



*Louisville and Jefferson County Metropolitan Sewer District  
700 West Liberty Street  
Louisville Kentucky 40203-1911  
502-540-6000  
www.msdlouky.org*

July 14, 2015

Cheryl Edwards  
DMR Coordinator  
200 Fair Oaks Lane  
Frankfort, Kentucky 40601

**RE: Floyds Fork WQTC, KPDES No: KY0102784  
Discharge Monitoring Report for June 2015.**

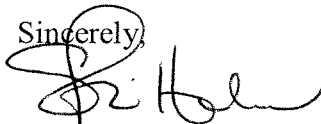
Dear Ms. Edwards:

Attached are the Discharge Monitoring Report (DMR) and the Monthly Operator Report (MOR) for the Floyds Fork WQTC for the month of June 2015.

There were no exceedances, bypasses or overflow's to report.

Also attached are 2<sup>nd</sup> quarter Biomonitoring DMR's.

If you have any questions concerning the attached DMR's, please contact me at (502) 715-2789

Sincerely,  


Staci Huber  
Process Supervisor of Metro Operations

SH/ Floyds Fork 06/15

Enclosures

cc: T. Singleton  
R. Shaw



*Beneficial Use of Louisville's Biosolids  
www.louisvillegreen.com*

**DMR Copy of Record**

<b>Permit</b>			
<b>Permit #:</b>	<b>KY0102784</b>	<b>Permittee:</b>	FLOYDS FORK WQTC MSD
<b>Major:</b>	Yes	<b>Permittee Address:</b>	1100 BLUE HERRON RD LOUISVILLE, KY 40245
<b>Permitted Feature:</b>	001 External Outfall	<b>Discharge:</b>	<b>001-1</b> MUNICIPAL DISCHARGE
<b>Facility:</b>	FLOYDS FORK WQTC MSD	<b>Facility Location:</b>	1100 BLUE HERRON RD LOUISVILLE, KY 40245

<b>Report Dates &amp; Status</b>			
<b>Monitoring Period:</b>	<b>From 06/01/15 to 06/30/15</b>	<b>DMR Due Date:</b>	<b>07/28/15</b>
<b>Status:</b>	<b>NetDMR Validated</b>		

**Considerations for Form Completion**

<b>Principal Executive Officer</b>			
<b>First Name:</b>	Greg	<b>Title:</b>	Executive Director
<b>Last Name:</b>	Heitzman	<b>Telephone:</b>	502-540-6000

**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
00300	Oxygen, dissolved [DO]	1 - Effluent Gross	0	--	Sample	=	8									19 - mg/L	0	01/01 - Daily 03/07 - Three Per Week	GR - GRAB GR - GRAB
					Permit Req.	>=	7 INST MIN								19 - mg/L				
					Value NODI														
00400	pH	1 - Effluent Gross	0	--	Sample	=	7.7				=	8.2			12 - SU	0	01/01 - Daily 03/07 - Three Per Week	GR - GRAB GR - GRAB	
					Permit Req.	>=	6 MINIMUM			<=	9 MAXIMUM			12 - SU					
					Value NODI														
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample	=	29	=	33	26 - lb/d	=	1	=	2	19 - mg/L	0	03/07 - Three Per Week 03/07 - Three Per Week	CP - COMPOS CP - COMPOS	
					Permit Req.	<=	813 MO AVG	<=	1220 MX WK AV	26 - lb/d	<=	30 MO AVG	<=	45 MX WK AV	19 - mg/L				
					Value NODI														
00530	Solids, total suspended	G - Raw Sewage Influent	0	--	Sample	=	9510	=	10888	26 - lb/d	=	451	=	533	19 - mg/L	0	03/07 - Three Per Week 03/07 - Three Per Week	CP - COMPOS CP - COMPOS	
					Permit Req.		Req Mon MO AVG		Req Mon MX WK AV	26 - lb/d		Req Mon MO AVG		Req Mon MX WK AV	19 - mg/L				
					Value NODI														
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	1	--	Sample	=	4	=	5	26 - lb/d	=	0.2	=	0.2	19 - mg/L	0	03/07 - Three Per Week 03/07 - Three Per Week	CP - COMPOS CP - COMPOS	
					Permit Req.	<=	54 MO AVG	<=	81 MX WK AV	26 - lb/d	<=	2 MO AVG	<=	3 MX WK AV	19 - mg/L				
					Value NODI														
00610	Nitrogen, ammonia total [as N]	G - Raw Sewage Influent	0	--	Sample	=	436	=	449	26 - lb/d	=	21	=	23	19 - mg/L	0	03/07 - Three Per Week 03/07 - Three Per Week	CP - COMPOS CP - COMPOS	
					Permit Req.		Req Mon MO AVG		Req Mon MX WK AV	26 - lb/d		Req Mon MO AVG		Req Mon MX WK AV	19 - mg/L				
					Value NODI														
00665	Phosphorus, total [as P]	1 - Effluent Gross	0	--	Sample	=		=			=	0.1	=	0.2	19 - mg/L	0	03/07 - Three Per Week 03/07 - Three Per Week	CP - COMPOS CP - COMPOS	
					Permit Req.					<=	1 MO AVG	<=	1.5 MX WK AV	19 - mg/L					
					Value NODI														
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	2.85	=	4.99	03 - MGD						0	99/99 - Continuous 99/99 - Continuous	CN - CONTIN CN - CONTIN	
					Permit Req.		Req Mon MO AVG		Req Mon DAILY MX	03 - MGD									
					Value NODI														
74055	Coliform, fecal general	1 - Effluent Gross	0	--	Sample	=		=			=	2	=	3	13 - #/100mL	0	03/07 - Three Per Week 03/07 - Three Per Week	GR - GRAB GR - GRAB	
					Permit Req.					<=	200 30DA GEO	<=	400 7 DA GEO	13 - #/100mL					
					Value NODI														
80082	BOD, carbonaceous [5 day, 20 C]	1 - Effluent Gross	0	--	Sample	=	63	=	69	26 - lb/d	=	3	=	3	19 - mg/L	0	03/07 - Three Per Week 03/07 - Three Per Week	CP - COMPOS CP - COMPOS	
					Permit Req.	<=	271 MO AVG	<=	407 MX WK AV	26 - lb/d	<=	10 MO AVG	<=	15 MX WK AV	19 - mg/L				
					Value NODI														
80082	BOD, carbonaceous [5 day, 20 C]	G - Raw Sewage Influent	0	--	Sample	=	5520	=	6598	26 - lb/d	=	262	=	338	19 - mg/L	0	03/07 - Three Per Week 03/07 - Three Per Week	CP - COMPOS CP - COMPOS	
					Permit Req.		Req Mon MO AVG		Req Mon MX WK AV	26 - lb/d		Req Mon MO AVG		Req Mon MX WK AV	19 - mg/L				
					Value NODI														
80091	BOD, carb-5 day, 20 deg C, percent removal	K - Percent Removal	0	--	Sample	=	99							23 - %	0	01/30 - Monthly 01/30 - Monthly	CA - CALCTD CA - CALCTD		
					Permit Req.	>=	85 MO MIN						23 - %						
					Value NODI														
81011	Solids, suspended percent removal	K - Percent Removal	0	--	Sample	=	100							23 - %	0	01/30 - Monthly 01/30 - Monthly	CA - CALCTD CA - CALCTD		
					Permit Req.	>=	85 MO MIN						23 - %						
					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
floydsfork_MOR_201506.pdf	pdf	126567
floydsfork_coverletter_201506.pdf	pdf	44202

**Report Last Saved By**

**FLOYDS FORK WQTC MSD**

User:	kevin.ries@louisvillemsd.org	Date/Time:	2015-07-24 11:01 (Time Zone: -04:00)
Name:	Kevin Ries		
E-Mail:	kevin.ries@louisvillemsd.org		

**DMR Copy of Record**

<b>Permit</b>					
Permit #:	KY0102784	Permittee:	FLOYDS FORK WQTC MSD	Facility:	FLOYDS FORK WQTC MSD
Major:	Yes	Permittee Address:	1100 BLUE HERRON RD LOUISVILLE, KY 40245	Facility Location:	1100 BLUE HERRON RD LOUISVILLE, KY 40245
Permitted Feature:	001 External Outfall	Discharge:	001-Y QUARTERLY METALS/BIOMONITORING		

<b>Report Dates &amp; Status</b>					
Monitoring Period:	From 04/01/15 to 06/30/15	DMR Due Date:	07/28/15	Status:	NetDMR Validated

**Considerations for Form Completion**

<b>Principal Executive Officer</b>					
First Name:	Greg	Title:	Executive Director	Telephone:	502-540-6000
Last Name:	Heitzman				

**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		
00900	Hardness, total [as CaCO3]	1 - Effluent Gross	0	--	Sample						=	237		=	237	19 - mg/L	01/90 - Quarterly	CP - COMPOS			
					Permit Req.													01/30 - Monthly	CP - COMPOS		
					Value NODI																
01094	Zinc, total recoverable	1 - Effluent Gross	0	--	Sample						<	0.039		<	0.039	19 - mg/L	01/90 - Quarterly	CP - COMPOS			
					Permit Req.													01/90 - Quarterly	CP - COMPOS		
					Value NODI																
01113	Cadmium, total recoverable	1 - Effluent Gross	0	--	Sample						<	0.0005		<	0.0005	19 - mg/L	01/90 - Quarterly	CP - COMPOS			
					Permit Req.													01/90 - Quarterly	CP - COMPOS		
					Value NODI																
01114	Lead, total recoverable	1 - Effluent Gross	0	--	Sample						<	0.001		<	0.001	19 - mg/L	01/90 - Quarterly	CP - COMPOS			
					Permit Req.													01/30 - Monthly	CP - COMPOS		
					Value NODI																
01119	Copper, total recoverable	1 - Effluent Gross	0	--	Sample						<	0.001		<	0.001	19 - mg/L	01/90 - Quarterly	CP - COMPOS			
					Permit Req.													01/90 - Quarterly	CP - COMPOS		
					Value NODI																
61406	Toxicity, final conc toxicity units	1 - Effluent Gross	0	--	Sample									<	1	2G - tox chronic	01/90 - Quarterly	CP - COMPOS			
					Permit Req.											<=	1 DAILY MX	2G - tox chronic	0	01/90 - Quarterly	CP - COMPOS
					Value NODI																

**Submission Note**  
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**Edit Check Errors**  
No errors.

**Comments**

**Attachments**  
No attachments.

**Report Last Saved By**  
FLOYDS FORK WQTC MSD

User:	kevin.ries@louisvillemtd.org	Date/Time:	2015-07-24 10:55 (Time Zone: -04:00)
Name:	Kevin Ries		
E-Mail:	kevin.ries@louisvillemtd.org		

NAME OF TREATMENT PLANT FLOYDS FORK

COUNTY JEFFERSON

MONTH OF: June 2015

KPDES PERMIT NUMBER KY0102784

PLANT CAPACITY 3.5 MGD

RECEIVING STREAM FLOYDS FORK

Table with columns: DATE, TOTAL FLOW (MILLION GALLONS), RAW SEWAGE (GRIT REMOVED, SCREENINGS), pH (RAW, FINAL), SETTLEABLE SOLIDS (mg/L) (RAW, PRIMARY EFFLUENT, FINAL EFFLUENT), DISSOLVED OXYGEN (mg/L) (STREAM ABOVE, FINAL EFFLUENT, STREAM BELOW), SUSPENDED SOLIDS (mg/L) (RAW, PRIMARY EFFLUENT, FINAL EFFLUENT), 5 DAY CBOD (mg/L) (RAW, PRIMARY EFFLUENT, FINAL EFFLUENT), ACTIVATED SLUDGE (RETURN: GAL/DAY X 1000, MLSS X 1000, WASTED: GAL/DAY X 1000), AERATION BASIN (DISSOLVED OXYGEN, MLSS, MLVSS, 30 MIN, 60 MIN), SLUDGE HANDLING (GALLONS, % DRY SOLIDS, % VOLATILE SOLIDS, RAW, HAULED), FINAL (PHOSPHORUS, NH3-N, FECAL COLIFORM).

RESIDENTIAL COMMERCIAL INDUSTRIAL

INDUSTRIAL WASTE POPULATION EQUIVALENT  
27143 FLOW, 36621 CBOD, 51029 TSS

Randolph P. Kustes Jr.

14555

TOTAL NUMBER OF SEWER CONNECTIONS

SEWER CONNECTIONS 0 X 4 = 0 SEWERED POPULATION

502-540-6000

PLANT TELEPHONE