

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

April 21, 2010

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

RE:

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

There were no exceedences for the month of March at Floyds Fork WQTC. Also included are the Overflow Reports, bypass report and the First quarter Bio monitoring DMRs.

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

Sincerely,

John Kessel

Process Supervisor, West Region

DJR/ Floyds Fork 0310

Enclosures

cc:

C. Roth (DOW Louisville)

T. Singleton

R. Shaw



PERMITTEE NAME/ADDRESS (Include

Facility Name/Location if different)

FACILITY

FLOYDS FORK WQTC MSD NAME **ADDRESS** C/O CEDAR CREEK WQTC 8405 CEDAR CREEK RD LOUISVILLE KY 40211

FLOYDS FORK WQTC MSD

LOCATION LOUISVILLE KY 40245 ATTN: DENNIS THOMASSON - SR METRO ORS KENTUCKY POLLUTANT DISCHARGE ELIMINATION SYSTEM (KPDES) DISCHARGE MONITORING REPORT (DMR)

MO DAY

01

TO

03

KY0102784	
PERMIT NUMBER	

YEAR

FROM 10

001 1 DISCHARGE NUMBER

MONITORING PERIOD

03

DAY

31

МО

YEAR

10

MAJOR (SUBR LV)

F - FINAL **JEFFE** MUNICIPAL DISCHARGE

EFFLUENT [] No Discharge

ATTN: DENNIS THOMASSON	SR. METRO OP	NOTE: Read instructions before completing this form									
PARAMETER			QUANTITY OR LOADING QUALITY OR CONCENTRATION								
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS		ANALYSIS	
OXYGEN, DISSOLVED	SAMPLE	*****	*****	***	9	*****	*****	(19)	0	1/1	GRAB
(DO)	MEASUREMENT			***	-			MG/L	Ū	"'	O. C.
00300 1 0 0	PERMIT	*****	*****	***	7	*****	*****	(19)	9.18	THREE	GRAB
EFFLUENT GROSS VALUE	MEASUREMENT			***	INST MIN		Comments	MG/L		WEEK	
PH	SAMPLE	*****	*Arskriketketk	***	7.2	*****	8.7	(12)	0	1/1	GRAB
	MEASUREMENT			***				`su	_		
00400 1 0 0	PERMIT	*****	*****	disk ik	6.0	*****	9.0	(12)	MI W	THREE/	GRAB
EFFLUENT GROSS VALUE	MEASUREMENT			***	MINIMUM	2016555	MAXIMUM	`su		WEEK	
SOLIDS, TOTAL	SAMPLE	3564	4108	(26)	*****	181	210	(19)	0	3/7	COMPOS
SUSPENDED	MEASUREMENT			LBS/DY				MG/L			
00530 G 0 0	PERMIT	REPORT	REPORT	(26)	***	REPORT	REPORT	(19)		THREE/	COMPOS
RAW SEW/INFLUENT	MEASUREMENT	MO AVG	MX WK AV	LBS/DY		MO AVG	MX WK AV	MG/L		WEEK	
SOLIDS, TOTAL	SAMPLE	47	66	(26)	*****	2	3	(19)	0	3/7	COMPOS
SUSPENDED	MEASUREMENT			LBS/DY				MG/L			
00530 1 0 0	PERMIT	813	1220	(26)	*****	30	45	(19)	1 2 1 4	THREE	COMPOS
EFFLUENT GROSS VALUE	MEASUREMENT	MO AVG	MXWKAV	LBS/DY		MO AVG	MX WK AV	MG/L		WEEK	
NITROGEN, AMMONIA	SAMPLE	357	368	(26)	. *****	18	20	(19)	0	3/7	COMPOS
TOTAL (AS N)	MEASUREMENT	2007(4194)		LBS/DY				MG/L			
00610 G 0 0	PERMIT	REPORT	REPORT	(26)	******	REPORT	REPORT	(19)	1	Division Markhay Stranger	COMPOS
RAW SEW/INFLUENT	MEASUREMENT	MO AVG	MX WK AV	LBS/DY		MO AVG	MXWKAV	MG/L	10	WEEK	
NITROGEN, AMMONIA TOTAL (AS N)	SAMPLE	/	19	(26)	*****	0.3	0.9	(19)	0	3/7	COMPOS
00610 1 2 0	MEASUREMENT		AND THE PERSON OF THE PERSON O	LBS/DY				MG/L			
EFFLUENT GROSS VALUE	PERMIT	136	203	(26)	****	5	7.5	(19)		AND PROPERTY AND AND AND AND ADDRESS.	COMPOS
PHOSPHORUS, TOTAL	MEASUREMENT SAMPLE	MO AVG	MX WK AV	LBS/DY	*****	MO AVG	MX WK AV	MG/L		WEEK	
(AS P)	MEASUREMENT	*****	****	***	*****	0.1	0.1	(19)	0	3/7	COMPOS
00665 1 0 0	PERMIT	*****	*****	***	****			MG/L	Wiconskowt.		
EFFLUENT GROSS VALUE	MEASUREMENT	****	*****	****	10 Marin 1997	110 0 10	1.5	(19)	1 1	STATE OF STA	COMPOS
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	I CERTIFY UNDER PENALT	Y FO LAW THAT I HAVE PER	SONALLY EXAMINED AMD AM	FAMILIAR WITH THE	INFORMATION	MO AVG	MX WK AV	MG/L EPHONE		WEEK	-
H J SCHARDEIN	SUBMITTED HEREIN AND I THE INFORMATION, I BELLI	BASED ON MY INQUIRY OF T EVE THE SUBMITTED INFORI	HOSE INDIVIDALS IMMEDIATE MATION IS TRUE, ACCURATE	LY RESPONSIBLE FO	DR OBTAINING M AWARETHAN	$\sqrt{}$		CHONE	\dashv	DAT	
EXECUTIVE DIRECTOR	AND IMPRISONMENT, SEE	PENALTIES FRO SUBMITTING 18 U.S.C. 1001 AND 33 U.S.C	3 FALSE INFORMATION, INCLU 1319. (Penalties under these s	JDING THE POSSIBIL	ITY OF FINE IN TO THE	₹ () 💙	502	540-600	₂₀	10 04	4 27
	and/or moximum imprisonme	ent of between 6 months and 5	yoars.	namico may musudo ili	SIGNATI	IBE OF PRINCIPAL E	XEGUTIVE AREA	NUMBER			· •
TYPED OR PRINTED					DEED	ER OR AUTHORIZED				YEAR MO	DAY
COMMENT AND EXPLANTION OF ANY VIOLATIONS	(Reference all attachm	ents here)						·····		•	

LOCATION LOUISVILLE

KENTUCKY POLLUTANT DISCHARGE ELIMINATION SYSTEM (KPDES)

The state of the s	
DISCHARGE MONITORING REPORT (MR)

NAME	FLOYDS FORK WOTC MSD
ADDRESS	C/O CEDAR CREEK WQTC
	8405 CEDAR CREEK RD
	LOUISVILLE KY 40211
ACILITY	FLOYDS FORK WQTC MSD

KY 40245

KY0102784 PERMIT NUMBER

001 1 DISCHARGE NUMBER

МО

03

DAY

31

MAJOR (SUBR LV)

F - FINAL JEFFE MUNICIPAL DISCHARGE

EFFLUENT [] No Discharge

MONITORING PERIOD YEAR MO DAY YEAR FROM 10 03 01 TO 10

ATTN: DENNIS THOMASSON	NT 40245		FROM 10	03 01	TO 10	03 31	[] No Discharg	je			
PARAMETER	SR. METRO OPS	· · · · · · · · · · · · · · · · · · ·				NC	TE: Read instruct	ions before	comp	leting this	form
ANAMETER		· QUANTITY OR LOADING			QUAL		ИО	FREQUENCY	SAMPLE		
		AVERAGE	MAXIMUM	UNITS		1	T	· · · · · · · · · · · · · · · · · · ·	₽X	OF	TYPE
FLOW, IN CONDUIT OR	SAMPLE	2.45	1		MINIMUM	AVERAGE	MAXIMUM	UNITS		ANALYSIS	
THRU TREATMENT PLANT	MEASUREMENT	2.40	3.08	(03)	*****	*****	*****	***	0	CONTIN	CONTIN
50050 1 0 0	PERMIT	PEPOP	REPORT	MGD				***			
EFFLUENT GROSS VALUE	MEASUREMENT	MOAVG	DAILYMX	(03) MGD	****	*****	******	***		***************************************	CONTIN
COLIFORM, FECAL	SAMPLE	*****	****	***	*****	5		***		0000	
GENERAL	MEASUREMENT			***		5	9	(13)	0	3/7	GRAB
74055 1 0 0	PERMIT	*****	****	***	***	200	4(#)	100ML (13)	******		
EFFLUENT GROSS VALUE	MEASUREMENT			***		30DA GEO	7 DA GEO	100ML		THREE	GRAE
BOD, CARBONACEOUS	SAMPLE	2440	2771	(26)	*****	125	154	(19)	0	WE® 3/7	COMPOS
05 DAY, 20C	MEASUREMENT			LBS/DY		120	104	MG/L	0	3/1	COMPOS
80082 G 0 0	PERMIT	REPORT	REPORT	(26)	*****	REPORT	REPORT	(19)		THREE	COMPOS
RAW SEW/INFLUENT BOD, CARBONACEOUS	MEASURENIENT	MOAVG	MX VVK AV	LBS/DY		MOAVG	MX WK AV	MG/L		WEEK	
05 DAY, 20C	SAMPLE	39	42	(26)	*****	2	2	(19)	0	3/7	COMPOS
180082 1 0 0	MEASUREMENT PERMIT	271		LBS/DY				MG/L			
EFFLUENT GROSS VALUE	MEASUREMENT	MÓAVG	407 MX VVK AV	(26)	*****	10	15	(19)			COMPOS
BOD, CARB 5-DAY, 20	SAMPLE	*****	****	LBS/DY		MOAVG	NIX WE AV	MG/L		WEEK	
DEG C, PERCENT REMVL	MEASUREMENT			***	98	*****	*****	(23)	0	CALCTD	CALCTD
80091 K 0 0	PERMIT	*****		***	Č.	****		CENT	***********	0.0000000000000000000000000000000000000	**********
PERCENTREMOVAL	MEAGUREMENT			***	MOMIN			(23)		(3000), (300), (300 A0) (CALCTO
SOLIDS, SUSPENDED	SAMPLE	*****	*****	***	99	*****	*****	CENT		MONTH	2112
PERCENT REMOVAL	MEASUREMENT			***				(23) CENT	0	CALCTD	CALCTD
81011 K 0 0	PERMIT	*****	*****	***	95	******		(23)		0.00	CALCIO
PERCENTREMOVAL	MEASUREMENT			***	MOMIN			CENT		RECEIPE	
	SAMPLE									***************************************	
	MEASUREMENT PERMIT			Ļ					ľ		
	MEASUREMENT										
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	LCERTIFY UNDER DEMALTY	FO LAWTHAT I HAVE PERS	ONALLY EXAMINED AMD AM	FAMILIAR WITH THE	INFORMATION						
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EXECUTIVE DIRECTOR	AND IMPRISONMENT, SEE 1	8USC 1001 AND 33115C	1219 /Populling and an ex-	DING THE POSSIBILI	TY OF FINE	メ () ヘメ	502 1	540-600	n l	10 04	1 27
TYPED OR PRINTED	and/or maximum imprisonment	of botween 6 months and 5 ye	oars,		SIGNATU	RE OF PRINCIPAL EX	ECUTIVE AREA	NUMBER		.0 0-	' <i>'</i> '
COMMENT AND EXPLANTION OF ANY VIOLATIONS	(Reference all attachmen	its here)	:		OFEIC)	R OR AUTHORIZED	AGENT CODE		-	EAR MO	DAY
-	, an accommon				• `						

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

KENTUCKY POLLUTANT DISCHARGE ELIMINATION SYSTEM (KPDES)
DISCHARGE MONITORING REPORT (DMR)

MO DAY

01

01

MONITORING PERIOD

TO

KY0102784 PERMIT NUMBER

YEAR

FROM 10

001 Y
DISCHARGE NUMBER

MO

DAY

03 31

YEAR

10

MAJOR (SUBR LV)

F - FINAL JEFFE

QUARTERLY METALS/BIOMONITORING EFFLUENT

[] No Discharge

ATTN: DENNIS THOMASSON	SR. METRO OPS	3	<u> </u>	L 1			- [] เพด เวเรตเซเดี				
PARAMETER			OUANTITO COLLO LO		T		OTE: Read instructi	ons before	comp	leting this	form
			QUANTITY OR LOADING	•	QUA	LITY OR CONCENTRATION	N	-	NO	FREQUENCY	SAMPLE
		AVERAGE	MAXIMUM	UNITS		1	T	1	EX	OF	TYPE
HARDNESS, TOTAL	SAMPLE	*****	*****	***	MINIMUM	AVERAGE	MAXIMUM	UNITS		ANALYSIS	
(AS CACO3)	MEASUREMENT			***	****	305	305	(19)	0	1/90	COMPOS
00900 1 0 0	RERIME			***	-			MG/L			
EFFLUENT GROSS VALUE	MEASUREMENT			***	****	REPORT	REPORT	(19)		CHICE	COMPOS
ZINC	SAMPLE	*****	*****	***	*****	MO AVG	DAILY MX	MG/L		MONTH	
TOTAL RECOVERABLE	MEASUREMENT			***		0.0270	0.0270	(19)	0	1/90	COMPOS
01094 1 0 0	PERMIT	0.000		***				MG/L			
EFFLUENT GROSS VALUE	MEASUREMENT			***		REPORT	PEPORT	(19)		CTRLY	countes
CADMIUM	SAMPLE	*****	****	***	*****	MOAVG	DAILY MX	MG/L			
TOTAL RECOVERABLE	MEASUREMENT			***		<0.0001	<0.0001	(19)	0	1/90	COMPOS
01113 1 0 0	PERMIT	*****		***				MG/L			
EFFLUENT GROSS VALUE	MEASUREMENS			***		REPORT	REPORT	(19)		CIRLY	COMPOS
LEAD	SAMPLE	*****	****	***	*****	MO AVG	DAILY MX	MG/L			
TOTAL RECOVERABLE	MEASUREMENT			***		<0.004	<0.004	(19)	0	1/90	COMPOS
01114 1 0 0	PERMIT	*****		***		FERORI		MG/L		************************	************
EFFLUENT GROSS VALUE	MEASUREMENT			***		MOAVG	REPORT	(19)		ONCE	COMPOS
COPPER	SAMPLE	****	****	***	*****	<0.002	DAILY MX	MG/L	<u> </u>	MONTH	
TOTAL RECOVERABLE	MEASUREMENT			***		\0.002	<0.002	(19)	0	1/90	COMPOS
01119 1 0 0	PERMIT	*****	*****	***		REPORT	PEPOPI	MG/L	********	*************	
EFFLUENT GROSS VALUE	MEASUREMENT			***		MOAVG	DAILYMX	(19) MG/L		CHILT	COMPOS
TOXICITY, FINAL CONC	SAMPLE	. *****	*****	***	*****	*****	<1.0	(2G)		4/00	2011202
TOXICITY UNITS	MEASUREMENT			***				TOXCTY	0	1/90	COMPOS
61406 1 0 0	PERMIT	*****	*****	***			REPORT	(2G)	******	***	COMPOS
EFFLUENT GROSS VALUE	MEASUREMENT			***			DAILY MX			WIFT.	******
	SAMPLE							OACT			
	MEASUREMENT	·									l
	PERMIT							8	l		
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	MEASUREMENT										
H J SCHARDEIN	SUBMITTED HEREIN AND BA	SED ON MY INQUIRY OF TH	ONALLY EXAMINED AMD AM F OSE INDIVIDALS IMMEDIATELA ATION IS TRUE, ACCURATE A	FAMILIAR WITH THE I	NFORMATION ROBTAINING			EPHONE		DAT	E
EXECUTIVE DIRECTOR	THERE ARE SIGNIFICANT PE	ENALTIES FRO SUBMITTING	ATION IS TRUE, ACCURATE A FALSE INFORMATION, INCLUD	ND COMPLETE. I AM DING THE POSSIBILIT	AWARETHAT YOF FINE	$\mathcal{Y} \mathcal{X} $)	·····			
	and/or maximum imprisonment			atutes may include fine	sup to \$10,000	TO THE PROPERTY OF THE PARTY OF	502	540-600	0	10 04	27
TYPED OR PRINTED					OFFI	RE OF PRINCIPAL EX	~	NUMBER	_		
COMMENT AND EXPLANTION OF ANY VIOLATIONS	(Reference all attachmer	its hare)) OFFIC	MONTH AUTHORIZED	AGENT CODE			EAR MO	DAY

COUNTY JEFFERSON MONTH OF: March NAME OF TREATMENT PLANT FLOYDS FORK 2010 KPDES PERMIT NUMBER KY0102784 PLANT CAPACITY 3.5 MGD RECEIVING STREAM FLOYDS FORK ACTIVATED DISSOLVED RAW SETTLEABLE SUSPENDED SOLIDS (mg/L) 5 DAY CBOD (mg/L) SLUDGE AERATION BASIN SLUDGE HANDLING FINAL OXYGEN (mg/L) OW GALLONS) SEWAGE SOLIDS (mg/L) TOTAL FLOW (MILLION GALLON GRIT REMOVED (CUBIC FEET) FINAL EFFLUENT EFFLUENT FINAL EFFLUENT BELOW FINAL EFFLUENT (mg/L) SI LIDOF PHOSPHORUS, TOTAL (mg/L) RETURN HAULED RAW FECAL COLLFORM (COLOMIES/100ML) SCREENINGS (CUBIC FEET) VOLUME (mg/L) NH3-N (mg/L) PRIMARY EFFLUENT PRIMARY EFFLUENT DRY SOLIDS DRY SOLIDS GAL/DAY 1000 MLSS x1000 GAL/DAY X 1000 STREAM STREAM MLVSS (X 1000 ALLONS 1000 MLSS (, 30 MIN. FINAL FINAL ZAW. RAW 1 2,370 5.1 5,1 7.8 8,1 11.8 147 2 105 2 1.66 5810 6500 4.1 3410 4190 430 5040 0.06 0.08 2 2.330 5.1 5.1 8.4 11.1 330 2 164 1.48 5430 8000 3,6 3130 2230 430 4960 0.06 0.06 8.0 2 3 2.340 5.1 5.1 7.8 8.4 11.5 154 3 139 1.58 5100 7300 5.3 3070 2140 380 5040 0.06 0.06 2.190 5.1 5.1 10.8 1,6 5820 7600 3210 2250 350 4410 4 8.1 8.6 5.2 1.27 5 2,180 5.1 5.1 7.9 8.3 11.2 1.9 5830 6900 5.4 3030 2110 350 5040 6 2.290 5.1 5.1 7.8 8.3 9.8 1.73 7 5.1 1,75 2.330 5,1 8.1 8.4 10,6 8 2.130 5.1 5.1 7.7 8.2 11.2 142 2 127 2 1.8 5940 6000 4.9 3500 2450 340 4330 0.06 1.00 177 154 2820 50 9 2.140 5.1 5.1 7.3 8.4 10,6 2 1.58 6020 8500 4.3 4040 350 5510 0.06 0.06 10 2.180 5.1 5.1 7.4 10,1 237 2 182 1.62 4750 5000 3.7 2770 2410 350 5040 0.06 0.06 8,2 5.1 1.43 11 2.150 5.1 7.5 8.0 9.3 1.58 4730 6000 1.1 2960 2100 350 5040 12 2.640 5.1 5.1 7.5 8.2 9.8 1.7 4540 6000 2.8 3420 2400 380 5040 5.1 13 3,080 5.1 7.5 8.1 9.5 1.83 14 2.870 5.1 5.1 7.9 8.2 9.7 1.55 1.7 5820 5900 151 0.06 15 2.630 5.1 5.1 8.0 8.0 10.9 2 98 1,6 3580 2510 400 5040 1,80 16 2.510 5.1 5.1 7.9 8.2 10.0 118 2 97 2 1,67 7700 5800 2,6 3860 2780 400 5040 0.06 0.73 2 17 2.390 5.1 5.1 7.8 7.8 10.6 177 105 1.67 7790 5900 3.7 3750 2660 410 5040 0.06 0.06 18 2,320 5.1 5.1 7.9 7.9 10.2 1.6 5940 6200 5.7 3550 2570 430 1.36 5670 19 2.230 5.1 5.1 7.9 8.4 11.3 1.71 6840 5400 6.3 3210 2270 400 3780 20 2.410 5.1 5.1 8.0 7.4 8.9 1.76 6300 5.1 5.1 7.2 9.7 1.74 21 2.460 7.1 2.710 5.1 5.1 7.7 8.2 11.3 183 2 98 1.79 5720 5900 3.2 4220 2650 450 22 2 5040 0.06 0.06 23 2.390 5.1 5.1 8.0 8.5 10,9 221 2 126 1.66 8460 7000 5.5 3730 2620 410 5040 0.06 0,06 24 2,260 5,1 5,1 7,9 8.3 11.5 138 в 106 1.85 7470 7000 6 3740 2770 450 1.3 5040 0.06 0.06 25 2.330 5.1 5.1 78.1 8.7 10.9 1.91 6400 7000 5.9 3500 2430 360 4920 5.1 5,1 4.2 3330 2490 400 4950 26 2.960 7.8 8.2 11.1 2.1 6340 7900 27 2.780 5.1 5.1 8.1 8.2 10.0 1.95 28 2,760 5.1 5.1 7.8 8.2 9.8 1.48 5040 29 2.810 5.1 5,1 7.9 8.2 10.9 1.7 7480 6100 5,3 3530 2530 400 5.1 5.1 8.2 11.3 4.9 3270 2380 30 2.490 7.8 1.49 4890 7200 400 5040 31 2,410 5.1 5.1 7.8 8.3 11.0 1.85 9950 7000 4.8 3030 2160 360 1.35 5040 Tot. 76.07 158.1 158.1 52,99 120430 2.454 5.1 5.1 7.8 6294 6613 4,352 3428 2518 390.4 5017,92 0.06 0.34 8.2 10.6 2 1,709 1.342 Avg. 181 2 125 RESIDENTIAL INDUSTRIAL WASTE POPULATION EQUIVALENT 17663____ 23370___ Michael Carter COMMERCIAL ___15058___ 6173 CBOD TSS FLOW CERT, NO. INDUSTRIAL OPERATOR

502-587-5867

PLANT TELEPHONE

TOTAL NUMBER OF SEWER CONNECTIONS

SEWER CONNECTIONS 0 X 4 = 0 SEWERED POPULATION



PDES # Y0102784	Facili MSD(Wate FLO	er Quality Treate YDS FORK	ment Center		eceiving Stream of LOYDS FORK	Treatment Center	Regio EAST		
ocility Type PL Sewer Treatment Plant	Facility MSD02		Facility Ac	ldress E HERON RD	If Pum	Station, Name o	of Pump Station:	Receiving Stream FLOYDS FORK	Discha STREA	•	
<u>ctivity Code / Description</u> SDW: DRY WEATHER SCHARGE		<u>nitiated</u> 03/10/10 12:18 AM	Initiated By ELDER	Assigned To SPENCER	<u>Disch Status</u> REPAIRED - ISSUE RESOLVED	<u>Event Date</u> 03/10/10	Problem BYPASS AT WQTC	Result UNAUTHORIZED DISCHAGE - WATERS	<u>Completed</u> 03/10/10 12:34 AM	Conditio	
Spot Inspections:											
Discharge Amour	nt	24,365 GAL									
Cause:		i i	DISINFECTION MENTARY POWE	ER DISRUPTION FRO	OM LG&E - GENER	TOP DID NOT D	ETECT POWER DISRUI				
Clean Up:				- PIPES DISCHARG				PIION	**************************************		
Control Zone:				T UP - PIPE DISCHA							
lmpact			RVED - OUTLET			, 5	III OTKLAW				
Repair.		MANUAL ST			TO RESTORE POW	ER - GENERATO	R INSPECTION INDICA	TES GENERATOR SYSTE	MS	:	
Notifications:											
03/10/10 02:19 AM	DISF	C COMPA	IANT SIGNS POS w.msdlouky.org/pi							-	
03/10/10 01:00 AM	DISN				. to final		(y.gov and LisaA Jeffries			······	

Total Facilities Printed: 3
Total Work Orders Printed: 3





March 11, 2010

Mr. Charlie Roth, District Supervisor KY Division of Water Louisville Regional Office 9116 Leesgate Road Louisville, KY 40222-5084

Re: Bypass Report for the: Floyds Fork WQTC-KPDES Permit: KY0102784

Dear Mr. Roth:

This plant may have experienced a bypass event and has been reported through our electronic notification system at approximately 01:00 PM on March 10, 2010, referencing Work Order 1036756 as a Dry Weather Discharge. This letter serves as a written report of the bypass as required by 401 KAR 5:065.

Provided below are the details of the bypass event:

- Description of the noncompliance and its cause: On March 10, 2010, our electrical service provider (LG&E) had a 69 KVA circuit breaker failure, which caused a momentary power disruption to the Floyds Fork WQTC. An operator on the plant noticed the power disruption. Upon inspecting equipment status, MSD personnel realized the backup power generator was not running. MSD personnel manually started the generator to supply power to the plant. We can not determine an actual bypass of the plant UV disinfection system, but suspect a bypass potentially could have occurred. We are reporting 24,365 gallons of waste water went through the UV disinfection system during the period of the momentary power disruption and until the backup generator was started. The waste water did receive full primary and secondary treatment, but potentially may not have received full UV disinfection.
- Period of noncompliance: Starting 12:18 AM on March 10, 2010 and stopping 12:34 AM on March 10, 2010.
- Steps taken or planned to reduce, eliminate and prevent recurrence: On March 10, 2010, MSD personnel had a contractor troubleshoot the function of the backup generator. The generator performed properly as designed, and no problems were found. As a result of the 69 KVA circuit breaker failure, we believe that the LG&E power intureption was so brief that our backup generator had not recognized the outage by the time power was restored.
- Additional comments: There are no additional comments

Please advise if you have any questions concerning this information. You can contact me on my office telephone at (502)-587-5856, my cell phone at (502)-548-3209 or via email at Rheinlae@msdloukv.org.

Sincerely

FF 3.10.10 bypass revised doc

Rev. 7/30/2009



Beneficial Use of Louisville's Biosoilds www.louisvillegreen.com

Mr. Charlie Roth, District Supervisor KY Division of Water Page 2

Donald Rheinlaender Jr. Process Supervisor-Operations

cc:

Gary Levy, KDEP Paula Purifoy, MSD eB File