



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

March 27, 2023

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

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

There were no bypasses, overflows, 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 02/23

Cc: V. Teague
B. Tinnell

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
FFCoverletter022023.pdf	pdf	35555.0
FFMOR022023.pdf	pdf	174370.0

Report Last Saved By

Floyds Fork WQTC MSD

User: JOSEPH.SMITH@LOUISVILLEMSD.ORG
 Name: Joseph Smith
 E-Mail: joseph.smith@louisvillemmsd.org
 Date/Time: 2023-03-28 10:54 (Time Zone: -04:00)

Report Last Signed By

User: WILLIAM.FORD@LOUISVILLEMSD.ORG
 Name: William Ford
 E-Mail: william.ford@louisvillemmsd.org
 Date/Time: 2023-03-28 13:08 (Time Zone: -04:00)

NAME OF TREATMENT PLANT

FLOYDS FORK

COUNTY JEFFERSON

MONTH OF: February 2023

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			Total Nitrogen	TOTAL FLOW MILLION GALLONS																							
		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 X1000	GAL/DAY X 1000	WASTE D	DISSOLVED OXYGEN (mg/L)	MLSS (mg/L) X 1000	MLVSS (mg/L) X 1000	30 MIN.	60 MIN.	RAW			HAULED			PHOSPHORUS, TOTAL (mg/L)	NH3-N (mg/L)	ECOLI																				
																											% VOLATILE SOLIDS	% DRY SOLIDS	% VOLATILE SOLIDS	% DRY SOLIDS						% VOLATILE SOLIDS	WITHDRAWN GALLONS X 1000																		
1	4.116																4.9	7410	90000		5.5	5.5	2820	600									31.5																						
2	4.124			7.2	7.2												4.92	6960			5	5	3100	700									31.5	0.15	0.20	6				3.0484953															
3	3.628																4.92	6980	90000		3.9	3.9	3100	590									63							2.8554487															
4	3.691																4.92		90000		3.4	3.4		630									63							2.8888047															
5	3.777																4		90000		4.4	4.4		630									0						11	2.9119663															
6	3.551																4.9	7090	90000		5.2	5.2	3460	510									31.5							2.6748147															
7	3.519																4.92	8520	90000		7.6	7.6	3130	450									63							2.5658281															
8	3.486			7.7	8.1												4.94	6070	90000		5.4	5.4	2970	530									63	0.10	0.20					2.577002															
9	3.725																4.97	6870	90000		4.7	4.7	3210	510									63							1	2.8096311														
10	3.490																4.95	6840	80000		5	5	3150	490									63								2.5958817														
11	3.509																4.94		80000		5.5	5.5		500									0								2.6236835														
12	3.451																4.94		80000		6	6		500									0						12.6	2.676868															
13	2.911																4.92	5840	80000		6.4	6.4	2880	550									63								2.512599														
14	3.938																4.94	6340	80000		5.8	5.8	3050	560									63								2.4166205														
15	2.812													563			4.91	4960	80000		5.9	5.9	3030	500									63	0.22	0.20						2.3953629														
16	9.878			7.6	7.9												4.7	8610	80000		4.6	4.6	2940	450									56.7							1	8.5428514														
17	8.256																4.9	7720	80000		8	8	2330	280									63								6.3549852														
18	5.579																4.94		80000		9.41	9.41		360									0								4.328835														
19	5.384																4.91		80000		8.6	8.6		530									0						5.92	3.7479703															
20	5.130																4.8	6560	80000		6	6	2890	520									63								3.3232477														
21	3.358																4.84	8590	80000		3.9	3.9	3100	520									56.7								3.2529211														
22	4.283													196			4.44	9070	80000		3.9	3.9	2990	480									63	0.21	0.20						3.0152538														
23	4.871			7.5	7.9												4	9680	80000		4.1	4.1	3500	560									63							5	3.4541693														
24	3.935																4.88	8040	80000		3.9	3.9	2790	480									63								2.9982984														
25	3.866																4.73		80000		6.1	6.1		450									0								2.9468241														
26	3.873																4.32		25000					410									0							15.6	2.9536793														
27	3.690																4	16640	30000		3.5	3.5	2810	390									63								3.0736613														
28	3.598																3	7200	80000		4.3	4.3	2980	430									56.7								2.7327745														
29																																																							
30																																																							
31																																																							
Tot.	119.43																131.5																													1209.6									91.46
Avg.	4.265			7.5	7.8									345			5	166			4	4.695	7799.5	79074	5.408	5.408	3012	503.9																							2	11.28	3.266		

RESIDENTIAL
COMMERCIAL
INDUSTRIAL

INDUSTRIAL WASTE POPULATION EQUIVALENT

40622

34683

58399

Mike Stephenson

9616

FLOW

CBOD

TSS

OPERATOR

CERT. NO.

TOTAL NUMBER OF SEWER CONNECTIONS

SEWER CONNECTIONS

0

X

4

=

0

SEWERED POPULATION

502-540-6000

PLANT TELEPHONE

NAME OF TREATMENT PLANT Floyds Fork

COUNTY Jefferson

Month of: February 2023

Avg. Flow: 4.27

		Sludge Disposal	
Date	Rainfall	in Gallons	Remarks
1	0	31500	
2	0	31500	
3	0	63000	
4	0	63000	
5	0	0	
6	0	31500	
7	0.05	63000	
8	0.01	63000	
9	0.1	63000	
10	0	63000	
11	0	0	
12	0	0	
13	0	63000	
14	0.03	63000	
15	0	63000	
16	1.75	56700	
17	0	63000	
18	0	0	
19	0	0	
20	0	63000	
21	0	56700	
22	0.44	63000	
23	0	63000	
24	0	63000	
25	0	0	
26	0	0	
27	0.11	63000	
28	0	56700	
29		0	
30		0	
31		0	