0	0	
11	0	63000000	
12	0	0	
13	0	0	
14	0	0	
15	0	144900000	
16	0	157500000	
17	2.27	0	
18	0	94500000	
19	0	0	
20	0	0	
21	0	50400000	
22	0.96	50400000	
23	0	44100000	
24	1	50400000	
25	0.19	37800000	
26	0	0	
27	0	0	
28	0	44100000	
29		0	
30		0	
31		0	



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	33003	815 TUCKER STATION RD	FLOYDS FORK	POPE LICK	STREAM

Activity Code / Description	WO #	Ref No	Initiated	Initiated By	Assigned To	Disch Status	Event Date	Problem	Result	Completed	Condition
: DISREV: RAIN EVENT DISCHARGE	3475670		02/17/2022	CLAYCOMB	HARRETT	BEYOND APPROVED DESIGN STORM	02/17/2022	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE-WATERS	02/17/22 09:38 PM	

MAIN

Discharge Reporting:

Discharge Amount:	15,100 GAL
Cause:	LACK OF SYSTEM CAPACITY-HEAVY RAIN.
Clean Up:	CREATED DISCLN WO#3475671.
Control Zone:	MSD PLACED CAUTION TAPE AND TEMPORARY SIGNS.
Impact:	OBSERVED SEWAGE AND DEBRIS.
Repair:	A SOLUTION FOR THIS IS INCLUDED IN THE IOAP.
Public Notification:	MSD ADVISED THE CUSTOMER ON SITE.

Notifications:

2/18/22 1:00 AM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
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