



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

May 26, 2009

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

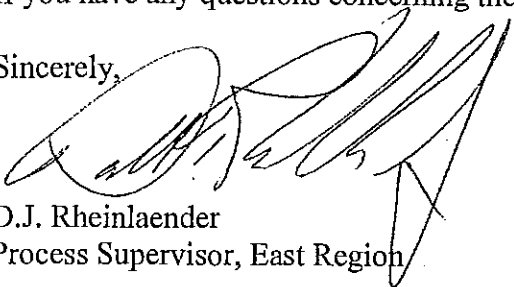
RE: Floyds Fork Wastewater Treatment Plant, KPDES No: KY0102784
Discharge Monitoring Report for April 2009.

Dear Ms Bentley

Attached are the Discharge Monitoring Report (DMR) and the Monthly Operator Report (MOR) for the Floyds Fork wastewater treatment plant for the month of April 2009.

If you have any questions concerning the attached DMR's, please contact me at (502)241-9093.

Sincerely,



D.J. Rheinlaender
Process Supervisor, East Region

DJR/ Floyds Fork 0409

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 MGT FLOYD FORK STP
ADDRESS 370 CEDAR CREEK STP
3405 CEDAR CREEK RD
LOUISVILLE KY 40211
FACILITY MGT FLOYD FORK STP
LOCATION LOUISVILLE KY 40248
ATTN: DENNIS THOMASSON, SR METRO OPS

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

KY0102794			001 1				
PERMIT NUMBER			DISCHARGE NUMBER				
MONITORING PERIOD							
FROM	YEAR	MO	DAY	TO	YEAR	MO	DAY
	97	04	01		97	04	05

Form Approved.
OMB No. 2040-0004

MAJOR (SUPER LV)
F - FINAL
MUNICIPAL DISCHARGE
EFFLUENT
*** NO DISCHARGE () ***

JEFFRE

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)	SAMPLE MEASUREMENT	*****	*****		10	*****	*****	(17)	0	3/7	GR								
00300 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	INST MIN	*****	*****	MG/L		FREE/GRAB	WEEK								
PH	SAMPLE MEASUREMENT	*****	*****		8.0	*****	8.4	(12)	0	3/7	GR								
00400 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	MINIMUM	*****	MAXIMUM	SV		FREE/GRAB	WEEK								
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	2506	2871	(25)	*****	110	117	(17)	0	3/7	GP								
00500 1 0 0 RAW SEW INFLUENT	PERMIT REQUIREMENT	REPORT MD AVG	REPORT MX WK AV	LBS/DY	*****	REPORT MD AVG	REPORT MX WK AV	MG/L		FREE/CONPUS	WEEK								
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	48	62	(25)	*****	12	2	(17)	0	3/7	CP								
00500 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	813 MD AVG	1220 MX WK AV	LBS/DY	*****	30 MD AVG	45 MX WK AV	MG/L		FREE/CONPUS	WEEK								
NITROGEN, AMMONIA TOTAL (AS N)	SAMPLE MEASUREMENT	275	375	(25)	*****	12	14	(17)	0	3/7	CP								
00610 1 0 0 RAW SEW INFLUENT	PERMIT REQUIREMENT	REPORT MD AVG	REPORT MX WK AV	LBS/DY	*****	REPORT MD AVG	REPORT MX WK AV	MG/L		FREE/CONPUS	WEEK								
NITROGEN, AMMONIA TOTAL (AS N)	SAMPLE MEASUREMENT	2	4	(25)	*****	0.1	0.2	(17)	0	3/7	CP								
00610 1 2 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	136 MD AVG	203 MX WK AV	LBS/DY	*****	5 MD AVG	7.5 MX WK AV	MG/L		FREE/CONPUS	WEEK								
PHOSPHORUS, TOTAL (AS P)	SAMPLE MEASUREMENT	*****	*****		*****	0.2	0.5	(17)	0	3/7	CP								
00665 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	*****	1.0 MD AVG	1.5 MX WK AV	MG/L		FREE/CONPUS	WEEK								
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER		I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.				TELEPHONE		DATE											
Typed or Printed						504 546 6000		19 05 21											
COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT				AREA CODE		NUMBER			YEAR			MO			DAY		

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)

NAME MSD FLOYD FORK STP

ADDRESS C/O CEDAR CREEK STP

8405 CEDAR CREEK RD

LOUISVILLE

KY 40211

FACILITY MSD FLOYD FORK STP

LOCATION LOUISVILLE

KY 40245

ATTN DENNIS THOMASSEN, SR METRO OPS

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

MAJOR

(SUPER LV)

F - FINAL

MUNICIPAL DISCHARGE

EFFLUENT

*** NO DISCHARGE () ***

NOTE: Read Instructions before completing this form.

02/28/94
PERMIT NUMBER

0011
DISCHARGE NUMBER

MONITORING PERIOD						
FROM			TO	YEAR		
YEAR	MO	DAY		YEAR	MO	DAY
93	02	01		94	02	28

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	SAMPLE MEASUREMENT	2.97	5.51	(CFS)	*****	*****	*****		0	C/N	C/N
50050 C O O	PERMIT REQUIREMENT	REPORT MO AVG	REPORT DAILY MX	MGD	*****	*****	*****	****		MONTHLY	CONTINUOUS
EFFLUENT GROSS VALUE											
COLIFORM TCCAL GENERAL	SAMPLE MEASUREMENT	*****	*****		*****			(15)	0	3/7	CR
74055 C O O	PERMIT REQUIREMENT	*****	*****	****	*****	200	400	100ML		WEEK	FREE/FRS
EFFLUENT GROSS VALUE						300A GEO	7 DA GEO				
BOD, CARBONACEOUS 5 DAY, 20C	SAMPLE MEASUREMENT	1310	1500	(25)	*****	58	64	(17)	0	3/7	CP
50082 C O O	PERMIT REQUIREMENT	REPORT MO AVG	REPORT MX WK AV	LBS/DY	*****	REPORT MO AVG	REPORT MX WK AV	MG/L		WEEK	FREE/COMPOS
RAW SEW/INFLUENT											
BOD, CARBONACEOUS 5 DAY, 20C	SAMPLE MEASUREMENT	69	83	(25)	*****	3	3	(17)	0	3/7	CP
50082 C O O	PERMIT REQUIREMENT	271	407		*****	10	15	MG/L		WEEK	FREE/COMPOS
EFFLUENT GROSS VALUE											
BOD, CARBONACEOUS 5 DAY, 20C	SAMPLE MEASUREMENT	*****	*****		*****	*****	*****	(25)	0	1/30	CA
DEO C, PERCENT REMVL	PERMIT REQUIREMENT	*****	*****	****	*****	*****	*****	PER-CENT		MONTH	UNDER/ALLOD
50091 C O O											
PERCENT REMOVAL											
POLYDS, SUSPENDED PERCENT REMOVAL	SAMPLE MEASUREMENT	*****	*****		*****	*****	*****	(25)	0	1/30	CA
51011 C O O	PERMIT REQUIREMENT	*****	*****	****	*****	*****	*****	PER-CENT		MONTH	UNDER/ALLOD
PERCENT REMOVAL											
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

Brent Orr

H. J. Schaeffer, Jr.

TYPED OR PRINTED

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE

DATE

AREA CODE

NUMBER

YEAR

MO

DAY

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

NAME OF TREATMENT PLANT FLOYDS FORKCOUNTY JEFFERSONMONTH OF: April 2009KPDES 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)	MLVSS (mg/L)	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			
1	2.026			7.6	8.2						149		2	103		3	2.038	5220	41	7.2	3430	2630	680							50.4	0.13	0.06	7	
2	2.200			7.4	8.2				10.4		109		2	39		3	1.71	5850	44	7.2	3350	2530	650					1.02		50.4	0.13	0.06	97	
3	5.514			7.4	8.2				11.4								1.86	8940	40	6.2	2330	1750	400							50.4				
4	3.434																1.72																	
5	3.109										94		2	49		3	1.95														0.14	0.34	12	
6	3.109			7.4	8.2				10.7								1.67	7090	42	6.6	2800	2100	650							50.4				
7	2.868			7.5													1.86	5940	41	6.6	3420	2520	650							63				
8	2.598			7.6							97		2	63		3	2	5040	48	6.7	3500	2620	600							88.2	0.12	0.06	19	
9	2.438			7.4	8.1				11.2		114		2	55		3	1.89	7360	43	6.9	3360	2540	610					1.09		75.6	0.15	0.06	4	
10	2.671			7.4	8.0				11.0								1.86	5830	55	6.7	3390	2560	580							50.4				
11	3.976																1.7														31.5			
12	3.058										121		2	49		3	1.91														0.16	0.06	7	
13	2.769			7.4	8.0				10.4								1.72	6540	52	7	3510	2620	580							50.4				
14	3.469			7.6													1.99	6590	42	6	3520	3310	540							50.4				
15	2.994			7.4							74		2	63		3	1.78	7220	43	7.1	3120	2310	480							50.4	0.12	0.06	29	
16	2.604			7.4	8.3				10.5		111		3	47		3	1.75	6220	40	7.8	3040	2210	450						1.15	50.4	0.09	0.06	31	
17	2.456			7.4	8.4				10.4								2.17	4570	56	8	2540	1820	400							50.4				
18	2.396																1.72																	
19	4.314										121		2	53		3	1.92														1.19	0.06	2400	
20	4.883			7.5	8.2				10.6								1.98	9130	41	6.5	2720	1880	300							50.4				
21	3.446			7.7													1.83	5710	42	7.4	2520	1860	300							50.4				
22	2.883			7.6							80		2	47		3	1.8	5580	35	8.2	2410	1640	250							50.4	0.06	0.06	67	
23	2.681			7.4	8.1				11.1		105		2	46		3	1.91	4470		7.2	2010	1430	200						1.07	37.8	0.06	0.06	19	
24	3.424			7.5	8.1				10.7								1.89	4200		7	1870	1320	200											
25	2.445																1.98																	
26	2.316				8.1				10.1		141		2	83		3	2.05															0.06	0.06	67
27	2.236			7.5													1.81	2670	27	7	1680	1200	200							50.4				
28	2.257			7.5													1.92	2510		6.8	1340	0.95	190							12.6				
29	2.191			7.4													2.01	2730		6.8	1710	1270	190											
30	2.310			7.4													1.87	3040		6.6	1670	1200	190							0.029				
31																																		
Tot.	89.08																56.27														1014			
Avg.	2.969			7.5	8.2				10.7		110		2	58		3	1.876	5566	43.06	6.977	2693	1969	422.3							0.872	50.72	0.20	0.08	31

RESIDENTIAL
COMMERCIAL
INDUSTRIAL

INDUSTRIAL WASTE POPULATION EQUIVALENT

28278
FLOW8461
CBOD12932
TSS

OPERATOR

CERT. NO.

TOTAL NUMBER OF SEWER CONNECTIONS

0

SEWER CONNECTIONS 0 X 4 = 0 SEWERED POPULATION

PLANT TELEPHONE