



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

August 26, 2010

Ms Carolena Bentley
DMR Coordinator
200 Fair Oaks Lane
Frankfort, Kentucky 40601

RE: Floyds Fork WQTC, KPDES No: KY0102784
Discharge Monitoring Report for July 2010.

Dear Ms Bentley,

Attached are the Discharge Monitoring Report (DMR) and the Monthly Operator Report (MOR) for the Floyds Fork WQTC for the month of July 2010.

There were no exceedences, bypass reports or overflow reports for the month of July at Floyds Fork WQTC.

If you have any questions concerning the attached DMR's, please contact me at (502)587-5856.

Sincerely,

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

Richard Mills
Process Supervisor, East Region

DJR/ Floyds Fork 0710

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
 FROM YEAR 10 MO 07 DAY 01 TO YEAR 10 MO 07 DAY 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	*****	*****	***	7	*****	*****	(19) MG/L	0	1/1	GR
EFFLUENT GROSS VALUE	PERMIT MEASUREMENT	*****	*****	***	7 INST MIN	*****	*****	(19) MG/L		THREE/ WEEK	GRAB
PH	SAMPLE MEASUREMENT	*****	*****	***	7.9	*****	8.7	(12) SU	0	1/1	GR
EFFLUENT GROSS VALUE	PERMIT MEASUREMENT	*****	*****	***	6.0 MINIMUM	*****	9.0 MAXIMUM	(12) SU		THREE/ WEEK	GRAB
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	4106	4342	(26) LBS/DY	*****	194	214	(19) MG/L	0	3/7	CP
00530 G 0 0 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	SAMPLE MEASUREMENT	46	50	(26) LBS/DY	*****	2	3	(19) MG/L	0	3/7	CP
00530 1 0 0 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)	SAMPLE MEASUREMENT	358	374	(26) LBS/DY	*****	17	19	(19) MG/L	0	3/7	CP
00610 G 0 0 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)	SAMPLE MEASUREMENT	5	10	(26) LBS/DY	*****	0.2	0.5	(19) MG/L	0	3/7	CP
00610 1 1 0 EFFLUENT GROSS VALUE	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)	SAMPLE MEASUREMENT	*****	*****	****	*****	0.07	0.08	(19) MG/L	0	3/7	CP
00665 1 0 0 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 TO 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		10 08 26			
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)											

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

[] No Discharge

MONITORING PERIOD

FROM YEAR 10 MO 07 DAY 01 TO YEAR 10 MO 07 DAY 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			
FLOW, IN CONDUIT OR THRU TREATMENT PLANT 50050 1 0 0	SAMPLE MEASUREMENT	2.79	4.53	(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	*****	*****	***	*****	5	11	(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	2282	2475	(26) LBS/DY	*****	108	118	(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	43	47	(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	*****	*****	***	98	*****	*****	(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 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	Richard W. Mills					502 540-6000		10 08 26 YEAR MO DAY			
TYPED OR PRINTED						NUMBER					
COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT					AREA CODE					

NAME OF TREATMENT PLANT FLOYDS FORK
 KPDES PERMIT NUMBER KY0102784

COUNTY JEFFERSON
 PLANT CAPACITY 3.5 MGD

MONTH OF: July 2010
 RECEIVING STREAM FLOYDS FORK

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	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 X1000					GAL/DAY X 1000	30 MIN.	60 MIN.	GALLONS X 1000	% DRY SOLIDS	% VOLATILE SOLIDS	% DRY SOLIDS	% VOLATILE SOLIDS			
1	2.26	5.1	5.1	7.7	8.5				8.4		206		2	133		2	1.61	3850	3700	1.1	2850	2020	350							50.4	0.13	0.06	4	
2	2.22	5.1	5.1	7.7	8.5				7.8								1.78	4710	6100	0.6	3140	2200	350							50.4				
3	2.15	5.1	5.1	7.8	8.7				8.0								1.29	7940	3800	1.3	3375	2210	350							0				
4	2.22	5.1	5.1	7.7	8.4				8.2		219		4	97		2	1.55	4570	0	1.1	3260	2230	350							0	0.06	0.06	83	
5	2.29	5.1	5.1	7.7	8.5				7.8		216		2	118		2	1.43	5490	0	1.3	3500	2460	350							4800	0.06	0.06	4	
6	2.14	5.1	5.1	7.8	8.4				7.3								1.45	7890	5800	0.6	3510	2360	400							50.4				
7	2.10	5.1	5.1	7.7	8.3				8.4								1.53	5590	5400	0.7	3660	2470	360							50.4				
8	2.37	5.1	5.1	7.7	8.4				8.3		238		2	123		2	1.72	6130	5200	0.6	3670	2440	360							50.4	0.11	0.06	4	
9	3.48	5.1	5.1	7.7	8.5				7.8								1.7	8480	6100	0.7	3510	2310	350							50.4				
10	2.89	5.1	5.1	7.7	8.3				8.1								1.4	7630	6300	2.9	3600	2370	360							0				
11	2.62	5.1	5.1	7.6	8.3				8.0		192		2	100		2	1.51	6060	6300	2.8	3650	2430	340							0	0.06	0.45	4	
12	2.55	5.1	5.1	7.6	8.3				8.0		194		2	132		2	1.59	5300	6000	2.9	3370	2280	360							50.4	0.06	0.90	4	
13	4.53	5.1	5.1	7.6	8.5				8.5								1.38	13.66	6000	0.6	3530	2310	300							50.4				
14	3.34	5.1	5.1	7.6	8.2				8.1								1.62	11.2	6100	3.6	3460	2240	300							50.4				
15	2.87	5.1	5.1	7.8	8.4				8.2		134		2	76		2	1.64	6150	6400	3.6	3290	2120	300							50.4				
16	2.65	5.1	5.1	7.6	8.3				8.2								1.3	5800	5100	3	3440	2170	300							50.4	0.06	0.06	4	
17	2.66	5.1	5.1	7.7	8.2				8.1								1.58	6550	4900	2.6	3360	2130	300							0				
18	2.73	5.1	5.1	7.6	8.4				8.0		174		2	104		2	1.48	5260	4000	2.5	3800	2660	300							0	0.06	0.06	4	
19	2.57	5.1	5.1	7.7	8.2				7.4		252		2	97		2	1.5	6940	4100	2.3	3560	2260	300							50.4	0.06	0.06	4	
20	3.70	5.1	5.1	7.8	8.3				7.5								1.53	9510	4400	1.1	3490	2210	300							50.4				
21	3.57	5.1	5.1	7.5	8.2				8.2								1.66	6830	4800	3.3	3730	2260	300							50.4				
22	3.17	5.1	5.1	7.6	8.3				7.8		151		2	82		2	1.51	7100	5200	3.2	3390	2130	290							50.4	0.06	0.67	4	
23	2.82	5.1	5.1	7.6	8.2				7.4								1.76	5860	3300	1.9	3310	2070	300							50.4				
24	2.61	5.1	5.1	7.5	8.1				7.2								1.6	4610	4000	1.6	3070	1880	300							0				
25	2.62	5.1	5.1	7.4	7.9				7.1		170		2	111		2	1.63	5850	4000	1	3560	2250	300							0	0.06	0.06	4	
26	2.59	5.1	5.1	7.7	8.3				7.7		181		2	118		2	1.49	5930	5800	0.6	3390	2350	300							50.4	0.06	0.06	4	
27	2.45	5.1	5.1	7.7	8.3				8.0								1.66	5490	4100	1.1	3250	2090	300							50.4				
28	3.21	5.1	5.1	7.8	8.3				8.1								1.69	5550	0	0.7	3440	2230	310							50.4				
29	3.54	5.1	5.1	7.6	8.3				8.2								1.76	6790	5400	0.7	3460	2250	330							3780				
30	2.87	5.1	5.1	7.7	8.3				8.4								1.77	5060	4120	3	3490	2330	325							6300				
31	2.85	5.1	5.1	7.6	8.3				8.4								1.74	5150	4200	1.4	3360	2200	300							0				
Tot.	86.63	158.1	158.1														48.86													15838				
Avg.	2.79	5.1	5.1	7.7	8.3				8.0		194		2	108		2	1.576	5745	4536	1.755	3435	2255	323.7					0.933		510.9	0.07	0.21	5	

RESIDENTIAL
 COMMERCIAL
 INDUSTRIAL

INDUSTRIAL WASTE POPULATION EQUIVALENT

26614
 FLOW

14749
 CBOD

21521
 TSS

michael carter
 OPERATOR

6173
 CERT. NO.

TOTAL NUMBER OF SEWER CONNECTIONS

SEWER CONNECTIONS 0 X 4 = 0 SEWERED POPULATION

502-587-5867

PLANT TELEPHONE