



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

December 20, 2011

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

**RE: Floyds Fork WQTC, KPDES No: KY0102784
Discharge Monitoring Report for Nov. 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 Nov. 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 11.11

Enclosures

cc: C. Roth (DOW Louisville)
T. Singleton
R. Shaw



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

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

MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY
11	11	01		11	11	30

ATTN: DENNIS THOMASSON SR. METRO OPS

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	SAMPLE MEASUREMENT	*****	*****	***	9	*****	*****	(19) MG/L	0	1/1	GR	
EFFLUENT GROSS VALUE	PERMIT MEASUREMENT	*****	*****	***	7 INST MIN	*****	*****	(19) MG/L		THREE/WEEK	GRAB	
PH	SAMPLE MEASUREMENT	*****	*****	***	7.6	*****	8.5	(12) SU	0	1/1	GR	
00400 1 0 0 EFFLUENT GROSS VALUE	PERMIT MEASUREMENT	*****	*****	***	6.0 MINIMUM	*****	9.0 MAXIMUM	(12) SU		THREE/WEEK	GRAB	
SOLIDS, TOTAL SUSPENDED 00530 G 0 0	SAMPLE MEASUREMENT	9153	10978	(26) LBS/DY	*****	271	454	(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	
SOLIDS, TOTAL SUSPENDED 00530 1 0 0	SAMPLE MEASUREMENT	113	204	(26) LBS/DY	*****	3	4	(19) MG/L	0	3/7	CP	
EFFLUENT GROSS VALUE	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	SAMPLE MEASUREMENT	462	508	(26) LBS/DY	*****	14	20	(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	
NITROGEN, AMMONIA TOTAL (AS N) 00610 1 2 0	SAMPLE MEASUREMENT	46	127	(26) LBS/DY	*****	0.9	2.0	(19) MG/L	0	3/7	CP	
EFFLUENT GROSS VALUE	PERMIT MEASUREMENT	136 MO AVG	203 MX WK AV	(26) LBS/DY	*****	5 MO AVG	7.5 MX WK AV	(19) MG/L		THREE/WEEK	COMPOS	
PHOSPHORUS, TOTAL (AS P) 00665 1 0 0	SAMPLE MEASUREMENT	*****	*****	****	*****	0.3	0.4	(19) MG/L	0	3/7	CP	
EFFLUENT GROSS VALUE	PERMIT MEASUREMENT	*****	*****	****	*****	1.0 MO AVG	1.5 MX WK AV	(19) MG/L		THREE/WEEK	COMPOS	
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 those statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.							TELEPHONE		DATE		
H J SCHARDEIN EXECUTIVE DIRECTOR	<i>Richard Mills</i>							502	540-6000	11	12	15
TYPED OR PRINTED								SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT		AREA CODE	NUMBER	YEAR

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

NAME FLOYDS FORK WQTC MSD
ADDRESS C/O CEDAR CREEK WQTC
8405 CEDAR CREEK RD
LOUISVILLE KY 40211
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LOCATION LOUISVILLE KY 40245
ATTN: DENNIS THOMASSON SR. METRO OPS

MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY
11	11	01		11	11	30

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	4.47	11.9	(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	4	(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	4230	5160	(26) LBS/DY	*****	127	221	(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	96	156	(26) LBS/DY	*****	2	3	(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	*****	*****	***	98	*****	*****	(23) CENT	0	1/30	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	1/30	CA
	PERMIT MEASUREMENT	*****	*****	***	85 MO MIN	*****	*****	(23) CENT		ONCE/MONTH	CALCTD
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			
H J SCHARDEIN EXECUTIVE DIRECTOR						502 540-6000		11	12	15	
TYPED OR PRINTED						AREA CODE	NUMBER	YEAR	MO	DAY	

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

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	GAL/DAY X 1000	MLSS X 1000	GAL/DAY 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)	FECAL COLIFORM (COLONY/100ML)	
																									90 MIN.	60 MIN.	BALLONS X 1000	% DRY SOLIDS	% VOLATILE SOLIDS	% DRY SOLIDS	% VOLATILE SOLIDS	WITHDRAWN BALLONS X 1000				
1	2.82	2.48	2.48	7.9	8.2				9.6		216		2	120		2	1.27	4.55	55	4	2.55	1.91	250		1.51						0	0.23	0.28	4		
2	2.75	2.48	2.48	7.5	8.3				9.5		214		2	92		2	1.2	4.49	50	3.4	2.38	1.82	260		1.45					0	0.19	0.39	4			
3	3.33	2.48	2.48	7.7	8.2				9.4		268		2	116		2	1.44	3.87	50	3	2.42	1.19	250		1.78					0	0.24	0.22	4			
4	3.89	2.48	2.48	7.4	8.3				9.3								1.321	5.77	38	3.4	2.21	1.76	250		2.14					0						
5	3.27	2.48	2.48	7.4	8.4				9.2								1.53	4.22	55	4.2	2.41	1.85	250		1.81					0						
6	3.13	2.48	2.48	7.9	8.3				9.6								1.11	4.5	52	4.6	2.39	1.97	260		1.71					0						
7	2.97	2.48	2.48	7.3	8.3				9.4								1.11	7.47	32	2.8	2.51	1.94	260		1.6				124.1							
8	2.81	2.48	2.48	7.8	8.2				9.5		582		2	353		2	1.16	5.15	48	2.9	2.52	1.89	260		1.53				86.5	0.26	0.28	4				
9	2.83	2.48	2.48	7.5	8.5				9.4		504		2	184		2	1.12	4.98	48	3.3	2.45	1.88	270		1.53				63.8	0.27	0.28	4				
10	2.71	2.48	2.48	7.5	8.3				9.5		276		2	126		2	1.17	3.92	58	2	2.43	1.86	250		1.45				63	0.30	0.28	4				
11	2.62	2.48	2.48	7.5	8.3				9.6								1.24	3.96	55	4	2.36	1.86	260		1.38				74.8							
12	2.62	2.48	2.48	7.4	8.3				9.8								1.1	4.97	45	2.5	2.27	1.72	260		1.4				0							
13	2.72	2.48	2.48	7.4	8.3				9.5								1.12	4.52	50	2.6	2.34	1.81	260		1.44				0							
14	2.73	2.48	2.48	7.8	8.4				9.2								1.18	4.91	50	1.9	2.57	1.98	260		1.41				0							
15	5.98	2.48	2.48	7.5	8.3				9.2		375		6	125		3	1.4	6.98	32	1.7	2.28	1.75	260		3.67				0	0.49	2.20	4				
16	6.96	2.48	2.48	7.7	8.3				9.3		141		4	60		2	1.38	8.65	32	3.2	2.94	2.36	290		4.25				0	0.30	0.28	4				
17	4.82	2.48	2.48	7.7	8.3				9.5		150		2	76		5	1.25	8.14	31	5	2.58	1.96	280		2.83				63	0.25	0.17	4				
18	3.72	2.48	2.48	7.5	8.3				9.4								1.25	6.94	32	4.8	2.4	1.87	280		2.11				92.9							
19	3.46	2.48	2.48	7.5	8.3				9.2								1.36	5.12	47	4.2	2.62	2.02	280		2				0							
20	3.95	2.48	2.48	7.5	8.3				9.2								1.13	5.59	42	4.1	2.42	1.8	280		2.3				0							
21	5.30	2.48	2.48	7.5	8.3				9.4								1.29	7.61	30	2.9	2.48	1.89	280		3.07				60							
22	8.43	2.48	2.48	7.8	8.5				9.8		180		4	86		3	2.09	9.09	30	2.9	2.47	1.93	280		5.26				49.8	0.51	4.10	4				
23	5.82	2.48	2.48	7.2	7.8				9.3		102		2	103		2	1.36	5.08	25	2	1.74	1.32	200		3.31				0	0.17	1.30	4				
24	4.39	2.48	2.48	7.6	7.6				9.8								1.21	7.26	35	5.6	2.59	2.15	290		2.42				36.2							
25	3.68	2.48	2.48	7.0	7.8				9.6								1.22	6.39	42	4.1	2.87	2.23	300		2.11				84.5							
26	3.54	2.48	2.48	7.7	7.8				9.3								1.1	5.18	47	4.3	2.95	2.06	290		1.93				0							
27	5.01	2.48	2.48	7.1	7.7				9.4		242		2	79		2	1.45	5.67	45	2.8	2.66	2.11	310		2.98				0	0.25	0.73	4				
28	11.90	2.48	2.48	7.2	7.8				9.7								1.95	11.9	18	3.5	2.19	1.8	250		7.61				0							
29	9.97	2.48	2.48	7.0	7.6				9.8								1.92	10.4	22	1	2.25	1.75	250		6.1				0							
30	5.84	2.48		7.0	7.7				9.5								1.39	5.15	30	5	1.56	1.26	200		3.37				56.7							
Tot.	133.98	74.4	71.92														39.82								77.46			855.3								
Avg.	4.47	2.48	2.48	7.5	8.2				9.5		271		3	127		2	1.327	6.081	40.87	3.39	2.427	1.857	264		2.582			28.51	0.3	0.9	4					

RESIDENTIAL
COMMERCIAL
INDUSTRIAL

INDUSTRIAL WASTE POPULATION EQUIVALENT
42534
27753
48007
FLOW CBOD TSS

Randolph P. Kustes Jr.
OPERATOR

14555
CERT. NO.

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

502-253-9310
PLANT TELEPHONE