



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

May 21, 2012

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

RE: Floyds Fork WQTC, KPDES No: KY0102784
Discharge Monitoring Report for April 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 April 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 04/12

Enclosures

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



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

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
 FROM YEAR 12 MO 04 DAY 01 TO YEAR 12 MO 04 DAY 30

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 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	***	9	*****	*****	(19) MG/L	0	1/1	GR
PH	PERMIT MEASUREMENT	*****	*****	***	7 INST MIN	*****	*****	(19) MG/L		THREE/ WEEK	GRAB
00400 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	***	7.5	*****	8.5	(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	10564	13330	(26) LBS/DY	*****	371	423	(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	100	250	(26) LBS/DY	*****	3	6	(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	451	477	(26) LBS/DY	*****	16	19	(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 2 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	20	63	(26) LBS/DY	*****	0.6	1.6	(19) MG/L	0	3/7	CP
	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 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	****	*****	0.7	0.9	(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	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 C. Heitzman Interim Executive Director						502 540-6000		12 05 21			
TYPED OR PRINTED	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT					AREA CODE	NUMBER				

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
 DISCHARGE NUMBER

MONITORING PERIOD
 FROM YEAR: 12 MO: 04 DAY: 01 TO YEAR: 12 MO: 04 DAY: 30

MAJOR
 (SUBR LV)
 F - FINAL JEFFE
 MUNICIPAL DISCHARGE
 EFFLUENT
 [] No Discharge

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	3.29	5.67	(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	5	(13) 100ML	0	3/7	GRAB
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	4206	4385	(26) LBS/DY	*****	153	173	(19) MG/L	0	3/7	COMPOS
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	58	80	(26) LBS/DY	*****	2	2	(19) MG/L	0	3/7	COMPOS
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	1/30	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	1/30	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 05 21			
TYPED OR PRINTED	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT					AREA CODE	NUMBER	YEAR MO DAY			

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

NAME OF TREATMENT PLANT FLOYDS FORKCOUNTY JEFFERSONMONTH OF: April 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	GAL/DAY X 1000	MLSS X 1000	GAL/DAY X 1000	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)		
																									30 MIN.	50 MIN.	GALLONS X 1000	% DRY SOLIDS	% VOLATILE SOLIDS	% DRY SOLIDS	% VOLATILE SOLIDS	WITHDRAWN GALLONS X 1000					
1	5.67	2.48	2.48	7.6	7.9						10.0		380		12	94		2	1.36	5.55	48		5	2.58	2.05	350		3.99					0	0.76	0.34	4	
2	4.70	2.48	2.48	7.4	8.2						10.0		303		3	87		2	1.26	6.83	40		6.3	2.6	2.06	340		3.528					30	0.74	3.70	8	
3	3.96	2.48	2.48	7.7	8.2						9.8		308		2	142		2	1.28	6.53	42		2	2.6	2.03	350		2.808					63	0.46	0.84	4	
4	3.75	2.48	2.48	7.5	8.2						9.8								1.16	6.85	40		5.1	2.59	2.12	350		2.655					56.7				
5	3.74	2.48	2.48	7.6	8.3						9.3								1.29	6.04	45		5.8	2.58	2.05	390		2.619					44.1				
6	3.45	2.48	2.48	7.6	8.5						9.7								1.39	4.35	59		5.9	2.42	2.11	350		2.349					25.2				
7	3.32	2.48	2.48	7.5	8.2						9.6								1.71	4.46	68		6.7	2.85	2.23	350		2.28					0				
8	3.08	2.48	2.48	7.5	8.5						9.8		456		2	148		2	1.14	6.51	42		5.7	2.59	2.05	330		2.097					0	0.59	0.28	4	
9	3.05	2.48	2.48	7.5	7.9						10.0		365		2	181		2	1.25	4.33	55		6	2.31	1.86	350		2.034					44.1	0.58	0.06	2	
10	2.80	2.48	2.48	7.5	7.9						9.4		334		2	168		2	1.21	4.22	58		5.8	2.35	1.92	340		1.911					56.7	0.60	0.06	2	
11	2.99	2.48	2.48	7.4	7.7						9.8								1.16	4.17	60		6.5	2.59	2.02	340		2.022					56.7				
12	2.73	2.48	2.48	7.5	7.8						10.0								1.15	4.87	52		6	2.5	2.02	380		1.831					0				
13	2.83	2.48	2.48	7.5	7.8						10.0								1.13	3.82	55		6.1	2.11	1.69	350		1.864					0				
14	3.01	2.48	2.48	7.5	7.8						9.6								1.16	4.12	52		5.8	2.14	1.79	320		2.028					0				
15	3.08	2.48	2.48	7.5	7.9						9.7		438		2	136		2	1.23	4.59	52		5.6	2.42	1.97	300		1.887					0	0.59	0.34	2	
16	3.05	2.48	2.48	7.1	7.5						9.2		348		2	168		2	1.09	4.56	40		4	1.87	1.77	300		1.983					44.1	0.71	0.17	3	
17	2.90	2.48	2.48	7.3	8.1						9.5		482		2	194		2	1.07	4.81	45		3.8	2.16	1.81	280		1.857					50.4	0.77	0.28	2	
18	2.79	2.48	2.48	7.0	7.8						9.4								0.944	3.71	58		3.5	2.27	1.82	300		2.118					50.4				
19	2.87	2.48	2.48	7.6	8.1						9.9								1.22	4.51	50		6.1	2.13	1.81	300		1.884					31.5				
20	2.80	2.48	2.48	7.4	8.2						9.3								1.62	4.69	49		6.2	2.18	1.75	290		1.83					63				
21	3.49	2.48	2.48	7.3	8.2						10.0								1.22	5.19	43		5.1	2.12	1.81	270		2.01					0				
22	3.28	2.48	2.48	7.5	8.3						10.0		314		2	167		2	1.46	4.04	57		5.7	2.25	2.09	300		2.193					0	0.94	0.50	2	
23	2.98	2.48	2.48	7.3	7.9						10.0		320		2	197		2	1.28	3.39	60		5.8	2.1	1.71	290		1.893					50.4	0.94	0.06	2	
24	2.86	2.48	2.48	7.4	7.8						10.0		404		2	154		2	1.38	3.93	50		5.2	2.03	1.64	260		1.863					50.4	0.87	0.06	2	
25	2.92	2.48	2.48	7.3	8.0						10.0								1.18	5.45	40		2	2.02	1.67	300		1.872					50.4				
26	2.95	2.48	2.48	7.4	8.2						9.5								1.24	3.78	58		4.7	2.12	1.71	290		1.927					31.5				
27	2.93	2.48	2.48	7.3	8.1						9.6								1.2	3.53	58		5.8	2.08	1.66	290		1.879					24.6				
28	3.08	2.48	2.48	7.4	8.2						9.5								1.1	3.03	65		5.3	1.94	1.58	280		2.076					0				
29	3.90	2.48	2.48	7.0	7.9						9.7								1.31	5.09	42		5	2.09	1.64	260		2.604					0				
30	3.73	2.48	2.48	7.3	8.1						9.6								1.1	4.1	52		5.2	2.05	1.64	270		2.307					47.3				
31																																					
Tot.	98.69	74.4	74.4																37.29									66.199						870.5			
Avg.	3.290	2.48	2.48	7.4	8.0						9.7		371		3	153		2	1.243	4.702	51.17		5.2567	2.288	1.869	315.7		2.20663					29.02	0.71	0.56	3	

RESIDENTIAL
COMMERCIAL
INDUSTRIAL

INDUSTRIAL WASTE POPULATION EQUIVALENT

31332
FLOW24693
CBOD48472
TSSRandolph P. Kustes Jr.
OPERATOR14555
CERT. NO.

0 X 4 = 0 SEWERED POPULATION

502-253-9310
PLANT TELEPHONE