



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

February 27, 2025

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

**RE: Floyds Fork WQTC, KPDES No: KY0102784
Discharge Monitoring Report for January 2025.**

Dear Ms. Dennis:

Attached are the Discharge Monitoring Report (DMR) and the Monthly Operator Report (MOR) for the Floyds Fork WQTC, for the month of January 2025.

There were no exceedances, overflows or bypasses.

If you have any questions concerning the attached DMR's, please contact me at (502)587-5858.

Sincerely,

A handwritten signature in black ink, appearing to read 'Curt Otto'. The signature is fluid and cursive, with a large loop at the end.

Curt Otto
Process Supervisor

CO/ Floyds Fork 1/25.

Cc: V. Teague
K. Robinson
M. Saylor

NAME OF TREATMENT PLANT FLOYDS FORK COUNTY JEFFERSON MONTH OF: January 2025
 KPDES PERMIT NUMBER KY0102784 PLANT CAPACITY 3.5 MGD RECEIVING STREAM FLOYDS FORK

DATE	TOTAL FLOW (MILLION GALLONS)	RAW SEWAGE		pH		SETTLEABLE 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	RETURN		WASTED	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				
																		GAL/DAY x 1000	MLSS x1000					GAL/DAY x 1000	30 MIN.	60 MIN.	GALLONS x 1000	% DRY SOLIDS	% VOLATILE SOLIDS	% DRY SOLIDS	% VOLATILE SOLIDS				WITHDRAWN GALLONS x 1000			
1	5.228																	3.21		80000	7.3			800								0					4.218	
2	4.473			7.5	8.4					13.0		623		3	285		3	2.36	6300	60000	9.2	3270	2600	750							63000	0.20	0.24	1	6.42	3.836199		
3	4.026			7.7														2.4	5790	60000	6.8	3210	2730	600							63000						3.5363717	
4	3.830																	2.35		60000	7.4			610								56700						3.4455292
5	3.829																	2.33		60000	5.4			600								0					3.3232429	
6	3.884			7.5														2.33		60000	6.1			720								0					3.4156148	
7	3.939			7.6														2.41	5590	60000	6.3	2930	2430	670								0					3.4661858	
8	4.431			7.6														2.21	6300	60000	6.4	3190	2760	600								0					3.5092049	
9	4.025			7.4	8.2					13.6		453		5	256		4	2.14	9680	90000	5.9	4140	3390	870								12606	0.32	0.46	1	10.9	3.4727504	
10	3.796			7.6														2.12	9830	50000	5.6	3760	3290	850								63000						3.3129666
11	3.853																	2.06		50000	3.9			850								0					3.42293	
12	4.111																	2.04		50000	4.8			880								0					3.6666629	
13	4.290			7.7														2.03	10300	100000	5.52	3970	3370	830								44100						3.8942683
14	4.222			7.6														2.1	9920	100000	6.3	3510	2990	840								63000						3.8238814
15	3.901			7.6														2.05	9710	100000	6.92	4640	3480	800								63000						3.5664892
16	3.900			7.6	8.4					10.3		280		3	228		2	2.04	8830	100000	6.4	3290	2920	850								75600	0.20	0.43	1	9.84	3.4449594	
17	4.118			7.5														2	8740	80000	6.8	3370	2350	800								75600						3.627219
18	6.429																	2.59		60000	8			700								0					6.9900556	
19	7.060																	2.84		60000	9.8			500								0					6.2350292	
20	6.010			7.6														2.6	6460	60000	7.1	3340	2900	720								75600						4.8559403
21	5.227			7.4														2.8	6500	75600	6.4	3740	3140	830								75600						4.060154
22	4.275			7.6														2.5	5780	80000	7.8	3140	2650	790								81900						3.7498825
23	4.027			7.5	8.4					13.3		446		4	267		2	2.6	7580	60000	6.4	3210	2820	840								88200	0.20	0.65	1	9.81	3.487088	
24	3.614			7.6														2.66	8600	60000	6	3640	3140	620								88200						3.2495494
25	4.221																	2.03		60000	4.8			820								0					3.2490656	
26	3.662																	1.7		0	4.3			820								0					3.2464762	
27	3.478			7.5														1.9	9730	60000	3.3	3390	2930	850								88200						3.1075399
28	3.478			7.8														1.9	9020	60000	3.6	3590	3140	870								56700						3.0156367
29	3.478			7.6														2	8990	80000	3.5	3400	2980	850								88200						3.0707235
30	4.040			7.5														2	9340	80000	4.3	3640	3250	850								75600						3.8893015
31	10.288			7.6														3.72		80000	6.8			460								75600						9.879632
Tot.	139.14																	72.02														1373406						123.07
Avg.	4.488			7.6	8.4					12.6		451		4	259		3	2.323	8149.5	67600	6.101	3519	2963	756.1								44303.4	0.23	0.45	1	9.243	3.970	

RESIDENTIAL
COMMERCIAL
INDUSTRIAL

INDUSTRIAL WASTE POPULATION EQUIVALENT

42747
FLOW

57031
CBOD

80304
TSS

Mike Stephenson
OPERATOR

9616
CERT. NO.

TOTAL NUMBER OF SEWER CONNECTIONS

SEWER CONNECTIONS 0 X 4 = 0 SEWERED POPULATION

(502)540-6000

PLANT TELEPHONE

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.

This collection of information is approved by OMB under the Paperwork Reduction Act, 44 U.S.C. 3501 et seq. (OMB Control No. 2040-0004). Responses to this collection of information are mandatory in accordance with this permit and EPA NPDES regulations 40 CFR 122.41(l)(4)(i). An agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a currently valid OMB control number. The public reporting and recordkeeping burden for this collection of information are estimated to average 2 hours per outfall. Send comments on the Agency's need for this information, the accuracy of the provided burden estimates and any suggested methods for minimizing respondent burden to the Regulatory Support Division Director, U.S. Environmental Protection Agency (2821T), 1200 Pennsylvania Ave., NW, Washington, D.C. 20460. Include the OMB control number in any correspondence. Do not send the completed form to this address.

Permit

Permit #:

KY0102784

Major:

Yes

Permitted Feature:

001
External Outfall

Permittee:

Floyds Fork WQTC MSD

Permittee Address:

700 W Liberty St
Louisville, KY 40203

Discharge:

001-1
MUNICIPAL DISCHARGE

Facility:

FLOYDS FORK WQTC MSD

Facility Location:

1100 BLUE HERON RD
LOUISVILLE, KY 40245

Report Dates & Status

Monitoring Period:

From 01/01/25 to 01/31/25

DMR Due Date:

02/28/25

Status:

NetDMR Validated

Considerations for Form Completion

Principal Executive Officer

First Name:

James

Last Name:

Parrott

Title:

Executive Director

Telephone:

502-540-6000

No Data Indicator (NODI)

Form NODI:

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Parameter		Monitoring Location	Season #	Param. NODI		Quantity or Loading					Quality or Concentration							# of Ex.	Frequency of Analysis	Sample Type
Code	Name					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units			
00300	Oxygen, dissolved [DO]	1 - Effluent Gross	0	--	Sample						=	10.0					19 - mg/L	0	01/07 - Weekly	GR - Grab
					Permit Req.						>=	7.0 INST MIN					19 - mg/L			
					Value NODI															
00400	pH	1 - Effluent Gross	0	--	Sample						=	8.2			=	8.4	12 - SU	0	01/07 - Weekly	GR - Grab
					Permit Req.						>=	6.0 MINIMUM			<=	9.0 MAXIMUM	12 - SU			
					Value NODI															
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample	=	128.0	=	168.0	26 - lb/d			=	4.0	=	5.0	19 - mg/L	0	01/07 - Weekly	CP - Composite
					Permit Req.	<=	1626.0 MO AVG	<=	2439.0 MX WK AV	26 - lb/d			<=	30.0 MO AVG	<=	45.0 MX WK AV	19 - mg/L			
					Value NODI															
00530	Solids, total suspended	G - Raw Sewage Influent	0	--	Sample								=	451.0	=	623.0	19 - mg/L	0	01/07 - Weekly	CP - Composite
					Permit Req.									Req Mon MO AVG		Req Mon MX WK AV	19 - mg/L			
					Value NODI															
00600	Nitrogen, total [as N]	1 - Effluent Gross	0	--	Sample								=	9.0	=	11.0	19 - mg/L	0	01/07 - Weekly	CP - Composite
					Permit Req.									Req Mon MO AVG		Req Mon MX WK AV	19 - mg/L			
					Value NODI															
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	2	--	Sample	=	15.1	=	21.8	26 - lb/d			=	0.4	=	0.7	19 - mg/L	0	01/07 - Weekly	CP - Composite
					Permit Req.	<=	163.0 MO AVG	<=	244.0 MX WK AV	26 - lb/d			<=	3.0 MO AVG	<=	4.5 MX WK AV	19 - mg/L			
					Value NODI															
00665	Phosphorus, total [as P]	1 - Effluent Gross	0	--	Sample	=	7.9	=	10.7	26 - lb/d			=	0.2	=	0.3	19 - mg/L	0	01/07 - Weekly	CP - Composite
					Permit Req.	<=	27.1 MO AVG	<=	40.7 MX WK AV	26 - lb/d			<=	0.5 MO AVG	<=	0.75 MX WK AV	19 - mg/L			
					Value NODI															
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	4.488	=	5.235	03 - MGD								0	99/99 - Continuous	CN - Continuous
					Permit Req.		Req Mon MO AVG		Req Mon MX WK AV	03 - MGD										
					Value NODI															
50050	Flow, in conduit or thru treatment plant	G - Raw Sewage Influent	0	--	Sample	=	3.97	=	4.683	03 - MGD								0	99/99 - Continuous	CN - Continuous
					Permit Req.		Req Mon MO AVG		Req Mon MX WK AV	03 - MGD										
					Value NODI															
51040	E. coli	1 - Effluent Gross	0	--	Sample								=	1.0	=	1.0	13 - #/100mL	0	01/07 - Weekly	GR - Grab
					Permit Req.								<=	130.0 30DA GEO	<=	240.0 7 DA GEO	13 - #/100mL			

					Value NODI															
80082	BOD, carbonaceous [5 day, 20 C]	1 - Effluent Gross	0	--	Sample	=	95.0	=	134.0	26 - lb/d			=	3.0	=	4.0	19 - mg/L	0	01/07 - Weekly	CP - Composite
					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 - 24 Hour Composite
					Value NODI															
80082	BOD, carbonaceous [5 day, 20 C]	G - Raw Sewage Influent	0	--	Sample								=	259.0	=	285.0	19 - mg/L	0	01/07 - Weekly	CP - Composite
					Permit Req.									Req Mon MO AVG		Req Mon MX WK AV	19 - mg/L		01/07 - Weekly	24 - 24 Hour Composite
					Value NODI															
80091	BOD, carb-5 day, 20 deg C, percent removal	K - Percent Removal	0	--	Sample						=	99.0					23 - %	0	01/30 - Monthly	CA - Calculated
					Permit Req.						>=	85.0 MO AV MN					23 - %		01/30 - Monthly	CA - Calculated
					Value NODI															
81011	Solids, suspended percent removal	K - Percent Removal	0	--	Sample						=	99.0					23 - %	0	01/30 - Monthly	CA - Calculated
					Permit Req.						>=	85.0 MO AV MN					23 - %		01/30 - Monthly	CA - Calculated
					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
FFMOR012025.pdf	pdf	76248.0
FloydsForkCoverLetterJAN25.pdf	pdf	36544.0

Report Last Saved By

Floyds Fork WQTC MSD

User: CURT.OTTO@LOUISVILLEMSD.ORG

Name: Curt Otto

E-Mail: curt.otto@louisvillemSD.org

Date/Time: 2025-02-27 11:02 (Time Zone: -05:00)

Report Last Signed By

User: CURT.OTTO@LOUISVILLEMSD.ORG

Name: Curt Otto

E-Mail: curt.otto@louisvillemSD.org

Date/Time: 2025-02-27 11:02 (Time Zone: -05:00)