



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

February 14, 2012

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

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

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 January of 2012.

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 01/12

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
ATTN: DENNIS THOMASSON SR. METRO OPS

MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY
12	01	01		12	01	31

NOTE: Read instructions before completing this form

PARAMETER	SAMPLE MEASUREMENT	QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE	
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS				
OXYGEN, DISSOLVED (DO)	SAMPLE MEASUREMENT	*****	*****	***	10	*****	*****	(19) MG/L	0	1/1	GR	
00300 1 0 0	PERMIT MEASUREMENT	*****	*****	***	7	*****	*****	(19) MG/L		THREE/WEEK	GRAB	
EFFLUENT GROSS VALUE					INST MIN							
PH	SAMPLE MEASUREMENT	*****	*****	***	7.5	*****	8.7	(12) SU	0	1/1	GR	
00400 1 0 0	PERMIT MEASUREMENT	*****	*****	***	6.0	*****	9.0	(12) SU		THREE/WEEK	GRAB	
EFFLUENT GROSS VALUE					MINIMUM		MAXIMUM					
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	10449	11597	(26) LBS/DY	*****	347	363	(19) MG/L	0	3/7	CP	
00530 G 0 0	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	
RAW SEW/INFLUENT												
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	68	87	(26) LBS/DY	*****	2	2	(19) MG/L	0	3/7	CP	
00530 1 0 0	PERMIT MEASUREMENT	813	1220	(26) LBS/DY	*****	30	45	(19) MG/L		THREE/WEEK	COMPOS	
EFFLUENT GROSS VALUE						MO AVG	MX WK AV					
NITROGEN, AMMONIA TOTAL (AS N)	SAMPLE MEASUREMENT	492	540	(26) LBS/DY	*****	17	21	(19) MG/L	0	3/7	CP	
00610 G 0 0	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	
RAW SEW/INFLUENT												
NITROGEN, AMMONIA TOTAL (AS N)	SAMPLE MEASUREMENT	28	61	(26) LBS/DY	*****	0.8	1.5	(19) MG/L	0	3/7	CP	
00610 1 2 0	PERMIT MEASUREMENT	136	203	(26) LBS/DY	*****	5	7.5	(19) MG/L		THREE/WEEK	COMPOS	
EFFLUENT GROSS VALUE						MO AVG	MX WK AV					
PHOSPHORUS, TOTAL (AS P)	SAMPLE MEASUREMENT	*****	*****	****	*****	0.3	0.4	(19) MG/L	0	3/7	CP	
00665 1 0 0	PERMIT MEASUREMENT	*****	*****	****	*****	1.0	1.5	(19) MG/L		THREE/WEEK	COMPOS	
EFFLUENT GROSS VALUE						MO AVG	MX WK AV					
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		
GREG HEITZMAN INTERIM EXECUTIVE DIRECTOR	<i>Richard Mills</i>							502	540-6000	12	2	17
TYPED OR PRINTED								SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA CODE	NUMBER	YEAR	MO

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
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	01	01		12	01	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			
FLOW, IN CONDUIT OR THRU TREATMENT PLANT 50050 1 0 0	SAMPLE MEASUREMENT	4.07	8.72	(03) MGD	*****	*****	*****	***	0	CN	CN
EFFLUENT GROSS VALUE	PERMIT MEASUREMENT	REPORT MO AVG	REPORT DAILY MX	(03) MGD	*****	*****	*****	***		CONTINUOUS	CONTIN
COLIFORM, FECAL GENERAL 74055 1 0 0	SAMPLE MEASUREMENT	*****	*****	***	*****	4	4	(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	4724	5775	(26) LBS/DY	*****	157	207	(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	61	72	(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 GREG HEITZMAN INTERIM 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 12 2 17		
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)

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		WASTED	DISSOLVED OXYGEN (mg/L)	MLSS (mg/L) x 1000	MLVSS (mg/L) x 1000	30 MIN.	60 MIN.	RAW		HAULED		PHOSPHORUS, TOTAL (mg/L)	NH3-N (mg/L)	FECAL COLIFORM (COLORS/100ML)		
																		GAL/DAY x 1000	MLSS x 1000							GAL/DAY x 1000	GALLONS x 1000	% DRY SOLIDS	% VOLATILE SOLIDS				% DRY SOLIDS	% VOLATILE SOLIDS WITHDRAWN
1	3.57	2.48	2.48	7.9	8.3					9.8								1.09	7.06	38	2.9	2.76	2.16	400		2.801				0				
2	3.62	2.48	2.48	8.0	8.4					10.0		180		2	95		2	1	4.91	45	3.6	2.52	2.14	400		2.037				0	0.20	0.45	4	
3	3.36	2.48	2.48	7.5	8.2					10.0		330		2	190		2	1.5	7.73	35	2.7	2.67	2.15	370		1.89				0	0.16	0.39	4	
4	3.27	2.48	2.48	7.4	8.2					11.0		598		2	335		2	1.04	6.13	45	3.8	2.76	2.23	390		1.92				18.9	0.16	0.45	4	
5	3.17	2.48	2.48	7.4	8.0					11.0								1.28	6.25	42	3.2	2.68	2.14	390		1.69				69.3				
6	3.07	2.48	2.48	7.5	7.8					11.0								1.18	4.87	58	3	2.9	2.3	380		1.61				30.7				
7	3.12	2.48	2.48	8.0	7.8					10.0								1.38	5.62	47	3	2.73	2.38	370		1.67				63				
8	3.15	2.48	2.48	8.0	7.8					10.0		448		2	163		2	1.37	4.69	62	3.3	3.01	2.38	400		1.704				0	0.20	0.78	4	
9	3.04	2.48	2.48	7.9	8.3					10.0		540		2	205		2	1.16	4.8	50	2.4	2.85	2.24	360		1.658				0	0.19	0.50	4	
10	2.93	2.48	2.48	7.9	8.5					10.0		47		2	93		2	1.15	5.74	45	2	2.73	2.16	390		1.571				36.4	0.16	0.39	4	
11	4.41	2.48	2.48	8.1	8.5					10.0								1.02	5.95	45	2.4	2.67	2.15	400		2.608				55.9				
12	4.89	2.48	2.48	7.9	8.5					11.0								1.1	8.75	30	1.8	2.51	2.02	350		2.973				83				
13	4.27	2.48	2.48	7.8	8.5					10.0								1.21	8.44	30	3.5	2.59	2.06	390		2.312				54.2				
14	3.77	2.48	2.48	8.1	8.5					10.0								1.24	6.39	40	3	2.77	2.17	400		2.055				0				
15	3.61	2.48	2.48	8.1	8.7					10.0								1.02	6.15	43	3.2	2.68	2.1	400		1.98				0				
16	3.63	2.48	2.48	7.4	7.9					10.0		496		3	155		2	1.23	4.5	45	2	2.54	2.08	360		2.02				0	0.25	0.34	4	
17	4.08	2.48	2.48	7.6	7.7					10.0		408		2	149		2	1.18	5.62	45	2	2.73	2.12	350		2.274				0	0.29	1.20	4	
18	4.01	2.48	2.48	7.3	8.0					10.0		176		2	101		2	1.17	6.14	45	2.6	2.96	2.34	350		2.177				61.4	0.31	0.73	4	
19	3.77	2.48	2.48	7.3	7.8					10.0								1.12	5.71	45	4	2.52	1.98	320		2.068				81.9				
20	3.49	2.48	2.48	7.3	7.8					10.0								1.4	6.12	45	3.4	2.67	2.06	360		1.919				43.3				
21	3.48	2.48	2.48	7.4	7.7					10.0								1.27	7.33	38	3.6	2.7	2	350		1.909				0				
22	3.47	2.48	2.48	7.2	8.0					11.0		440		2	158		2	1.04	6.55	40	3.4	2.62	2.09	350		1.847				0	0.40	0.62	4	
23	5.28	2.48	2.48	7.2	7.8					11.0		294		3	142		2	1.15	8.38	30	2.4	2.61	2.01	310		3.131				0	0.51	3.50	4	
24	4.29	2.48	2.48	7.3	7.5					10.0		222		2	102		2	1.19	6.66	42	2.5	2.69	2.11	340		2.466				0	0.32	0.34	4	
25	4.05	2.48	2.48	7.2	7.8					10.0								1.18	6.43	42	5	2.66	2.12	350		2.37				62.2				
26	6.80	2.48	2.48	7.6	7.9					10.0								1	7.53	35	4.3	2.38	1.9	310		4.05				51.5				
27	8.72	2.48	2.48	7.3	7.7					10.0								2.31	12.25	10	3.8	1.06	0.9	150		5.15				61.6				
28	5.44	2.48	2.48	7.5	7.8					10.0								1.78	6.36	37	3.6	2.59	1.88	330		7.6				11.2				
29	4.58	2.48	2.48	7.5	7.7					10.0								1.74	6.4	45	3.8	2.7	2.19	310		2.71				0				
30	4.04	2.48	2.48	7.9	8.4					10.0								1.62	5.76	50	3.5	2.8	2.17	410		2.49				0				
31	3.86	2.48	2.48	8.0	8.7					10.0								1.07	6.4	45	3.8	2.86	2.26	440		2.079				0				
Tot.	128.25	76.88	76.88															39.19									764.5							
Avg.	4.07	2.48	2.48	7.6	8.1					10.2		347		2	157		2	1.264	6.50452	41.74	3.145	2.643	2.093	360.6		2.10684				24.66	0.26	0.81	4	

RESIDENTIAL
COMMERCIAL
INDUSTRIAL

INDUSTRIAL WASTE POPULATION EQUIVALENT
36787 FLOW
31435 CBOD
56057 TSS

Randolph P. Kustes Jr.
OPERATOR

14555
CERT. NO.

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

502-256-9310
PLANT TELEPHONE