



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

July 25, 2024

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

**RE: Floyds Fork WQTC, KPDES No: KY0102784
Discharge Monitoring Report for June 2024.**

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 June 2024.

There were no bypasses, discharges, or exceedances.

Also attached is 2nd quarter biomonitoring

If you have any questions concerning the attached DMR's, please contact me at (502)540-6952.

Sincerely,

William Ford
Process Supervisor-Operations

WF/ Floyds Fork 07/24

Cc: V. Teague
B. Tinnel

					Value NODI													
80082	BOD, carbonaceous [5 day, 20 C]	1 - Effluent Gross	0	--	Sample = 76.0	= 92.0	26 - lb/d		= 3.0	= 3.0	19 - mg/L	0	01/07 - Weekly	CP - COMPOS				
					Permit Req. <= 325.0 MO AVG	<= 488.0 MX WK AV	26 - lb/d		<= 6.0 MO AVG	<= 9.0 MX WK AV	19 - mg/L		01/07 - Weekly	24 - COMP24				
					Value NODI													
80082	BOD, carbonaceous [5 day, 20 C]	G - Raw Sewage Influent	0	--	Sample = 135.0	= 170.0			Req Mon MO AVG	Req Mon MX WK AV	19 - mg/L	0	01/07 - Weekly	CP - COMPOS				
					Permit Req.						19 - mg/L		01/07 - Weekly	24 - COMP24				
					Value NODI													
80091	BOD, carb-5 day, 20 deg C, percent removal	K - Percent Removal	0	--	Sample = 98.0						23 - %	0	01/30 - Monthly	CA - CALCTD				
					Permit Req. >= 85.0 MO AV MN						23 - %		01/30 - Monthly	CA - CALCTD				
					Value NODI													
81011	Solids, suspended percent removal	K - Percent Removal	0	--	Sample = 98.0						23 - %	0	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
FFCoverletter062024.pdf	pdf	28379.0
FFMOR062024.pdf	pdf	196234.0

Report Last Saved By

Floyds Fork WQTC MSD

User: WILLIAM.FORD@LOUISVILLEMSD.ORG
Name: William Ford
E-Mail: william.ford@louisvillemsd.org
Date/Time: 2024-07-25 11:33 (Time Zone: -04:00)

Report Last Signed By

User: WILLIAM.FORD@LOUISVILLEMSD.ORG
Name: William Ford
E-Mail: william.ford@louisvillemsd.org
Date/Time: 2024-07-25 14:50 (Time Zone: -04:00)

EPA may make all the information submitted through this form (including all attachments) available to the public without further notice to you. Do not use this online form to submit personal information (e.g., non-business cell phone number or non-business email address), confidential business information (CBI), or if you intend to assert a CBI claim on any of the submitted information. Pursuant to 40 CFR 2.203(a), EPA is providing you with notice that all CBI claims must be asserted at the time of submission. EPA cannot accommodate a late CBI claim to cover previously submitted information because efforts to protect the information are not administratively practicable since it may already be disclosed to the public. Although we do not foresee a need for persons to assert a claim of CBI based on the types of information requested in this form, if persons wish to assert a CBI claim we direct submitters to contact the [NPDES eReporting Help Desk](#) for further guidance. Please note that EPA may contact you after you submit this report for more information.

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Permit																			
Permit #:		KY0102784				Permittee:		Floyds Fork WQTC MSD				Facility:		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 04/01/24 to 06/30/24				DMR Due Date:		07/28/24				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				Title:		Executive Director				Telephone:		502-540-6000					
Last Name:		Parrott																	
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	--	Sample						<	1.0		2G - tox chronic	0	01/90 - Quarterly	24 - COMP24		
					Permit Req.						<=	1.0 MAXIMUM		2G - tox chronic		01/90 - Quarterly	24 - COMP24		
					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																			
No attachments.																			
Report Last Saved By																			
Floyds Fork WQTC MSD																			
User:		staci.huber@louisvillemsd.org																	
Name:		Staci Huber																	
E-Mail:		staci.huber@louisvillemsd.org																	
Date/Time:		2024-07-16 08:06 (Time Zone: -04:00)																	
Report Last Signed By																			
User:		WILLIAM.FORD@LOUISVILLEMSD.ORG																	
Name:		William Ford																	
E-Mail:		william.ford@louisvillemsd.org																	
Date/Time:		2024-07-25 14:54 (Time Zone: -04:00)																	

NAME OF TREATMENT PLANT FLOYDS FORK COUNTY JEFFERSON MONTH OF: June 2024
 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	RETURN		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	Total Nitrogen	TOTAL FLOW (MILLION GALLONS)			
																		GAL/DAY x 1000	MLSS x 1000					GAL/DAY x 1000	30 MIN.	60 MIN.	GALLONS x 1000	% DRY SOLIDS	% VOLATILE SOLIDS	% DRY SOLIDS	% VOLATILE SOLIDS						WITHDRAWN GALLONS x 1000		
1	3.659																1.71	90000	3.89				530															2.7824161	
2	3.847																1.16	90000	2.37				540															2.9116979	
3	3.690			7.3	8.2				9.4		210		4	125		3	1.64	6950	#####	3.8	2970	2540	550									100800	0.50	0.68	2	11.4	2.8684819		
4	3.781			7.3													1.66	5045	80000	5.4	2120	1770	510														2.8327363		
5	3.848			7.0													1.17	5790	80000	5.5	2440	1940	460														2.8603952		
6	3.778			7.1													1.31	5030	80000	4.9	2600	2400	450															2.8788016	
7	3.473			7.2													1.64	5580	80000	4.3	2780	2370	550															2.6438589	
8	3.526																1.61		80000				500															2.7061386	
9	3.518																0.85		80000				480															2.7468367	
10	3.373			7.1	7.6				7.5		104		3	115		2	0.76	6700	80000	2.4	3140	2740	530									138600	0.45	0.29	1	12.9	2.6434927		
11	3.241			6.3													0.68	5080	80000	4.8	2890	2490	470															2.5555263	
12	3.155			6.5													0.67	5340	80000	4.4	2940	2530	510															2.4912519	
13	3.115			7.2													0.74	4520	80000	4.1	2960	2460	480															2.505677	
14	3.088			7.3													0.7	6040	#####	3.8	3110	2660	510																2.4793949
15	3.155																0.57		80000	4.8			470															2.4966869	
16	3.144																0.831		80000	5.3			400															2.5231974	
17	3.174			7.2	7.6				8.6		262		3	170		3	1.29	5330	80000	3	2770	2350	500										113400	0.20	0.34	4	14.2	2.5265248	
18	3.200			7.3													1.3	5900	#####	3.3	2950	2450	470															2.481951	
19	3.052																1.28		#####	4.1			460															2.6286492	
20	3.183			7.3													1.04	5930	#####	4	2810	2510	490															2.8941653	
21	3.385			7.4													1.04	8420	80000	3.9	2930	2420	480															2.8466754	
22	2.964																0.352		80000	3.6			430															2.8730822	
23	3.137																0.795		80000	3.3			420															2.9325931	
24	3.007			7.3	7.8				12.0		128		3	129		3	0.795	6200	80000	4.7	2920	2561	460															2.8902617	
25	3.104			7.3													0.838	5710	80000	4.8	3320	2800	400															2.8299332	
26	4.047			7.2													1.08	6150	60000	5.5	2780	2300	410															3.9758372	
27	5.634			7.5													1.26	3890	80000	4.5	2490	2080	370															4.357542	
28	3.722			7.4													2.6	5560	80000	4	3040	2510	380															3.1168122	
29	3.363																2.21		80000	2.3			450															2.8524175	
30	3.315																2.13		80000	2.4			400															2.7774341	
31																																							
Tot.	103.68																35.71																					84.91	
Avg.	3.456			7.2	7.8				9.4		176		3	135		3	1.19	5746	83333	4.041	2840	2415	468.7														2.830		

RESIDENTIAL 32913 INDUSTRIAL WASTE POPULATION EQUIVALENT 24156
 COMMERCIAL 22846 FLOW CBOD TSS
 INDUSTRIAL OPERATOR Mike Stephenson CERT. NO. 9616
 (502) 540-6000
 PLANT TELEPHONE

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

NAME OF TREATMENT PLANT Floyds Fork

COUNTY Jefferson

Month of: June 2024

Avg. Flow: 3.46

Date	Rainfall	Sludge Disposal in Gallons	Remarks
1	0.15	90000	
2	0.36	90000	
3	0	100000	
4	0.04	80000	
5	0.21	80000	
6	0.01	80000	
7	0	80000	
8	0	80000	
9	0	80000	
10	0	80000	
11	0	80000	
12	0	80000	
13	0	80000	
14	0	100000	
15	0	80000	
16	0	80000	
17	0.01	80000	
18	0	100000	
19	0	100000	
20	0	100000	
21	0	80000	
22	0	80000	
23	0.03	80000	
24	0	80000	
25	0.37	80000	
26	1.7	60000	
27	0	80000	
28	0	80000	
29	0	80000	
30	0	80000	
31		0	