



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

July 15th, 2021

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

**RE: Floyds Fork WQTC, KPDES No: KY0102784
Discharge Monitoring Report for June 2021.**

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 June 2021.

Also Attached is the Second Quarter Biomonitoring

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,

Joseph Shaun Smith
Process Supervisor

JSS/ Floyds Fork 06/21.

Cc: V. Teague
R. Shaw

DMR Copy of Record

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 04/01/21 to 06/30/21			DMR Due Date:		07/28/21				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:		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 Permit Req. Value NODI											<	1.0	2G - tox chronic		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:		JOSEPH.SMITH@LOUISVILLEMSD.ORG																			
Name:		Joseph Smith																			
E-Mail:		joseph.smith@louisvillemSD.org																			
Date/Time:		2021-07-15 09:55 (Time Zone: -04:00)																			
Report Last Signed By																					
User:		JOSEPH.SMITH@LOUISVILLEMSD.ORG																			
Name:		Joseph Smith																			
E-Mail:		joseph.smith@louisvillemSD.org																			
Date/Time:		2021-07-16 09:42 (Time Zone: -04:00)																			

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 - %	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
FFMOR0621.pdf	pdf	141045.0
FFCoverletter0621.pdf	pdf	37659.0

Report Last Saved By

Floyds Fork WQTC MSD

User: JOSEPH.SMITH@LOUISVILLEMSD.ORG
 Name: Joseph Smith
 E-Mail: joseph.smith@louisvillemmsd.org
 Date/Time: 2021-07-15 13:47 (Time Zone: -04:00)

Report Last Signed By

User: JOSEPH.SMITH@LOUISVILLEMSD.ORG
 Name: Joseph Smith
 E-Mail: joseph.smith@louisvillemmsd.org
 Date/Time: 2021-07-16 09:42 (Time Zone: -04:00)

NAME OF TREATMENT PLANT FLOYDS FORK COUNTY JEFFERSON MONTH OF: June 2021
 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			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		WASTE	DISOLVED 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 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	3.179										436		6	175			5	1	4990	60000	2.7	2060	1750	190												15.9	2.2875187		
2	4.916			7.5	8.8				8.9								1	7400	60000	2.7	2190	1870	200												1	3.701643			
3	5.982																2	6470	60000	3.1	2030	1710	200													5.4575133			
4	5.299																4	4820	65000	4.6	2040	1740	200													4.0637946			
5	3.890																4		50000	4.3			200													3.0741198			
6	3.852																4		30000	2.6			200													2.9046097			
7	4.899																4	4540	65000	2.1	2240	2110	220													3.7173626			
8	4.625										280		4	143			4	4220	65000	3.9	2210	1860	220										0.20	9.67	3.4833133				
9	5.320			7.6	8.1				8.6								4	4860	70000	4.2	2250	1860	220												1	4.1035023			
10	4.555																4	4380	85000	4.6	2240	1850	240										0.30				3.5316882		
11	4.297																4	4570	65000	3.8	2120	1730	230														3.3089738		
12	3.793																2		65000	4.7			220														2.9104707		
13	4.315																2		57200	4.3			230														2.7542474		
14	3.544																2	5530	65000	2.4	2410	2070	240														2.54825		
15	3.337										429		5	192			2	4400	65000	4.1	2160	1860	240										0.30	0.20	13.5	2.4332185			
16	3.359			7.6	8.6				8.9								2	4820	65000	2.9	2230	1840	220													2	2.3857291		
17	3.438																2	4620	65000	3.4	2130	1860	210														2.3300407		
18	3.213																2	8720	65000	2.8	2220	1860	250														2.2863276		
19	3.193																2		65000	3.2			240														2.260807		
20	3.302																2		65000	2.9			230														2.3194084		
21	3.390																2	5850	65000	2.6	2460	2030	250															2.32	
22	3.206										170		5	148			2	5570	65000	3.0	2270	1870	250											0.30	0.25	13.7	2.2803688		
23	3.136			7.4	8.4				8.6								1	4500	65000	3.8	2210	1890	250													5	2.2352417		
24	3.152																2	4910	70000	4.6	2270	1900	240															2.1970758	
25	3.191																2	4460	65000	4.7	2160	1750	240															2.1823409	
26	3.105																2		65000	4.4			240														2.1967168		
27	3.224																2		65000	3.9			230														2.2492113		
28	3.229																2	4240	65000	4.1	2080	1750	240															2.1875615	
29	3.102																2	4970	60000	4.0	2200	1850	260															2.1686571	
30	3.201																2	4590	60000	3.6	2410	2000	260															2.2308612	
31																																							
Tot.	114.25																70.02																					84.11	
Avg.	3.808			7.5	8.5				8.8		329		5	165			4	2.334	5156	63240	3.6	2209	1864	228.7											0.30	0.22	2	13.19	2.804

RESIDENTIAL FLOW 36269
 COMMERCIAL CBOD 30733
 INDUSTRIAL TSS 49720
 OPERATOR Michael Stephenson
 CERT. NO. 36033

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

502-540-6000
 PLANT TELEPHONE