



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

October 1, 2010

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

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

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

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

Sincerely,

Richard W. Mills
Process Supervisor, East Region

RWM/ Floyds Fork 0810

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
 [] No Discharge

MONITORING PERIOD					
YEAR	MO	DAY	YEAR	MO	DAY
FROM 10	08	01	TO 10	08	31

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				
OXYGEN, DISSOLVED (DO)	SAMPLE MEASUREMENT	*****	*****	***	8	*****	*****	(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	*****	*****	***	8.1	*****	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	3971	5568	(26) LBS/DY	*****	187	220	(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	50	50	(26) LBS/DY	*****	2	3	(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			MO AVG	MX WK AV					
NITROGEN, AMMONIA TOTAL (AS N)	SAMPLE MEASUREMENT	380	461	(26) LBS/DY	*****	19	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	6	12	(26) LBS/DY	*****	0.3	0.5	(19) MG/L	0	3/7	CP	
00610 1 1 0	PERMIT MEASUREMENT	54	81	(26) LBS/DY	*****	2	3	(19) MG/L		THREE/WEEK	COMPOS	
EFFLUENT GROSS VALUE		MO AVG	MX WK AV			MO AVG	MX WK AV					
PHOSPHORUS, TOTAL (AS P)	SAMPLE MEASUREMENT	*****	*****	****	*****	0.2	0.6	(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		
H J SCHARDEIN EXECUTIVE DIRECTOR	<i>Richard W. Mills</i>							502	540-6000	10	09	24
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)

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						
YEAR	MO	DAY		YEAR	MO	DAY
FROM 10	08	01	TO	10	08	31

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	SAMPLE MEASUREMENT	2.57	3.40	(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	*****	*****	***	*****	8	26	(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	2344	2856	(26) LBS/DY	*****	114	130	(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	40	50	(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 H J SCHARDEIN 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 those statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.					SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT <i>Richard W. Meeks</i>		TELEPHONE 502 540-6000		DATE 10 09 24	
TYPED OR PRINTED						AREA CODE NUMBER		YEAR MO DAY			

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

NAME OF TREATMENT PLANT FLOYDS FORK
 KPDES PERMIT NUMBER KY0102784

COUNTY JEFFERSON
 PLANT CAPACITY 3.5 MGD

MONTH OF: August 2010
 RECEIVING 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	30 MIN.	60 MIN.	GALLONS x 1000	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	% DRY SOLIDS	% VOLATILE SOLIDS	% DRY SOLIDS				% VOLATILE SOLIDS	ZINC/ARSENIC GALLONS x 1000
1	2.740	5.1	5.1	7.6	8.4				8.3		173		2	107		2	1.38	6330	4400	0.7	3270	2220	300									0	0.13	0.06	37
2	2.640	5.1	5.1	7.7	8.3				8.3		145		2	114		2	1.71	4850	4900	1.3	3330	2230	350								4880	0.14	0.67	4	
3	2.540	5.1	5.1	7.7	8.4				7.5		247		3	169		2	1.77	6210	4000	0.7	3330	2190	340								5040	0.14	0.90	4	
4	2.480	5.1	5.1	7.7	8.3				7.6								1.64	5910	4000	0.9	3240	2680	320								5040				
5	2.590	5.1	5.1	7.7	8.3				7.5								1.61	5750	4000	0.4	3380	2270	320								5040				
6	2.470	5.1	5.1	7.6	8.1				7.6								1.67	4910	4000	0.4	3310	2220	300								5040				
7	2.460	5.1	5.1	7.7	8.2				8.2								1.66	5460	3000	0.9	3280	2370	375								0				
8	2.420	5.1	5.1	7.7	8.3				8.3		154		2	101		2	1.67	4800	6100	0.5	3230	2190	380								0	0.12	0.06	4	
9	2.400	5.1	5.1	8.0	8.7				7.5		190		2	110		2	1.54	4670	6700	0.6	3230	2180	350								5040	0.10	0.06	4	
10	2.410	5.1	5.1	7.9	8.5				7.9		208		2	149		2	1.48	5790	6100	0.8	3170	2210	350								5040	0.12	0.06	3	
11	2.440	5.1	5.1	7.8	8.4				7.9								1.39	5520	5900	1	2940	2030	350								5040				
12	2.570	5.1	5.1	7.8	8.4				8.1								1.47	4010	4100	1.8	2860	2000	320								5040				
13	2.580	5.1	5.1	7.8	8.3				8.0								1.48	4450	4200	1.9	2840	1970	350								5040				
14	3.210	5.1	5.1	7.8	8.3				8.0								1.56	5350	3500	1.7	2850	1980	340								0				
15	3.400	5.1	5.1	7.7	8.4				8.1		160		2	82		2	1.11	6040	4000	3.2	3040	2150	350								0	0.52	0.06	73	
16	3.040	5.1	5.1	7.8	8.5				7.7		288		2	77		2	1.83	5120	4000	2.6	2970	2160	350								5040	0.65	0.06	62	
17	2.730	5.1	5.1	7.8	8.4				7.9		212		2	138		2	1.5	7630	4900	2.8	2980	2090	370								5040	0.70	0.06	4	
18	2.610	5.1	5.1	7.8	8.6				8.1								1.5	5390	4000	1.3	2920	2090	350								5040				
19	2.550	5.1	5.1	7.8	8.4				8.0								1.49	5680	4000	1.5	3170	2870	340								5040				
20	2.450	5.1	5.1	7.7	8.5				8.3								1.71	4260	4000	2.5	2970	2620	350								5040				
21	3.000	5.1	5.1	8.0	8.6				8.1								1.46	6710	4000	2	2880	2010	380								0				
22	2.860	5.1	5.1	7.9	8.5				8.0		172		2	124		2	1.35	6220	3400	3.4	3030	2070	350								0	0.11	0.73	7	
23	2.340	5.1	5.1	8.1	8.6				8.0		154		4	89		2	1.3	5670	6200	3.2	3140	2110	380								5040	0.10	0.73	3	
24	2.550	5.1	5.1	8.1	8.5				8.4		145		3	108		2	1.01	6060	6000	4.2	3020	2000	380								5040	0.08	0.06	4	
25	2.340	5.1	5.1	8.1	8.5				7.8								1.59	11.93	6200	3.6	2680	1820	300								5040				
26	2.400	5.1	5.1	8.1	8.3				8.4								1.55	4880	5200	4.2	2560	1700	310								5040				
27	2.320	5.1	5.1	8.2	8.3				8.4								1.71	4210	2000	4.4	2840	1850	340								5040				
28	2.330	5.1	5.1	8.0	8.3				8.4								1.51	4100	2000	4.3	3160	1940	330								0				
29	2.350	5.1	5.1	8.1	8.5				8.1								1.54	5260	2300	4	3020	2010	320								0				
30	2.240	5.1	5.1	8.0	8.4				7.8								1.47	5390	2500	3.4	3580	2332	360								5020				
31	2.240	5.1	5.1	8.2	8.5				7.9								1.39	4960	4000	3.3	3140	2060	320								5040				
Tot.	79.70	158.1	158.1														47.05																		
Avg.	2.571	5.1	5.1	7.9	8.4				8.0		187		2	114		2	1.518	5380	4310	2.171	3076	2149	343.4							1.355		3571	0.24	0.29	8

RESIDENTIAL
 COMMERCIAL
 INDUSTRIAL

INDUSTRIAL WASTE POPULATION EQUIVALENT

24485 14379 19128
 FLOW CBOD TSS

michael carter sr
 OPERATOR

6173
 CERT. NO.

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

502-587-5867
 PLANT TELEPHONE