



October 22, 2012

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

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

There were no exceedences, bypasses or overflows to report.

The 3rd Quarter Biomonitoring DMR is attached.

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 09/12

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

[] No Discharge

MONITORING PERIOD

YEAR	MO	DAY	FROM	TO	YEAR	MO	DAY
12	09	01			12	09	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	SAMPLE MEASUREMENT	*****	*****	***	8	*****	*****	(19) MG/L	0	1/1	GR	
EFFLUENT GROSS VALUE	PERMIT MEASUREMENT	*****	*****	***	7 INST MIN	*****	*****	(19) MG/L		THREE/ WEEK	GRAB	
PH 00400 1 0 0	SAMPLE MEASUREMENT	*****	*****	***	7.1	*****	8.0	(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 00530 G 0 0	SAMPLE MEASUREMENT	14709	18181	(26) LBS/DY	*****	551	741	(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	55	66	(26) LBS/DY	*****	2	2	(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	554	609	(26) LBS/DY	*****	21	25	(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 1 0	SAMPLE MEASUREMENT	14	17	(26) LBS/DY	*****	0.5	0.6	(19) MG/L	0	3/7	CP	
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) 00665 1 0 0	SAMPLE MEASUREMENT	*****	*****	****	*****	0.4	0.8	(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	 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT							502	540-6000	12	10	15
TYPED OR PRINTED								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

YEAR	MO	DAY	TO	YEAR	MO	DAY
12	09	01		12	09	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			
FLOW, IN CONDUIT OR THRU TREATMENT PLANT 50050 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	3.40	6.96	(03) MGD	*****	*****	*****	***	0	CN	CN
	PERMIT MEASUREMENT	REPORT MO AVG	REPORT DAILY MX	(03) MGD	*****	*****	*****	***		CONTIN UOUS	CONTIN
COLIFORM, FECAL GENERAL 74055 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	***	*****	2	3	(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	5838	6291	(26) LBS/DY	*****	221	247	(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	55	66	(26) LBS/DY	*****	2	2	(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	*****	*****	***	99	*****	*****	(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	*****	*****	***	100	*****	*****	(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 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 10 15			
TYPED OR PRINTED						NUMBER		YEAR MO DAY			
COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT					AREA CODE					

PERMITTEE NAME/ADDRESS (include

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NAME FLOYDS FORK WQTC MSD
ADDRESS C/O CEDAR CREEK WQTC
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LOUISVILLE KY 40211
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DISCHARGE MONITORING REPORT (DMR)

KY0102784
PERMIT NUMBER

001 Y
DISCHARGE NUMBER

MONITORING PERIOD										
FROM			TO	YEAR			MO		DAY	
YEAR	MO	DAY		YEAR	MO	DAY				
12	07	01		12	09	30				

MAJOR (SUBR LV)
F - FINAL JEFFE
QUARTERLY METALS/BIOMONITORING
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				
HARDNESS, TOTAL (AS CaCO3) 00900 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	***	*****	274	274	(19) MG/L	0	1/90	COMPOS	
	PERMIT MEASUREMENT	*****	*****	***	*****	REPORT MO AVG	REPORT DAILY MX	(19) MG/L		ONCE/MONTH	COMPOS	
ZINC TOTAL RECOVERABLE 01094 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	***	*****	0.037	0.037	(19) MG/L	0	1/90	COMPOS	
	PERMIT MEASUREMENT	*****	*****	***	*****	REPORT MO AVG	REPORT DAILY MX	(19) MG/L		QTRLY	COMPOS	
CADMIUM TOTAL RECOVERABLE 01113 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	***	*****	<0.001	<0.001	(19) MG/L	0	1/90	COMPOS	
	PERMIT MEASUREMENT	*****	*****	***	*****	REPORT MO AVG	REPORT DAILY MX	(19) MG/L		QTRLY	COMPOS	
LEAD TOTAL RECOVERABLE 01114 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	***	*****	<0.08	<0.08	(19) MG/L	0	1/90	COMPOS	
	PERMIT MEASUREMENT	*****	*****	***	*****	REPORT MO AVG	REPORT DAILY MX	(19) MG/L		ONCE/MONTH	COMPOS	
COPPER TOTAL RECOVERABLE 01119 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	***	*****	<0.006	<0.006	(19) MG/L	0	1/90	COMPOS	
	PERMIT MEASUREMENT	*****	*****	***	*****	REPORT MO AVG	REPORT DAILY MX	(19) MG/L		QTRLY	COMPOS	
TOXICITY, FINAL CONC TOXICITY UNITS 61406 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	***	*****	*****	<1.0	(2G) TOXCTY	0	1/90	COMPOS	
	PERMIT MEASUREMENT	*****	*****	***	*****	*****	REPORT DAILY MX	(2G) TOXCTY		QTRLY	COMPOS	
	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	10	15
TYPED OR PRINTED								AREA CODE	NUMBER	YEAR	MO	DAY
COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)							SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT					

NAME OF TREATMENT PLANT FLOYDS FORKCOUNTY JEFFERSONMONTH OF: September 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	2.62	2.48	2.48	7.7	7.7					9.0								1.99	3.05	68	3.6	2.31	1.89	240		1.896				0					
2	3.11	2.48	2.48	7.1	7.2					9.1								1.66	4.11	59	5.3	2.44	1.76	230		2.191				0					
3	3.96	2.48	2.48	7.1	8.0					8.9		334		2	176		2	1.95	4.96	50	4.4	2.34	1.71	250		2.832				0	0.93	0.34	2		
4	2.19	2.48	2.48	7.0	7.6					8.2		618		2	373		2	0.297	9.59	26	5.1	2.44	1.82	240		1.922				0	0.68	0.22	2		
5	3.76	2.48	2.48	6.7	7.6					8.1		438		2	171		2	0.658	8.12	30	4.1	2.3	1.7	210		1.953				63	0.64	0.84	2		
6	3.98	2.48	2.48	6.9	7.7					8.6								0.773	7.69	36	3.2	2.61	1.95	220		1.878				94.5					
7	3.19	2.48	2.48	6.9	7.7					8.7								1.76	7.83	35	3	2.55	1.95	250		1.951				37.8					
8	6.96	2.48	2.48	7.0	7.6					8.9								2.59	6.63	38	4	2.39	1.95	200		4.958				0					
9	5.05	2.48	2.48	7.0	7.7					8.8		386		2	132		2	0.532	6.92	40	5	2.52	1.8	220		3.01				0	0.38	0.62	2		
10	3.53	2.48	2.48	7.2	7.8					8.9		400		2	226		2	0.605	7.01	40	5.2	2.58	1.9	250		2.551				0	0.15	0.45	2		
11	3.35	2.48	2.48	7.2	7.8					11.0		352		2	216		2	0.771	8.57	32	3.6	2.5	1.99	250		2.473				0	0.17	0.45	2		
12	3.37	2.48	2.48	7.2	7.8					9.5								0.871	8.09	35	3.3	2.66	1.85	250		2.446				88.2					
13	3.25	2.48	2.48	7.2	7.8					8.3								0.707	5.61	44	1.7	2.29	1.96	230		2.325				79.8					
14	2.91	2.48	2.48	7.1	7.8					8.4								0.786	4.24	58	2.5	2.27	1.67	220		2.147				18					
15	2.74	2.48	2.48	7.2	7.9					8.6								0.783	5.44	47	2.7	2.37	1.67	240		2.026				0					
16	2.83	2.48	2.48	7.0	7.7					9.5		488		2	242		2	0.486	6.11	43	1.9	2.39	1.69	220		2.063				0	0.32	0.56	2		
17	3.05	2.48	2.48	7.1	7.9					9.4		576		2	280		2	0.616	5.11	43	2	2.06	1.79	200		2.152				0	0.27	0.67	2		
18	3.30	2.48	2.48	7.0	7.7					8.4		796		2	220		2	0.63	5.93	41	1	2.23	1.45	200		2.328				0	0.23	0.56	2		
19	3.26	2.48	2.48	7.1	7.5					8.6								0.629	5.73	45	3.4	2.54	1.62	220		2.245				105.6					
20	2.86	2.48	2.48	7.2	7.4					8.5								0.547	5.4	52	2.2	2.75	1.77	220		2.09				61.2					
21	2.81	2.48	2.48	7.1	7.4					8.5								0.445	6.94	40	1.7	2.57	1.86	200		2.005				18.9					
22	2.67	2.48	2.48	7.2	7.4					8.6								0.539	5.09	60	1.5	2.87	1.92	220		1.984				0					
23	2.69	2.48	2.48	7.0	7.1					11.0		508		2	198		2	0.499	3.8	70	1.5	2.64	1.8	220		2.004				0	0.17	0.34	2		
24	2.84	2.48	2.48	7.2	7.7					8.8		704		2	189		2	0.545	9.29	25	1.6	2.31	1.58	200		1.936				0	0.18	0.28	2		
25	3.14	2.48	2.48	7.2	7.4					8.7		1010		2	230		2	0.498	8.89	30	1.3	2.55	1.74	200		2.086				0	0.27	0.45	4		
26	3.59	2.48	2.48	7.2	7.6					8.7								0.369	7.97	35	1.4	2.21	1.44	200		2.49				93					
27	4.78	2.48	2.48	7.2	7.5					8.9								0.726	6.15	50	3.3	2.85	1.9	200		3.477				104.7					
28	3.72	2.48	2.48	7.3	7.8					9.2								0.867	8.58	45	3	3.62	2.38	250		2.58				0					
29	3.33	2.48	2.48	7.0	7.8					9.0								0.844	8.35	38	2.7	2.98	1.84	200		2.328				0					
30	3.23	2.48	2.48	7.1	7.9					9.2								0.935	6.88	40	2.9	2.47	1.59	180		2.301				0					
Tot.	102.06	74.4	74.4												25.91										70.63					764.7					
Avg.	3.40	2.48	2.48	7.1	7.7					8.9		551		2	221		2	0.8636	6.603	43.17	2.937	2.52	1.798	221		2.35427				25.49	0.37	0.48	2		

RESIDENTIAL
COMMERCIAL
INDUSTRIAL

INDUSTRIAL WASTE POPULATION EQUIVALENT

32400
FLOW36899
CBOD74422
TSSRandolph P. Kustes Jr.
OPERATOR14555
CERT. NO.

TOTAL NUMBER OF SEWER CONNECTIONS

0

SEWER CONNECTIONS 0 X 4 = 0 SEWERED POPULATION

502-253-9310

PLANT TELEPHONE