

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



September 18, 2012

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

**RE: Floyds Fork WQTC, KPDES No: KY0102784
Discharge Monitoring Report for August of 2012**

Dear Ms. Edwards:

Attached are the Discharge Monitoring Reports (DMRs) and the Monthly Operator Report (MOR) for the Floyds Fork WQTC for the month of August 2012.

There were no exceedences, bypasses or overflows to report.

If you have any questions concerning the attached DMR's, please contact me at (502) 587-5832

Sincerely,

A handwritten signature in black ink that reads "Richard Mills". The signature is written in a cursive style with a large, prominent "R" and "M".

Richard Mills
Process Supervisor of Metro Operations.

RM/ Floyds Fork 08/12

Enclosures

cc: T. Singleton
R. Shaw



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

PERMITTEE NAME/ADDRESS (Include

Facility Name/Location if different)

NAME FLOYDS FORK WQTC MSD

ADDRESS C/O CEDAR CREEK WQTC

8405 CEDAR CREEK RD

LOUISVILLE KY 40211

FACILITY FLOYDS FORK WQTC MSD

KENTUCKY POLLUTANT DISCHARGE ELIMINATION SYSTEM (KPDES)

DISCHARGE MONITORING REPORT (DMR)

KY0102784

PERMIT NUMBER

001 1

DISCHARGE NUMBER

MAJOR
(SUBR LV)

F - FINAL

JEFFE

MUNICIPAL DISCHARGE

EFFLUENT

[] No Discharge

LOCATION LOUISVILLE KY 40245

ATTN: DENNIS THOMASSON SR. METRO OPS

MONITORING PERIOD

YEAR	MO	DAY	TO	YEAR	MO	DAY
12	08	01		12	08	31

NOTE: Read instructions before completing this form

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
OXYGEN, DISSOLVED (DO)	SAMPLE	*****	*****	***	7	*****	*****	(19)	0	1/1	GR
00300 1 0 0	MEASUREMENT			***				MG/L			
EFFLUENT GROSS VALUE	PERMIT	*****	*****	***	7	*****	*****	(19)		THREE/	GRAB
PH	MEASUREMENT			***	INST MIN			MG/L		WEEK	
00400 1 0 0	SAMPLE	*****	*****	***	7.5	*****	8.0	(12)	0	1/1	GR
EFFLUENT GROSS VALUE	MEASUREMENT			***				SU			
00530 1 0 0	PERMIT	*****	*****	***	6.0	*****	9.0	(12)		THREE/	GRAB
RAW SEW/INFLUENT	MEASUREMENT			***	MINIMUM		MAXIMUM	SU		WEEK	
SOLIDS, TOTAL SUSPENDED	SAMPLE	7783	11907	(26)	*****	385	564	(19)	0	3/7	CP
00530 G 0 0	MEASUREMENT			LBS/DY				MG/L			
RAW SEW/INFLUENT	PERMIT	REPORT	REPORT	(26)	*****	REPORT	REPORT	(19)		THREE/	COMPOS
SOLIDS, TOTAL SUSPENDED	MEASUREMENT	MO AVG	MX WK AV	LBS/DY		MO AVG	MX WK AV	MG/L		WEEK	
00530 1 0 0	SAMPLE	42	46	(26)	*****	2	2	(19)	0	3/7	CP
EFFLUENT GROSS VALUE	MEASUREMENT			LBS/DY				MG/L			
NITROGEN, AMMONIA TOTAL (AS N)	PERMIT	813	1220	(26)	*****	30	45	(19)		THREE/	COMPOS
00610 G 0 0	MEASUREMENT	MO AVG	MX WK AV	LBS/DY		MO AVG	MX WK AV	MG/L		WEEK	
RAW SEW/INFLUENT	SAMPLE	490	512	(26)	*****	24	26	(19)	0	3/7	CP
NITROGEN, AMMONIA TOTAL (AS N)	MEASUREMENT			LBS/DY				MG/L			
00610 1 1 0	PERMIT	REPORT	REPORT	(26)	*****	REPORT	REPORT	(19)		THREE/	COMPOS
EFFLUENT GROSS VALUE	MEASUREMENT	MO AVG	MX WK AV	LBS/DY		MO AVG	MX WK AV	MG/L		WEEK	
PHOSPHORUS, TOTAL (AS P)	SAMPLE	7	7	(26)	*****	0.3	0.3	(19)	0	3/7	CP
00665 1 0 0	MEASUREMENT			LBS/DY				MG/L			
EFFLUENT GROSS VALUE	PERMIT	54	81	(26)	*****	2	3	(19)		THREE/	COMPOS
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	MEASUREMENT	MO AVG	MX WK AV	LBS/DY		MO AVG	MX WK AV	MG/L		WEEK	
Greg C. Heitzman	SAMPLE	*****	*****	****	*****	0.4	0.7	(19)	0	3/7	CP
Interim Executive Director	MEASUREMENT	*****	*****	****				MG/L			
TYPED OR PRINTED	PERMIT	*****	*****	****	*****	1.0	1.5	(19)		THREE/	COMPOS
	MEASUREMENT	*****	*****	****		MO AVG	MX WK AV	MG/L		WEEK	
I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 U.S.C. 1001 AND 33 U.S.C. 1319. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.					SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT		TELEPHONE		DATE		
					Richard Mills		502 540-6000		12 09 13		
							AREA CODE NUMBER		YEAR MO DAY		

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

PERMITTEE NAME/ADDRESS (include

Facility Name/Location if different)

NAME FLOYDS FORK WQTC MSD

ADDRESS C/O CEDAR CREEK WQTC

8405 CEDAR CREEK RD

LOUISVILLE KY 40211

FACILITY FLOYDS FORK WQTC MSD

LOCATION LOUISVILLE KY 40245

ATTN: DENNIS THOMASSON SR. METRO OPS

KENTUCKY POLLUTANT DISCHARGE ELIMINATION SYSTEM (KPDES)

DISCHARGE MONITORING REPORT (DMR)

KY0102784

PERMIT NUMBER

001 1

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MAJOR
(SUBR LV)

F - FINAL

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[] No Discharge

MONITORING PERIOD

YEAR	MO	DAY	TO	YEAR	MO	DAY
12	08	01		12	08	31

NOTE: Read instructions before completing this form

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
FLOW, IN CONDUIT OR THRU TREATMENT PLANT 50050 1 0 0	SAMPLE MEASUREMENT	2.41	2.91	(03) MGD	*****	*****	*****	***	0	CN	CN
EFFLUENT GROSS VALUE	PERMIT MEASUREMENT	REPORT MO AVG	REPORT DAILY MX	(03) MGD	*****	*****	*****	***		CONTIN UOUS	CONTIN
COLIFORM, FECAL GENERAL 74055 1 0 0	SAMPLE MEASUREMENT	*****	*****	***	*****	3	3	(13) 100ML	0	3/7	GR
EFFLUENT GROSS VALUE	PERMIT MEASUREMENT	*****	*****	***	*****	200 30DA GEO	400 7 DA GEO	(13) 100ML		THREE/ WEEK	GRAB
BOD, CARBONACEOUS 05 DAY, 20C 80082 G 0 0	SAMPLE MEASUREMENT	3516	5765	(26) LBS/DY	*****	174	276	(19) MG/L	0	3/7	CP
RAW SEW/INFLUENT	PERMIT MEASUREMENT	REPORT MO AVG	REPORT MX WK AV	(26) LBS/DY	*****	REPORT MO AVG	REPORT MX WK AV	(19) MG/L		THREE/ WEEK	COMPOS
BOD, CARBONACEOUS 05 DAY, 20C 80082 1 0 0	SAMPLE MEASUREMENT	40	42	(26) LBS/DY	*****	2	2	(19) MG/L	0	3/7	CP
EFFLUENT GROSS VALUE	PERMIT MEASUREMENT	271 MO AVG	407 MX WK AV	(26) LBS/DY	*****	10 MO AVG	15 MX WK AV	(19) MG/L		THREE/ WEEK	COMPOS
BOD, CARB 5-DAY, 20 DEG C, PERCENT REMVL 80091 K 0 0	SAMPLE MEASUREMENT	*****	*****	***	99	*****	*****	(23) CENT	0	1/31	CA
PERCENTREMOVAL	PERMIT MEASUREMENT	*****	*****	***	85 MO MIN	*****	*****	(23) CENT		ONCE/ MONTH	CALCTD
SOLIDS, SUSPENDED PERCENT REMOVAL 81011 K 0 0	SAMPLE MEASUREMENT	*****	*****	***	99	*****	*****	(23) CENT	0	1/31	CA
PERCENTREMOVAL	PERMIT MEASUREMENT	*****	*****	***	85 MO MIN	*****	*****	(23) CENT		ONCE/ MONTH	CALCTD
	SAMPLE MEASUREMENT										
	PERMIT MEASUREMENT										
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT, SEE 18 U.S.C. 1001 AND 33 U.S.C. 1319. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.					TELEPHONE		DATE			
Greg C. Heitzman Interim Executive Director						502 540-6000		12 09 17			
TYPED OR PRINTED						NUMBER		DAY			
COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)					SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT		AREA CODE				

NAME OF TREATMENT PLANT FLOYDS FORK
 KPDES PERMIT NUMBER KY0102784

COUNTY JEFFERSON

MONTH OF: August 2012
 RECEIVING STREAM FLOYDS FORK

PLANT CAPACITY 3.5 MGD

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		WASTED	DISSOLVED OXYGEN (mg/L)	MLSS (mg/L) X 1000	MLVSS (mg/L) X 1000	SETTLED SLUDGE VOLUME 30 MIN.	30 MIN.	RAW		HAULED			PHOSPHORUS, TOTAL (mg/L)	NH3-N (mg/L)	FECAL COLIFORM (COLONIES/100ML)		
																			GAL/DAY X 1000	MLSS X 1000							GAL/DAY X 1000	GALLONS X 1000	% DRY SOLIDS	% VOLATILE SOLIDS	% DRY SOLIDS				% VOLATILE SOLIDS	WITHDRAWN GALLONS X 1000
1	2.498	2.48	2.48		7.7						8.2		616			2	277		2	0.833	5.05	57.3	4.7	2.75	2.2	300		2.175					84.8	0.51	0.45	
2	2.379	2.48	2.48		7.5						7.4		544			2	346		2	0.795	6.03	46	5	2.64	1.92	290		1.809					48	0.58	0.20	
3	2.678	2.48	2.48		7.8						8.0								1.005	4.77	57.8	5.4	2.62	1.88	290		2.103					48.6				
4	2.769	2.48	2.48		7.7						8.0								1	5.99	46	4.8	2.7	1.67	290		2.263					0				
5	2.726	2.48	2.48		7.7						8.1		532			2	205		2	1.1	4.7	52	4.9	2.37	1.9	270		2.424					0	1.09	0.28	
6	2.622	2.48	2.48		7.7						7.9								1.09	5.74	47.3	5.4	2.65	1.95	290		1.947					48.6				
7	2.517	2.48	2.48		7.7						8.0								1.28	4.86	53	4.5	2.57	1.84	290		1.779					12				
8	2.402	2.48	2.48		7.7						8.0		360			3	180		2	1.06	7.37	35	5.7	2.34	1.87	250		1.683					0	0.49	0.34	
9	2.399	2.48	2.48		7.7						8.2		372			2	166		2	0.323	7.78	35	4.5	2.54	1.83	250		1.665					111.5	0.48	0.39	
10	2.257	2.48	2.48		7.6						8.1								0.312	6.69	40	4.1	2.46	1.87	250		1.617					12.6				
11	2.224	2.48	2.48		7.6						8.0								0.419	7.62	36	4.2	2.53	1.96	250		1.611					0				
12	2.264	2.48	2.48		7.7						7.9		404			2	168		2	0.457	6.1	47	4.4	2.7	1.85	250		1.665					0	0.54	0.28	
13	2.38	2.48	2.48		7.8						8.0								0.466	6.93	38	2.9	2.42	1.86	260		1.719					12				
14	2.27	2.48	2.48		7.7						8.1								0.503	6.39	42	2.8	2.51	1.71	250		1.809					0				
15	2.33	2.48	2.48		8.0						8.0		314			2	154		2	0.478	6.15	41.9	2.3	2.45	1.71	250		1.752					90.5	0.26	0.34	
16	2.38	2.48	2.48		8.0						8.3		276			2	149		2	0.449	8.12	38	3.3	2.77	1.94	250		1.773					86.1	0.10	0.28	
17	2.91	2.48	2.48		8.0						8.4								0.622	8.95	38	2.7	2.86	1.99	250		2.136					0				
18	2.56	2.48	2.48		7.9						8.8								0.562	4.64	55.3	4.6	2.57	1.79	250		1.938					0				
19	2.52	2.48	2.48		7.9						8.3		316			2	121		2	0.471	5.16	53.5	4.7	2.76	1.89	250		1.911					0	0.14	0.34	
20	2.47	2.48	2.48		7.6						8.5								1.09	4.9	52	4.1	2.61	1.82	240		1.947					0				
21	2.30	2.48	2.48		7.7						8.3								0.977	7.64	35	4.2	2.57	1.77	230		1.968					0				
22	2.36	2.48	2.48		7.8						8.5		282			2	101		2	1.07	4.18	61	2.7	2.55	1.79	240		1.791					116.5	0.30	0.28	
23	2.26	2.48	2.48		7.9						8.4		302			2	98		2	1.03	5.72	42	3.4	2.41	1.68	210		2.055					68.7	0.34	0.28	
24	2.22	2.48	2.48		7.5						8.3								0.996	8.51	30	2.3	2.64	1.86	220		2.357					0				
25	2.29	2.48	2.48		7.9						9.2								0.9999	8.84	30	3.4	2.48	1.77	250		2.385					0				
26	2.36	2.48	2.48		8.0						9.4		300			2	125		2	1.11	7	35	3.9	2.34	1.68	240		2.36					0	0.42	0.39	
27	2.40	2.48	2.48		8.0						8.2								0.303	10.11	25	1	2.48	1.78	210		2.49					0				
28	2.49	2.48	2.48		7.8						8.3								0.112	6.32	40	3.5	2.49	1.8	220		2.492					0				
29	2.48	2.48	2.48		7.7						8.4								0.599	70.7	32	3.7	2.25	1.61	210		1.644					67				
30	2.32	2.48	2.48		7.8						8.3								0.484	5.44	47	3.5	2.55	1.84	220		1.644					66				
31	1.55	2.48			7.5						8.5								0.211	7.81	28	3.4	2.09	1.8	210		1.593					48.3				
Tot.	74.61	76.88	74.4																22.2069																	
Avg.	2.41	2.48	2.48		7.8						8.3		385			2	174		2	0.71635	8.5874	42.45	3.874	2.538	1.833	249.4		1.95177					29.716	0.44	0.32	

RESIDENTIAL
COMMERCIAL
INDUSTRIAL

INDUSTRIAL WASTE POPULATION EQUIVALENT

22921
FLOW

20564
CBOD

36782
TSS

Randolph P. Kustos Jr.
OPERATOR

14555
CERT. NO.

TOTAL NUMBER OF SEWER CONNECTIONS

SEWER CONNECTIONS 0 X 4 = 0 SEWERED POPULATION

502-253-9310
PLANT TELEPHONE