



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

November 11, 2011

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

**RE: Floyds Fork WQTC, KPDES No: KY0102784
Discharge Monitoring Report for Oct. 2011**

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 Oct. 2011.

There were no exceedences, bypasses or overflows to report this month.

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

Sincerely,

A handwritten signature in cursive script that reads "Richard Mills".

Richard Mills
Process Supervisor of Metro Operations.

RM/ Floyds Fork 10.11

Enclosures

cc: C. Roth (DOW Louisville)
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
11	10	01		11	10	31

NOTE: Read instructions before completing this form

PARAMETER	X	QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
OXYGEN, DISSOLVED (DO) 00300 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	***	8	*****	*****	(19) MG/L	0	1/1	GR
	PERMIT MEASUREMENT	*****	*****	***	7 INST MIN	*****	*****	(19) MG/L		THREE/WEEK	GRAB
PH 00400 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	***	6.9	*****	8.9	(12) SU	0	1/1	GR
	PERMIT MEASUREMENT	*****	*****	***	6.0 MINIMUM	*****	9.0 MAXIMUM	(12) SU		THREE/WEEK	GRAB
SOLIDS, TOTAL SUSPENDED 00530 G 0 0 RAW SEW/INFLUENT	SAMPLE MEASUREMENT	6919	11826	(26) LBS/DY	*****	317	547	(19) MG/L	0	3/7	CP
	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
SOLIDS, TOTAL SUSPENDED 00530 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	46	48	(26) LBS/DY	*****	2	2	(19) MG/L	0	3/7	CP
	PERMIT MEASUREMENT	813 MO AVG	1220 MX WK AV	(26) LBS/DY	*****	30 MO AVG	45 MX WK AV	(19) MG/L		THREE/WEEK	COMPOS
NITROGEN, AMMONIA TOTAL (AS N) 00610 G 0 0 RAW SEW/INFLUENT	SAMPLE MEASUREMENT	484	541	(26) LBS/DY	*****	22	25	(19) MG/L	0	3/7	CP
	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
NITROGEN, AMMONIA TOTAL (AS N) 00610 1 1 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	6	8	(26) LBS/DY	*****	0.3	0.3	(19) MG/L	0	3/7	CP
	PERMIT MEASUREMENT	54 MO AVG	81 MX WK AV	(26) LBS/DY	*****	2 MO AVG	3 MX WK AV	(19) MG/L		THREE/WEEK	COMPOS
PHOSPHORUS, TOTAL (AS P) 00665 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	****	*****	0.2	0.4	(19) MG/L	0	3/7	CP
	PERMIT MEASUREMENT	*****	*****	****	*****	1.0 MO AVG	1.5 MX WK AV	(19) MG/L		THREE/WEEK	COMPOS

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
 H J SCHARDEIN
 EXECUTIVE DIRECTOR
 TYPED OR PRINTED

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.

Richard Mills
 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE		DATE		
502	540-6000	11	11	18
AREA CODE	NUMBER	YEAR	MO	DAY

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

KENTUCKY POLLUTANT DISCHARGE ELIMINATION SYSTEM (KPDES)
DISCHARGE MONITORING REPORT (DMR)

NAME FLOYDS FORK WQTC MSD
ADDRESS C/O CEDAR CREEK WQTC
8405 CEDAR CREEK RD
LOUISVILLE KY 40211
FACILITY FLOYDS FORK WQTC MSD

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
11	10	01		11	10	31

NOTE: Read instructions before completing this form

PARAMETER	MEASUREMENT	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 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	2.84	5.16	(03) MGD	*****	*****	*****	***	0	CN	CN
	PERMIT MEASUREMENT	REPORT MO AVG	REPORT DAILY MX	(03) MGD	*****	*****	*****	***		CONTINUOUS	CONTIN
COLIFORM, FECAL GENERAL 74055 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	***	*****	4	5	(13) 100ML	0	3/7	GR
	PERMIT MEASUREMENT	*****	*****	***	*****	200 30DA GEO	400 7 DA GEO	(13) 100ML		THREE/WEEK	GRAB
BOD, CARBONACEOUS 05 DAY, 20C 80082 G 0 0 RAW SEW/INFLUENT	SAMPLE MEASUREMENT	3276	4812	(26) LBS/DY	*****	150	224	(19) MG/L	0	3/7	CP
	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 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	44	46	(26) LBS/DY	*****	2	2	(19) MG/L	0	3/7	CP
	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 PERCENTREMOVAL	SAMPLE MEASUREMENT	*****	*****	***	99	*****	*****	(23) CENT	0	1/31	CA
	PERMIT MEASUREMENT	*****	*****	***	85 MO MIN	*****	*****	(23) CENT		ONCE/MONTH	CALCTD
SOLIDS, SUSPENDED PERCENT REMOVAL 81011 K 0 0 PERCENTREMOVAL	SAMPLE MEASUREMENT	*****	*****	***	99	*****	*****	(23) CENT	0	1/31	CA
	PERMIT MEASUREMENT	*****	*****	***	85 MO MIN	*****	*****	(23) CENT		ONCE/MONTH	CALCTD
	SAMPLE MEASUREMENT										
	PERMIT MEASUREMENT										
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER H J SCHARDEIN EXECUTIVE DIRECTOR	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 502 540-6000		DATE 11 11 18			
TYPED OR PRINTED	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT <i>Richard Mills</i>					AREA CODE	NUMBER	YEAR	MO	DAY	

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

NAME OF TREATMENT PLANT FLOYDS FORK
 KPDES PERMIT NUMBER KY0102784

COUNTY JEFFERSON
 PLANT CAPACITY 3.5 MGD

MONTH OF: October 2011
 RECEIVING STREAM FLOYDS FORK

DATE	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 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	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)	FECAL COLIFORM (COLONIES/100ML)		
																		GAL/DAY X 1000	MLSS K1000					GAL/DAY X 1000	30 MIN.	50 MIN.	GALLONS X 1000	% DRY SOLIDS	% VOLATILE SOLIDS				% DRY SOLIDS	% VOLATILE SOLIDS
1	2.779	2.48	2.48	7.6	8.0					9.0								0.973	5.46	42	2.9	2.32	1.66	250		1.44								
2	2.790	2.48	2.48	8.2	8.9					9.0				206		2	101		1.08	4.95	48	3.2	2.46	1.76	250		1.49				0	0.38	0.06	4
3	2.676	2.48	2.48	8.5	8.8					9.0				242		2	119		1.44	3.65	52.8	2.7	2.35	1.7	250		1.4				56.7	0.37	0.28	4
4	2.595	2.48	2.48	7.1	7.4					9.0				198		2	116		1.47	3.77	42	2.9	2.25	1.62	250		1.31				88.2	0.40	0.45	4
5	3.107	2.48	2.48	7.5	7.8					9.0								0.99	3.56	50.4	2.5	2.4	1.74	250		1.31				86				
6	2.764	2.48	2.48	7.3	7.6					9.0								1	5.77	38	3.1	2.25	1.64	240		1.32				100.8				
7	1.611	2.48	2.48	7.5	7.5					9.0								1.14	4.58	0	3.1	2.229	1.39	250		1.24				18.9				
8	2.446	2.48	2.48	7.3	7.4					8.0								1.08	4.12	50	3	2.14	1.6	230		1.28				0				
9	2.494	2.48	2.48	7.5	7.6					9.0				250		3	119		1.26	5.43	40	2.9	2.27	1.72	250		1.27			0	0.20	0.34	4	
10	2.490	2.48	2.48	6.9	7.6					9.0				216		2	111		1.4	2.75	50	2.2	2.19	1.6	250		1.25			0	0.18	0.34	4	
11	2.475	2.48	2.48	6.9	7.5					9.0				272		2	148		1.46	3.44	40	2.6	2.3	1.76	260		1.2			0	0.18	0.06	4	
12	2.499	2.48	2.48	7.4	8.0					9.0								1.33	3.79	50	3.5	2.04	1.42	250		1.2				81.1				
13	2.742	2.48	2.48	7.3	8.0					8.0								1.12	3.68	55	2.2	2.25	1.68	250		1.47				113.4				
14	2.721	2.48	2.48	7.5	7.8					9.0								1.21	5.83	40	1.9	2.51	1.88	250		1.39				37.8				
15	2.638	2.48	2.48	7.3	8.1					9.0								1.16	3.77	63	3	2.56	1.96	250		1.33				0				
16	2.607	2.48	2.48	7.5	8.1					9.0				1020		2	296		1.19	4.11	60	3.2	2.48	1.85	250		1.37			0	0.19	0.22	4	
17	2.592	2.48	2.48	7.3	7.7					9.0				365		2	156		1.15	5.22	50	3.9	2.73	2.03	250		1.33			0	0.15	0.28	4	
18	2.533	2.48	2.48	7.6	7.8					9.0				256		2	219		1.16	4.39	55	3.4	2.38	1.76	280		1.34			75.6	0.15	0.28	4	
19	2.615	2.48	2.48	7.8	8.0					9.0								1.11	3.98	55	3.3	2.52	1.87	250		1.37			67.1	0.15	0.34	4		
20	3.806	2.48	2.48	7.6	7.7					9.0								1.26	5.55	42	3.6	2.34	1.77	250		2.13			62.2					
21	3.158	2.48	2.48	7.5	7.9					9.0								1.32	5.12	48	4.9	2.48	1.87	250		1.7			68.5					
22	2.894	2.48	2.48	7.6	7.8					9.0								1.27	6.21	40	4.6	2.48	1.87	290		1.55			0					
23	2.940	2.48	2.48	7.5	7.8					9.0				204		2	96		1.35	4.81	45	3.3	2.37	1.81	280		1.53			0	0.26	0.67	4	
24	2.748	2.48	2.48	6.8	6.9					9.0				270		2	167		1.1	4.16	55	3.3	2.47	1.9	250		1.45			60.6	0.21	0.28	4	
25	2.580	2.48	2.48	7.8	8.3					9.0				306		2	155		1.03	5.41	45	2.9	2.53	1.94	280		1.38			63	0.21	0.06	10	
26	2.685	2.48	2.48	7.6	8.0					9.0								0.99	5.11	48	2.1	2.53	1.91	260		1.4			63					
27	5.161	2.48	2.48	7.6	8.0					9.0								1.24	11.3	25	2.1	2.26	1.74	250		2.97			88.2					
28	3.661	2.48	2.48	7.7	8.0					9.0								1.4	6.36	38	4.6	2.47	1.9	260		2.04			61.3					
29	3.205	2.48	2.48	7.5	7.9					9.0								1.12	6.13	38	4.8	2.45	1.83	280		1.76			11.5					
30	3.064	2.48	2.48	7.6	7.9					9.0								1.23	5.3	45	4.6	2.57	1.97	280		1.65			0					
31	2.874	2.48	2.48	7.7	8.4					9.0								1.23	4.29	55	3.9	2.48	1.88	270		1.54			42.5					
Tot.	87.95	76.88	76.88															37.263									46.41			1322				
Avg.	2.837	2.48	2.48	7.5	7.9					8.9				317		2	150		2	1.20203	4.903	45.33	3.232	2.389	1.775	256.8		1.497			42.65	0.24	0.28	4

RESIDENTIAL
 COMMERCIAL
 INDUSTRIAL

INDUSTRIAL WASTE POPULATION EQUIVALENT
 27020 FLOW 20916 CBOD 35727 TSS

Randolph P. Kustes Jr.
 OPERATOR

14555
 CERT. NO.

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

502-253-9310
 PLANT TELEPHONE