



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

October 13, 2011

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

**RE: Floyds Fork WQTC, KPDES No: KY0102784
Discharge Monitoring Report for Sept. 2011**

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 Sept. 2011.

Also attached are the third quarter Biomonitoring DMR's.

There were no exceedences, overflows or bypasses to report this month.

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

Sincerely,

A handwritten signature in black ink, appearing to read "Kevin Thompson", written over a horizontal line.

Kevin Thompson
Process Supervisor, East Region

RM/ Floyds Fork 9.11

Enclosures

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



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

KENTUCKY POLLUTANT DISCHARGE ELIMINATION SYSTEM (KPDES)
 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 11 MO 09 DAY 01 TO YEAR 11 MO 09 DAY 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, DISSOLVED (DO)	SAMPLE MEASUREMENT	*****	*****	***	8	*****	*****	(19) MG/L	0	1/1	GR
00300 1 0 0	PERMIT MEASUREMENT	*****	*****	***	7 INST MIN	*****	*****	(19) MG/L		THREE/WEEK	GRAB
EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	***	7.4	*****	8.6	(12) SU	0	1/1	GR
PH	PERMIT MEASUREMENT	*****	*****	***	6.0 MINIMUM	*****	9.0 MAXIMUM	(12) SU		THREE/WEEK	GRAB
00400 1 0 0	SAMPLE MEASUREMENT	*****	*****	***	*****	237	256	(19) MG/L	0	3/7	CP
EFFLUENT GROSS VALUE	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	6192	7133	(26) LBS/DY	*****	2	3	(19) MG/L	0	3/7	CP
00530 G 0 0	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
RAW SEW/INFLUENT	SAMPLE MEASUREMENT	69	118	(26) LBS/DY	*****	20	23	(19) MG/L	0	3/7	CP
SOLIDS, TOTAL SUSPENDED	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
00530 1 0 0	SAMPLE MEASUREMENT	504	519	(26) LBS/DY	*****	0.5	1.0	(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
NITROGEN, AMMONIA TOTAL (AS N)	SAMPLE MEASUREMENT	18	50	(26) LBS/DY	*****	0.2	0.3	(19) MG/L	0	3/7	CP
00610 G 0 0	PERMIT MEASUREMENT	*****	*****	****	*****	1.0 MO AVG	1.5 MX WK AV	(19) MG/L		THREE/WEEK	COMPOS
RAW SEW/INFLUENT	SAMPLE MEASUREMENT	*****	*****	****	*****	*****	*****	(19) MG/L	0	3/7	CP
NITROGEN, AMMONIA TOTAL (AS N)	PERMIT MEASUREMENT	*****	*****	****	*****	*****	*****	(19) MG/L		THREE/WEEK	COMPOS
00610 1 1 0	SAMPLE MEASUREMENT	*****	*****	****	*****	*****	*****	(19) MG/L	0	3/7	CP
EFFLUENT GROSS VALUE	PERMIT MEASUREMENT	*****	*****	****	*****	*****	*****	(19) MG/L		THREE/WEEK	COMPOS
PHOSPHORUS, TOTAL (AS P)	SAMPLE MEASUREMENT	*****	*****	****	*****	*****	*****	(19) MG/L	0	3/7	CP
00665 1 0 0	PERMIT MEASUREMENT	*****	*****	****	*****	*****	*****	(19) MG/L		THREE/WEEK	COMPOS
EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	****	*****	*****	*****	(19) MG/L	0	3/7	CP
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.				SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT		TELEPHONE		DATE		
H J SCHARDEIN EXECUTIVE DIRECTOR					502		540-6000		11 10 14		
TYPED OR PRINTED					AREA CODE		NUMBER		YEAR MO DAY		

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

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 MO DAY TO YEAR MO DAY
 11 09 01 11 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	SAMPLE MEASUREMENT	3.03	5.88	(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	*****	*****	***	*****	4	4	(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	2994	3329	(26) LBS/DY	*****	118	137	(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	53	69	(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	1/30	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			
H J SCHARDEIN EXECUTIVE DIRECTOR						502 540-6000		11 10 14			
TYPED OR PRINTED						AREA CODE		NUMBER			
COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)					SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT		AREA CODE		NUMBER		

KENTUCKY POLLUTANT DISCHARGE ELIMINATION SYSTEM (KPDSES)
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

LOCATION LOUISVILLE KY 40245

ATTN: DENNIS THOMASSON SR. METRO OPS

KY0102784
PERMIT NUMBER

001 Y
DISCHARGE NUMBER

MONITORING PERIOD
YEAR MO DAY
FROM 11 09 01 TO 11 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	*****	*****	***	*****	262	262	(19) MG/L	0	1/90	CP
	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	*****	*****	***	*****	<0.005	<0.005	(19) MG/L	0	1/90	CP
	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	CP
	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 MONTH	CP
	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	*****	*****	***	*****	<0.003	<0.003	(19) MG/L	0	1/90	CP
	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	*****	*****	***	*****	*****	<1.00	(2G) TOXCTY	0	1/90	CP
	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 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						502 540-6000		11 10 14			
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				

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		WASTE	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	50 MIN.	50 MIN.	GALLONS X 1000	% DRY SOLIDS	% VOLATILE SOLIDS	% DRY SOLIDS	% VOLATILE SOLIDS			
1	2,426	2,48	2,48	7.2	8.1					9.0		304		2	141		2	1.33	4.63	52	3.4	2.37	1.69	250		1.23				66	0.10	1.70	4	
2	2,374	2,48	2,48	7.1	7.7					8.0								1.4	4.04	57	2.5	2.35	1.66	250		1.2				65.6				
3	2,394	2,48	2,48	7.3	7.8					8.0								1.3	3.34	68	2.7	2.35	1.71	250		1.23				0				
4	2,527	2,48	2,48	7.6	8.2					8.0								1.3	2.79	55	2.7	2.19	1.7	250		1.22				0				
5	2,880	2,48	2,48	7.5	8.0					9.0		214		4	156		2	1	4.38	55	3.5	2.45	1.67	250		1.43				25.4	0.13	0.06	4	
6	2,899	2,48	2,48	7.8	8.2					8.0		204		2	114		2	1.22	3.91	55	3	2.42	1.71	250		1.45				107.8	0.14	0.06	4	
7	2,824	2,48	2,48	8.3	8.6					8.0								1.22	4.02	61	2.9	2.52	1.93	250		1.41				71.1				
8	2,841	2,48	2,48	8.0	8.5					9.0		207		2	89		2	1.14	3.18	50	3.2	2.32	1.66	250		1.4				45.6	0.16	0.06	4	
9	2,731	2,48	2,48	7.8	8.2					8.0								1.06	4.09	55	3.5	2.45	1.75	250		1.33				76.3				
10	2,685	2,48	2,48	7.2	7.7					8.0								1.15	4.74	47	3.3	2.39	1.67	250		1.39				25.2				
11	2,739	2,48	2,48	7.1	7.7					8.0		252		2	102		2	1.19	3.5	55	3.4	2.34	1.62	260		1.42				0	0.20	0.06	4	
12	3,112	2,48	2,48	7.2	7.8					9.0		308		2	138		2	1.04	4.48	50	2.7	2.29	1.62	250		1.57				72.4	0.19	0.06	4	
13	2,735	2,48	2,48	7.1	7.6					9.0								1.22	4.7	50	2.9	2.4	1.7	250		1.35				78.7				
14	2,604	2,48	2,48	7.0	7.4					8.0								1.18	4.48	48	2.9	2.23	1.57	250		1.24				65.3				
15	2,933	2,48	2,48	7.0	7.6					8.0		268		2	155		2	1.14	4.38	52	2.2	2.31	1.65	250		1.48				76.3	0.17	0.17	4	
16	2,682	2,48	2,48	7.8	8.3					9.0								1.25	3.83	55	3.4	2.3	1.61	250		1.28				64.6				
17	2,640	2,48	2,48	7.4	7.9					8.0								1.08	3.88	55	3	2.38	1.7	250		1.31				31.5				
18	2,793	2,48	2,48	7.3	7.8					8.0		250		2	161		2	1.07	3.89	55	3.8	2.49	1.78	250		1.33				34.8	0.29	0.45	4	
19	3,222	2,48	2,48	7.0	7.7					8.0		210		2	91		2	1.15	4.37	50	2.5	2.35	1.64	250		1.61				66.4	0.26	0.56	4	
20	3,142	2,48	2,48	7.2	7.8					8.0								1.12	5.9	40	3.2	2.45	1.76	250		1.65				59.9				
21	3,044	2,48	2,48	7.0	7.7					8.0								1.06	5.45	45	2.9	2.47	1.8	250		1.53				69.3				
22	2,918	2,48	2,48	7.0	7.6					8.0		220		2	118		2	1.08	4.79	45	3.7	2.37	1.69	250		1.44				69.3	0.16	0.06	4	
23	3,893	2,48	2,48	7.0	7.6					8.0								1.05	5.05	44	3.3	2.24	1.61	250		2.07				0				
24	3,466	2,48	2,48	7.2	8.1					8.0								1.11	4.91	44	2.8	2.15	1.53	250		1.8				0				
25	3,560	2,48	2,48	7.6	8.2					8.0		205		2	96		2	0.467	4.69	51	3.5	2.4	1.77	250		1.65				0	0.32	0.06	4	
26	5,682	2,48	2,48	7.5	8.2					9.0		203		5	59		2	2.35	6.86	28	2	2	1.45	200		3.72				66.9	0.43	3.00	4	
27	3,952	2,48	2,48	7.5	8.1					9.0								1.38	4.88	33	4	2.31	1.65	250		2.14				73.2				
28	3,282	2,48	2,48	7.6	7.9					8.0								1.03	6.27	38	3.4	2.45	1.78	260		1.68				69.3				
29	2,965	2,48	2,48	7.7	8.0					9.0								1.27	5.37	45	1.7	2.51	1.83	250		1.57				69.3				
30	2,891	2,48	2,48	7.6	8.1					9.0								0.992	5.09	48	3	2.48	1.8	250		1.47				42.5				
31																																		
Tot.	91.04	74.4	74.4															35.349									46.6				1492.5			
Avg.	3.035	2.48	2.48	7.4	7.9					8.3		237		2	118		2	1.1783	4.53	49.53	3.033	2.358	1.69	249		1.553				49.75	0.21	0.52	4	

RESIDENTIAL
COMMERCIAL
INDUSTRIAL

INDUSTRIAL WASTE POPULATION EQUIVALENT

28901

FLOW

17592

CBOD

28572

TSS

Randolph P. Kustes Jr

OPERATOR

14555

CERT. NO.

TOTAL NUMBER OF SEWER CONNECTIONS

SEWER CONNECTIONS

0

X

4

=

0

SEWERED POPULATION

502-587-5867

PLANT TELEPHONE