



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

April 27, 2023

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

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

There were no bypasses, overflows, or exceedances.

Additionally, the 1st Quarter Biomonitoring for 2023 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 03/23

Cc: V. Teague
B. Tinnell

81011	Solids, suspended percent removal	K - Percent Removal	0	--	Sample	=	98.0						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
FFCoverletter032023.pdf	pdf	34812.0
FFMOR032023.pdf	pdf	139777.0

Report Last Saved By

Floyds Fork WQTC MSD

User: WILLIAM.FORD@LOUISVILLEMSD.ORG
 Name: William Ford
 E-Mail: william.ford@louisvillemmsd.org
 Date/Time: 2023-04-28 08:36 (Time Zone: -04:00)

Report Last Signed By

User: WILLIAM.FORD@LOUISVILLEMSD.ORG
 Name: William Ford
 E-Mail: william.ford@louisvillemmsd.org
 Date/Time: 2023-04-28 12:12 (Time Zone: -04:00)

DMR Copy of Record

Permit		Permittee:		Facility:					
Permit #:	KY0102784	Floyds Fork WQTC MSD	Floyds Fork WQTC MSD	Floyds Fork WQTC MSD	FLOYDS FORK WQTC MSD				
Major:	Yes	Permittee Address:	700 W Liberty St Louisville, KY 40203	Facility Location:	1100 BLUE HERON RD LOUISVILLE, KY 40245				
Permitted Feature:	001 External Outfall	Discharge:	001-2 TOXICITY						
Report Dates & Status									
Monitoring Period:	From 01/01/23 to 03/31/23	DMR Due Date:	04/28/23	Status:	NetDMR Validated				
Considerations for Form Completion									
THREE 24-HOUR COMPOSITE SAMPLES ONE EACH COLLECTED EVERY OTHER DAY FOR A PERIOD OF 5 DAYS; IE - DAYS 1, 3 & 5									
Principal Executive Officer									
First Name:	James A.	Title:	Executive Director	Telephone:	502-540-6000				
Last Name:	Parrot								
No Data Indicator (NODI)									
Form NODI:	--								
Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading	Quality or Concentration	# of Ex.	Frequency of Analysis	Sample Type
					Qualifier 1 Value 1 Qualifier 2 Value 2 Units	Qualifier 1 Value 1 Qualifier 2 Value 2 Qualifier 3 Value 3 Units			
61406	Toxicity, final conc toxicity units	1 - Effluent Gross	0	--		<= 1.0 2G - tox chronic	0	01/90 - Quarterly	24 - COMP24
						<= 1.0 MAXIMUM 2G - tox chronic		01/90 - Quarterly	24 - COMP24
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									
No attachments.									
Report Last Saved By									
Floyds Fork WQTC MSD									
User:	WILLIAM.FORD@LOUISVILLEMSD.ORG								
Name:	William Ford								
E-Mail:	william.ford@louisvillemsd.org								
Date/Time:	2023-04-28 08:37 (Time Zone: -04:00)								
Report Last Signed By									
User:	WILLIAM.FORD@LOUISVILLEMSD.ORG								
Name:	William Ford								
E-Mail:	william.ford@louisvillemsd.org								
Date/Time:	2023-04-28 12:12 (Time Zone: -04:00)								

NAME OF TREATMENT PLANT FLOYDS FORK
 KPDES PERMIT NUMBER KY0102784

COUNTY JEFFERSON
 PLANT CAPACITY 3.5 MGD

MONTH OF: March 2023
 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 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
																								30 MIN.	60 MIN.	GALLONS X 1000	% DRY SOLIDS	% VOLATILE SOLIDS	% DRY SOLIDS	% VOLATILE SOLIDS	WITHDRAWN GALLONS X 1000					
1	3.399										835	7	366			4	4	6260	80000	7.2	4420	3710	320								56.7	0.30	0.27			2.6488318
2	3.395			7.2	8.0				7.2							4	4		80000	5.6	3640	2910	380								63			6		3.5840106
3	10.922															4.92	8920	80000	6.8	2670	2140	300								50.4					10.404277	
4	9.986															4.95		80000	7.3			220							0					7.8395944		
5	6.697															5.01		80000	7.7			250							0				7.23	5.0615625		
6	5.896															4.94	7430	100000	6.7	4120	3290	490								63					4.5021596	
7	4.378															4	7480	100000	6.2	4130	3310	500								63					3.3425674	
8	4.173										190	4	197			4	8820	90000	4.7	4730	3780	370							63	0.30	0.20			3.0675993		
9	3.916			7.3	8.1				7.0							4.94	6680	90000	6.7	3780	3030	380								63				2	2.9798698	
10	4.033															4.94	7760	100000	5.6	3610	3370	480								63					2.9631279	
11	3.771															4.94		80000	5.8			500							0					2.8784454		
12	3.955															4.94		80000	5.5			500							0					2.9230149		
13	3.734															5	6260	100000	4.2	3600	2750	500								63					2.7336016	
14	3.384															4.84	6790	100000	5	3390	2620	410								56.7					2.5996227	
15	3.327										174	7	171			4.94	5400	80000	5.5	3890	3150	480							63	0.31	0.20			2.5471237		
16	3.423			7.3	7.8				7.0							4.95	5960	80000	4.8	3680	2900	460								31.5				1	2.4883256	
17	3.864															4.94	6470	80000	6.2	3150	2390	450								56.7					2.8471296	
18	3.796															4.94		80000	4.4			490							0					2.8273325		
19	3.654															4.94		80000	4			520							0				11.3	2.7801032		
20	3.507															4.75	5960	80000	4.6	3890	3120	510								63					2.5458636	
21	2.879															4.92	6080	80000	6.4	4090	3240	480								63					2.4661663	
22	4.216										270	6	202			4.91	4950	80000	4.8	3320	2730	410								63	0.39	0.37			2.5960984	
23	3.545			7.6	8.0				11.4							5	6250	80000	3.3	4110	3230	450								63					1	2.5350349
24	8.613															4.56	8710	100000	3.2	3930	3080	490								63					7.2009592	
25	12.726															4.27		80000	10.1			300							0					10.442258		
26	7.531															4.37		80000	6.8			350							0				6.48	5.2165303		
27	5.204															4	6190	80000	7.1	3140	2500	370								63					3.9430354	
28	5.437															4	6940	80000	9.2	3640	2890	480								44.1					3.4030306	
29	4.252															4	8140	80000	7.3	3770	3070	460								44.1					3.164501	
30	4.051															4	8410	80000	7	3500	2920	480								44.1					2.9879851	
31	5.398															4.32	9200	80000	7.1	3710	3330	540								44.1					3.9803014	
Tot.	157.06															143.2														1310.4						121.50
Avg.	5.066			7.3	8.0				8.2		367	6	234			4.62	7048	84516.1	6.026	3735	3020	429.7							42.271	0.33	0.26	2	8.337	3.919		

RESIDENTIAL
 COMMERCIAL
 INDUSTRIAL

INDUSTRIAL WASTE POPULATION EQUIVALENT
 FLOW 48252
 CBOD 58161
 TSS 73894

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