

MSD

Metropolitan Sewer District

July 20, 2012

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

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

Dear Ms. Edwards:

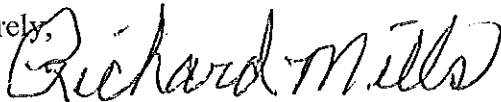
Attached are the Discharge Monitoring Reports (DMRs) and the Monthly Operator Report (MOR) for the Floyds Fork WQTC for the month of June, 2012.

There were no exceedences, bypasses or overflows to report.

The 2nd Quarter Biomonitoring DMR is attached.

If you have any questions concerning the attached DMR's, please contact me at (502) 587-5832

Sincerely,



Richard Mills
Process Supervisor of Metro Operations.

RM/ Floyds Fork 06/12

Enclosures

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



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	06	01		12	06	30

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				
OXYGEN, (DO) 00300 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	***	9	*****	*****	(19) MG/L	0	1/1	GR	
	PERMIT MEASUREMENT	*****	*****	***	7 INST MIN	*****	*****	(19) MG/L		THREE/WEEK	GRAB	
PH 00400 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	***	7.3	*****	8.1	(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	8138	9197	(26) LBS/DY	*****	322	379	(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	56	81	(26) LBS/DY	*****	2	3	(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	421	447	(26) LBS/DY	*****	17	21	(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 1 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	7	8	(26) LBS/DY	*****	0.3	0.3	(19) MG/L	0	3/7	CP	
	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) 00665 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	****	*****	0.4	0.6	(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 these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.							TELEPHONE		DATE		
Greg C. Heitzmen Interim Executive Director	<i>Richard Mills</i>							502	540-6000	12	07	20
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	06	01		12	06	30

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 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	3.07	7.17	(03) MGD	*****	*****	*****	***	0	CN	CN
	PERMIT MEASUREMENT	REPORT MO AVG	REPORT DAILY MX	(03) MGD	*****	*****	*****	***		CONTINUOUS	CONTIN
COLIFORM, FECAL GENERAL 74055 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	***	*****	3	4	(13) 100ML	0	3/7	GR
	PERMIT MEASUREMENT	*****	*****	***	*****	200 30DA GEO	400 7 DA GEO	(13) 100ML		THREE/WEEK	GRAB
BOD, CARBONACEOUS 05 DAY, 20C 80082 G 0 0 RAW SEW/INFLUENT	SAMPLE MEASUREMENT	3423	4303	(26) LBS/DY	*****	136	176	(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
BOD, CARBONACEOUS 05 DAY, 20C 80082 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	56	63	(26) LBS/DY	*****	2	3	(19) MG/L	0	3/7	CP
	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 PERCENTREMOVAL	SAMPLE MEASUREMENT	*****	*****	***	98	*****	*****	(23) CENT	0	1/30	CA
	PERMIT MEASUREMENT	*****	*****	***	85 MO MIN	*****	*****	(23) CENT		ONCE/MONTH	CALCTD
SOLIDS, SUSPENDED PERCENT REMOVAL 81011 K 0 0 PERCENTREMOVAL	SAMPLE MEASUREMENT	*****	*****	***	99	*****	*****	(23) CENT	0	1/30	CA
	PERMIT MEASUREMENT	*****	*****	***	85 MO MIN	*****	*****	(23) CENT		ONCE/MONTH	CALCTD
	SAMPLE MEASUREMENT										
	PERMIT MEASUREMENT										
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	I CERTIFY UNDER PENALTY FO LAW THAT I HAVE PERSONALLY EXAMINED AMD AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN AND BASED ON MY INQUIRY OF THOSE INDIVIDALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FRO 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	07	20	
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)

Facility Name/Location (if different)

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 Y
 DISCHARGE NUMBER

MAJOR (SUBR LV)
 F - FINAL JEFFE
 QUARTERLY METALS/BIOMONITORING EFFLUENT
 [] No Discharge

LOCATION LOUISVILLE KY 40245
 ATTN: DENNIS THOMASSON SR. METRO OPS

MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY
12	04	01		12	06	30

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				
HARDNESS, TOTAL (AS CaCO3)	SAMPLE MEASUREMENT	*****	*****	***	*****	233	233	(19) MG/L	0	1/31	CP	
00900 1 0 0	PERMIT MEASUREMENT	*****	*****	***	*****	REPORT MO AVG	REPORT DAILY MX	(19) MG/L		ONCE/MONTH	COMPOS	
EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	***	*****	0.024	0.024	(19) MG/L	0	1/90	CP	
ZINC TOTAL RECOVERABLE	PERMIT MEASUREMENT	*****	*****	***	*****	REPORT MO AVG	REPORT DAILY MX	(19) MG/L		QTRLY	COMPOS	
01094 1 0 0	MEASUREMENT	*****	*****	***	*****	< 0.001	< 0.001	(19) MG/L	0	1/90	CP	
EFFLUENT GROSS VALUE	PERMIT MEASUREMENT	*****	*****	***	*****	REPORT MO AVG	REPORT DAILY MX	(19) MG/L		QTRLY	COMPOS	
CADMIUM TOTAL RECOVERABLE	SAMPLE MEASUREMENT	*****	*****	***	*****	< 0.08	< 0.08	(19) MG/L	0	1/31	CP	
01113 1 0 0	PERMIT MEASUREMENT	*****	*****	***	*****	REPORT MO AVG	REPORT DAILY MX	(19) MG/L		ONCE/MONTH	COMPOS	
EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	***	*****	< 0.006	< 0.006	(19) MG/L	0	1/90	CP	
COPPER TOTAL RECOVERABLE	PERMIT MEASUREMENT	*****	*****	***	*****	REPORT MO AVG	REPORT DAILY MX	(19) MG/L		QTRLY	COMPOS	
01119 1 0 0	MEASUREMENT	*****	*****	***	*****	*****	< 1.0	(2G) TOXCTY	0	1/90	CP	
TOXICITY, FINAL CONC TOXICITY UNITS	PERMIT MEASUREMENT	*****	*****	***	*****	*****	REPORT DAILY MX	(2G) TOXCTY		QTRLY	COMPOS	
61406 1 0 0	MEASUREMENT											
EFFLUENT GROSS VALUE	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		
Greg C. Heitzman Interin Executive Director	Richard Mills							502	540-6000	12	06	11
TYPED OR PRINTED								SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT		AREA CODE	NUMBER	YEAR

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

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	CAL/DAY X 1000	MLSS X 1000	WAST ED	CAL/DAY X 1000	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.	60 MIN.	GALLONS X 1000	% DRY SOLIDS	% VOLATILE SOLIDS	% DRY SOLIDS	% VOLATILE SOLIDS	WITHDRAWN GALLONS X 1000						
1	7.17	2.48	2.48	7.2	7.9												1.84	10.23	28		5.7	2.73	2.16	290		2.11												
2	4.64	2.48	2.48	7.3	7.5												1.59	2.12	0		6.9	0.37	0.32	60		4.08												
3	3.78	2.48	2.48	7.1	7.8												1.4	5.29	67		6.5	3.37	2.52	310		3.4						0	0.16	0.17			2	
4	3.58	2.48	2.48	7.0	7.9												1.53	6.01	53		6.2	3.03	2.27	300		3.3						31.5	0.17	0.22			4	
5	3.42	2.48	2.48	7.0	7.8												1.23	7.99	35		6	2.67	1.98	290		3.72						69.3	0.22	0.39			2	
6	3.25	2.48	2.48	7.1	7.7												1.39	4.15	50		4.9	2.87	2.19	290		3.01						31.5						
7	3.06	2.48	2.48	6.9	7.6												1.34	6.4	45		4.8	2.77	2.06	290		2.87						86.4						
8	2.91	2.48	2.48	6.9	7.5												0.99	4.5	55		5.2	2.81	2.09	290		2.78						25.2						
9	2.80	2.48	2.48	6.9	7.8												1.24	4.8	53		4.3	2.44	1.84	310		2.64						0						
10	2.85	2.48	2.48	7.1	7.7												1.07	5.05	55		5	2.65	2	270		2.59					0	0.47	0.11			2		
11	3.10	2.48	2.48	7.0	7.4												0.987	4.44	58		4.9	2.74	2.09	270		2.64					61.5	0.42	0.11			2		
12	2.80	2.48	2.48	7.0	7.4												1.04	4.79	55		4.6	2.72	2.04	250		2.49					18	0.47	0.34			5		
13	2.76	2.48	2.48	7.0	7.3												1.08	4.04	58		4.8	2.64	1.91	260		2.07					49.2							
14	2.60	2.48	2.48	6.9	7.6												1.16	4.55	55		5.2	2.57	1.92	250		1.195					55.2							
15	2.61	2.48	2.48	6.9	7.6												1.23	4.4	55		5	2.64	2.01	250		1.54					0							
16	3.41	2.48	2.48	6.9	7.5												1.08	6.76	40		4.9	2.57	1.92	250		1.99					0							
17	3.54	2.48	2.48	7.0	7.9												1.23	5.68	45		5.2	2.67	2.01	260		2.12					0	0.22	0.28			2		
18	3.15	2.48	2.48	7.0	7.5												1.14	5.29	52		5	2.76	2.07	260		2.06					63	0.28	0.28			20		
19	2.87	2.48	2.48	7.2	7.5												1.15	5.1	55		5.6	2.85	2.14	290		1.79					50.4	0.29	0.28			2		
20	2.84	2.48	2.48	7.2	8.1												1.24	4.89	55		1.9	2.69	2.01	290		1.7					31.5							
21	2.71	2.48	2.48	7.0	7.7												1.55	4.91	51		4.2	2.48	1.93	290		1.7					42.9							
22	2.66	2.48	2.48	7.0	7.6												1.45	4.83	51		4.7	2.45	1.86	300		1.59					0							
23	2.57	2.48	2.48	7.0	7.6												1.11	4.12	50		4.6	2.21	1.74	280		1.59					0							
24	2.57	2.48	2.48	7.1	7.6												1.12	4.08	51		4.4	2.33	1.77	270		1.58					0	0.67	0.22			2		
25	2.57	2.48	2.48	7.0	7.4												1.41	5.06	50		4.3	2.49	1.89	270		1.52					36	0.58	0.28			2		
26	2.49	2.48	2.48	7.0	7.6												1.25	4.48	50		5.1	2.31	1.71	270		1.48					75.6	0.56	0.39			3		
27	2.37	2.48	2.48	6.8	7.3												1.15	3.18	58		4.9	2.51	1.84	290		1.4					63							
28	2.31	2.48	2.48	6.8	7.4												1.06	4.66	52		4.6	2.44	1.84	270		1.43					0							
29	2.32	2.48	2.48	6.7	7.4												1	4.38	52		3.5	2.5	1.85	270		1.91					0							
30	2.39	2.48	2.48	6.7	7.5												1.05	4.9	50		3.6	2.46	1.83	300		1.29					0							
Tot.	92.07	74.4	74.4														37.11																					48
Avg.	3.070	2.48	2.48	7.0	7.6												1.237	5.036	49.47		4.883	2.558	1.927	271.3		2.186					30.33	0.38	0.26			3		

RESIDENTIAL
COMMERCIAL
INDUSTRIAL

INDUSTRIAL WASTE POPULATION EQUIVALENT
29238
FLOW

20408
CBOD

39259
TSS

Randolph P. Kustes Jr.
OPERATOR

14555
CERT. NO.

TOTAL NUMBER OF SEWER CONNECTIONS _____ 0 _____

SEWER CONNECTIONS _____ 0 _____ X _____ 4 _____ = _____ 0 _____ SEWERED POPULATION

502-253-9310
PLANT TELEPHONE