



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

April 20, 2012

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

RE: Floyds Fork WQTC, KPDES No: KY0102784
Discharge Monitoring Report for March 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 March 2012.

There were no exceedences, bypasses, or overflows to report. The BOD samples on March 4, 2012 were analyzed. However, due to laboratory personnel not following proper protocol, the sample data was lost. Because of this incident, MSD laboratory personnel were reminded of the proper protocol. If protocol is followed, measures are in place that will prevent a recurrence of lost data.

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 03/12

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

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

DISCHARGE NUMBER

MAJOR
(SUBR LV)

F - FINAL JEFFE

MUNICIPAL DISCHARGE
EFFLUENT

[8] No Discharge

MONITORING PERIOD

YEAR	MO	DAY	FROM	TO	YEAR	MO	DAY
12	03	01			12	03	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) 00300 1 0 0	SAMPLE MEASUREMENT	*****	*****	***	10	*****	*****	(19) MG/L	0	1/1	GR
EFFLUENT GROSS VALUE	PERMIT MEASUREMENT	*****	*****	***	7 INST MIN	*****	*****	(19) MG/L		THREE/ WEEK	GRAB
PH	SAMPLE MEASUREMENT	*****	*****	***	8.0	*****	8.4	(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	13086	15794	(26) LBS/DY	*****	361	410	(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	83	103	(26) LBS/DY	*****	2	3	(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	443	454	(26) LBS/DY	*****	12	13	(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	10	13	(26) LBS/DY	*****	0.3	0.4	(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	*****	*****	****	*****	0.5	0.7	(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 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 04 09		
TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT					AREA CODE	NUMBER			

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

Please see cover letter for explanation of NODI code # 8".

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

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LOCATION LOUISVILLE KY 40245

ATTN: DENNIS THOMASSON SR. METRO OPS

KENTUCKY POLLUTANT DISCHARGE ELIMINATION SYSTEM (KPDES)

DISCHARGE MONITORING REPORT (DMR)

KY0102784

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001 1

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MAJOR
(SUBR LV)

F - FINAL

JEFFE

MUNICIPAL DISCHARGE

EFFLUENT

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YEAR	MO	DAY	TO	YEAR	MO	DAY
12	03	01		12	03	31

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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	4.41	6.83	(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	*****	*****	***	*****	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	5231	7390	(26) LBS/DY	*****	145	201	(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	75	86	(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 8 months and 5 years.					TELEPHONE		DATE			
Greg C Heitzman Interim Executive Director						502 540-6000		12 04 09			
TYPED OR PRINTED						AREA CODE		NUMBER YEAR MO DAY			
SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT											

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NAME OF TREATMENT PLANT FLOYDS FORKCOUNTY JEFFERSONMONTH OF: March 2012KPDES PERMIT NUMBER KY0102784PLANT CAPACITY 3.5 MGDRECEIVING STREAM FLOYDS FORK

DATE	TOTAL FLOW (MILLION GALLONS)	RAW SEWAGE		pH		SETTLEABLE 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		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					30 MIN.	60 MIN.	GALLONS X 1000	% DRY SOLIDS	% VOLATILE SOLIDS	% DRY SOLIDS	% VOLATILE SOLIDS	WITHDRAWN GALLONS X 1000			
1	3.73	2.48	2.48	7.5	8.2					10.0		402		3	128		2	1.03	5.47	45	1.4	2.55	2.03	340		2,754					50.4	0.21	0.56	4	
2	4.36	2.48	2.48	7.5	8.2					10.0								1.41	0	45	1	0	0	350		3.21					25.2				
3	4.21	2.48	2.48	7.6	8.2					10.0								1.36	0	50	4.8	0	0	390		3.144					0				
4	3.92	2.48	2.48	7.5	8.2					10.0		382		2	Scratched	Scratched		1.06	0	45	5.2	0	0	400		2,796					0	0.33	0.56	4	
5	4.20	2.48	2.48	7.6	8.3					10.0		322		2	153		2	1.35	0	50	4.9	0	0	390		3.108					50.4	0.38	0.06	4	
6	4.31	2.48	2.48	7.5	8.3					10.0								1.17	0	50	4.5	0	0	390		3.174					37.8				
7	4.20	2.48	2.48	7.5	8.0					10.0								1.1	0	50	4	0	0	370		2.805					31.5				
8	5.44	2.48	2.48	7.5	8.3					10.0		448		3	130		2	1.26	5.6	45	6.2	2.37	1.88	350		4,062					37.8	0.60	0.34	4	
9	5.67	2.48	2.48	7.5	8.2					10.0								1.98	6.28	45	7	2.26	1.88	350		1,428					0				
10	4.57	2.48	2.48	7.5	8.1					10.0								1.24	3.89	60	6.8	2.29	1.79	360		1,095					0				
11	4.17	2.48	2.48	7.5	8.0					10.0		335		2	120		2	1.3	5.1	45	6.3	2.09	1.73	390		2,955					0	0.44	0.06	4	
12	4.12	2.48	2.48	7.5	8.3					10.0		448		3	352		2	1.33	4.89	53	6	2.51	1.99	400		2,904					44.1	0.56	0.28	4	
13	3.91	2.48	2.48	7.6	8.3					9.9								1.3	5.57	50	3.4	2.62	2.07	420		2,744					56.7				
14	3.68	2.48	2.48	7.5	8.3					9.9								1.17	6.56	40	3.4	2.52	2.06	390		2,496					31.5				
15	3.75	2.48	2.48	7.4	8.2					9.8		498		2	187		2	1.19	5.12	50	3.4	2.59	2.08	340		2,42					0	1.15	0.34	4	
16	6.39	2.48	2.48	7.6	8.0					9.9								1.24	9.24	25	3.3	2.14	1.74	350		4,419					0				
17	5.17	2.48	2.48	7.6	8.1					10.0								1.14	7.35	37	3	2.69	2.21	400		3,546					0				
18	6.83	2.48	2.48	7.6	8.0					10.0		220		2	68		2	1.1	10.18	23	2.8	2.16	1.81	350		5,046					0	0.48	0.28	4	
19	4.94	2.48	2.48	7.4	8.1					10.0		302		2	124		2	1.33	6.92	38	3.4	2.49	1.99	350		3,714					75.6	0.32	0.22	4	
20	4.22	2.48	2.48	7.5	8.2					9.8								1.21	6.13	45	4	2.62	2.11	380		3,096					75.6				
21	3.88	2.48	2.48	7.7	8.3					9.9								1.3	5.6	48	3.6	2.62	2.13	400		3,228					69.3				
22	3.75	2.48	2.48	7.7	8.2					9.7		378		2	124		2	1.25	4.96	55	3.3	2.63	2.23	430		2,808					75.6	0.53	0.22	4	
23	5.08	2.48	2.48	7.6	8.2					9.9								1.73	6.29	44	3.3	2.64	2.14	400		3,615					18.9				
24	5.69	2.48	2.48	7.4	8.3					9.6								1.74	6.58	41	4.5	2.56	2	430		4,362					0				
25	4.53	2.48	2.48	7.7	8.2					9.8		254		2	81		2	1.58	5.49	49	5.3	2.57	2.02	400		3,312					0	0.48	0.22	4	
26	4.02	2.48	2.48	7.6	8.4					9.8		340		2	127		2	1.72	5.31	51	2.9	2.57	2.03	440		2,751					0	0.53	0.06	4	
27	3.88	2.48	2.48	7.5	8.3					10.0								1.08	4.49	55	6.8	2.74	2.12	410		2,496					84				
28	3.44	2.48	2.48	7.6	8.3					9.9								1.26	6.13	42	5	2.53	2.03	350		2,448					0				
29	3.55	2.48	2.48	7.4	8.3					9.8								1.15	4.44	58	3.5	2.6	2	350		2,403					18.35				
30	3.42	2.48	2.48	7.4	8.2					9.7								1.37	4.49	58	6	2.5	1.97	350		2,295					0				
31	3.52	2.48	2.48	7.5	8.0					10.0								1.39	5.51	46	5.5	2.5	1.96	350		2,322					0				
Tot.	136.56	76.88	76.88															40.84																	
Avg.	4.41	2.48	2.48	7.5	8.2					9.9		361		2	145		2	1.317	4.761	46.39	4.339	2.012	1.613	379.68		2.9986					25.25	0.50	0.27	4	

RESIDENTIAL
COMMERCIAL
INDUSTRIAL

INDUSTRIAL WASTE POPULATION EQUIVALENT

42000
FLOW31351
CBOD63182
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