



MSD

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

August 26, 2008

Charlie Roth, District Supervisor
Kentucky Division of Water
9116 Leesgate Road
Louisville, Ky 40222

RE: Floyds Fork Wastewater Treatment Plant, KPDES No: KY0102784
Discharge Monitoring Report for July 2008.

Dear Mr. Roth:

Attached are the Discharge Monitoring Report (DMR) and the Monthly Operating Report (MOR) for the Floyds Fork Wastewater Treatment Plant, for the month of July 2008.

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

Sincerely,

John Kessel
Process Supervisor, East Region

JMK/ Floyds Fork 0708

Enclosures

cc: K. Thurman (DOW)
T. Singleton
P. Burgin
R. Shaw



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

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

NAME MSD FLOYDS FORK STP
ADDRESS C/O CEDAR CREEK STP
8405 CEDAR CREEK RD
LOUISVILLE KY 40211
CITY MSD FLOYDS FORK STP
LOCATION LOUISVILLE KY 40245
ATTN: DENNIS THOMASSON, SR METRO OPS

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

KY0102784
PERMIT NUMBER
001 1
DISCHARGE NUMBER

MAJOR
(SUBR LV)
F - FINAL

Form Approved.
OMB No. 2040-0004

JEFFERSON

MUNICIPAL DISCHARGE
EFFLUENT

*** NO DISCHARGE 1 1 ***

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	*****	*****		7.1	*****	*****	(19)	0	3/7	Grab
0300 1 0 0	PERMIT REQUIREMENT	*****	*****	*****	7 INST MIN	*****	*****	MG/L		THREE/	GRAB
EFFLUENT GROSS VALUE										WEEK	
H	SAMPLE MEASUREMENT	*****	*****		7.9	*****	8.3	(12)	0	3/7	Grab
0400 1 0 0	PERMIT REQUIREMENT	*****	*****	*****	6.0 MINIMUM	*****	9.0 MAXIMUM	BU		THREE/	GRAB
EFFLUENT GROSS VALUE										WEEK	
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	3117	3901	(26)	*****	218.0	226.0	(19)	0	3/7	Comp
0530 8 0 0	PERMIT REQUIREMENT	REPORT	REPORT		*****	REPORT	REPORT			THREE/	COMPOS
AW SEW/INFLUENT		MO AVG	MX WK AV	LBS/DY		MO AVG	MX WK AV	MG/L		WEEK	
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	31	35	(26)	*****	2.0	2.0	(19)	0	3/7	Comp
0530 1 0 0	PERMIT REQUIREMENT	813	1220		*****	30	45			THREE/	COMPOS
EFFLUENT GROSS VALUE		MO AVG	MX WK AV	LBS/DY		MO AVG	MX WK AV	MG/L		WEEK	
NITROGEN, AMMONIA TOTAL (AS N)	SAMPLE MEASUREMENT	199	213	(26)	*****	14.0	15.0	(19)	0	3/7	Comp
0610 8 0 0	PERMIT REQUIREMENT	REPORT	REPORT		*****	REPORT	REPORT			THREE/	COMPOS
AW SEW/INFLUENT		MO AVG	MX WK AV	LBS/DY		MO AVG	MX WK AV	MG/L		WEEK	
NITROGEN, AMMONIA TOTAL (AS N)	SAMPLE MEASUREMENT	0.80	0.91	(26)	*****	0.06	0.06	(19)	0	3/7	Comp
0610 1 1 0	PERMIT REQUIREMENT	54	81		*****	2	3			THREE/	COMPOS
EFFLUENT GROSS VALUE		MO AVG	MX WK AV	LBS/DY		MO AVG	MX WK AV	MG/L		WEEK	
PHOSPHORUS, TOTAL (AS P)	SAMPLE MEASUREMENT	*****	*****		*****	0.19	0.22	(19)	0	3/7	Comp
0665 1 0 0	PERMIT REQUIREMENT	*****	*****	*****	*****	1.0	1.5			THREE/	COMPOS
EFFLUENT GROSS VALUE						MO AVG	MX WK AV	MG/L		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.				SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT		TELEPHONE		DATE		
TYPED OR PRINTED							AREA CODE	NUMBER	YEAR	MO	DAY

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

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

NAME MSD FLOYDS FORK STP
 ADDRESS C/O CEDAR CREEK STP
 8405 CEDAR CREEK RD
 LOUISVILLE KY 40211
 FACILITY MSD FLOYDS FORK STP
 LOCATION LOUISVILLE KY 40245
 ATTENTION: DENNIS THOMASSON, SR METRO OPS

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

KY0102784
 PERMIT NUMBER

001 J
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MAJOR
 (SUDR LV)
 F - FINAL

Form Approved.
 OMB No. 2040-0004

JEFFERSON

MUNICIPAL DISCHARGE
 EFFLUENT

*** NO DISCHARGE 1 1 ***

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			
LOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	1.81	1.99	(03)	*****	*****	*****		0	1/2	1/2
0050 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	REPORT MD AVG	REPORT DAILY MX	MGD	*****	*****	*****	*****			CONTINCONTIN
COLIFORM, FECAL GENERAL	SAMPLE MEASUREMENT	*****	*****		*****	3	3	(13)	0	3/2	Grab
4055 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	*****	200	400	#/30DA GED 7 DA GED 100ML			THREE/GRAB WEEK
OD, CARBONACEOUS 5 DAY, 20C	SAMPLE MEASUREMENT	1671	1833	(26)	*****	116.0	137.0	(19)	0	3/2	Comp
0082 0 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			THREE/COMPOS WEEK
OD, CARBONACEOUS 5 DAY, 20C	SAMPLE MEASUREMENT	44	50	(26)	*****	3.0	3	(19)	0	3/2	Comp
0082 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	271	407		*****	10	15	MD AVG MX WK AV MG/L			THREE/COMPOS WEEK
OD, CARB-5 DAY, 20 EG C, PERCENT REMVL	SAMPLE MEASUREMENT	*****	*****		97.0%	*****	*****	(23)	0	1/31	Cal
0091 K 0 0 PERCENT REMOVAL	PERMIT REQUIREMENT	*****	*****	****	85 MD MIN	*****	*****	PER - CENT			ONCE/ MONTH CALCTD
SOLIDS, SUSPENDED PERCENT REMOVAL	SAMPLE MEASUREMENT	*****	*****		96.0%	*****	*****	(23)	0	1/31	Cal
1011 K 0 0 PERCENT REMOVAL	PERMIT REQUIREMENT	*****	*****	****	85 MD MIN	*****	*****	PER - CENT			ONCE/ MONTH CALCTD
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

Exec Director
 H.J. Schade 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

598 540-6060
 AREA CODE NUMBER

08 08 26
 YEAR MO DAY

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

NAME OF TREATMENT PLANT FLOYDS FORKCOUNTY JEFFERSONMONTH OF: July 2008KPDES 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	1.722			7.4							215		2	108		3	1.998	4500	4500		5.7	3170	2180	450							50.4	0.24	0.06	3	
2	1.506			7.3	8.3				7.2		399		2	141		3	1.841	5300	4800		4.9	3160	2350	450							6300	0.22	0.06	3	
3	1.974			7.3	8.3				7.3								2.19	5450	7700		4.6	3190	2190	440			0.933				88.2				
4	1.919																1.57														31.5				
5	2.099																1.95																		
6	2.029										213		3	122		3	2.13														6300	0.22	0.06	3	
7	1.855			7.0	7.9				7.2								1.83	5570	5200		4.2	3570	2480	490							25.2				
8	2.287			7.4	7.9				7.2		144		2	75		3	2.14	4160	4700		5.4	3470	2420	430							50.4	0.17	0.06	3	
9	1.999			7.3	8.0				7.2		129		2	89		3	2.02	6290			5.1	3430	2350	450			0.952				138.6		0.06	3	
10	1.750			7.4							214		2	122		3	1.97	5290	4600		5.2	2970	1600	400							6.3		0.06	3	
11	1.772			7.4													2.09	9270	4500		5.1	3500	2450	400							12.6				
12	2.136																2.14																		
13	2.215																2.09																		
14	1.778			7.4													2.11	5640	5100		4.9	3500	2450	450							25.2				
15	1.765			7.4							203		2	102		3	2.15	3720	4500		5.1	3350	2400	410							44.1	0.20	0.06	3	
16	1.682				8.2				7.2		168		2	106		3	2.12	5410			3.7	3510	2490	440			1.02				31.5	0.15	0.06	3	
17	1.558			7.3	8.2				7.2		248		2	115		3	2.05	6430	4000		4.6	3430	2440	410							37.8	0.13	0.06	3	
18	1.335			7.4	8.3				7.2								2.14	5880	6900		4.6	3230	2270	430							50.4				
19	1.776																2.25															6.3			
20	1.338																1.63															12.6			
21	2.770			7.2													1.91	6840	6700		3.6	3610	2520	410							50.4				
22	1.800			7.3							176		2	102		3	2.18	4540			4.6	3500	2360	420							44.1	0.15	0.06	3	
23	1.559			7.3	8.2				7.1		244		2	129		3	1.99	4570	4200		3.7	3450	2410	410							6300	0.20	0.06	3	
24	1.535			7.3	8.2				7.4		258		2	179		3	2.12	5670	3800		4.6	3330	2350	410			0.956				25.2	0.21	0.06	3	
25	1.757			7.3	8.2				7.4								2.48	4830			4.6	3300	2350	440							18.9				
26	1.220																1.82															25.2			
27	1.524																2.05																		
28	1.694			7.4													2.14	6050	2200		4.5	3410	2420	450							12.6				
29	1.497			7.4													2.09	6140	4200		4.6	3940	2820	440							37.8				
30	1.910			7.3													2.13	5020	5000		4.8	3530	2500	400							75.6				
31	2.256			7.2													2.05	6500	3900		4	3540	2470	400			0.86				31.5				
Tot.	56.02																63.37														19832				
Avg.	1.807			7.3	8.2				7.2		218		2	116		3	2.044	5594	4806		4.641	3413	2376	428.6			0.944				734.5	0.19	0.06	3	

RESIDENTIAL
COMMERCIAL
INDUSTRIAL

INDUSTRIAL WASTE POPULATION EQUIVALENT

17210

FLOW

10269

CBOD

15615

TSS

OPERATOR

CERT. NO.

TOTAL NUMBER OF SEWER CONNECTIONS

0

SEWER CONNECTIONS

0

X

4

=

0

SEWERED POPULATION

PLANT TELEPHONE