



**MSD**

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

May 22, 2007

Ms. Kathy Thurman  
Kentucky Division of Water  
14 Reilly Road  
Frankfort, Kentucky 40601

RE: Floyds Fork Wastewater Treatment Plant, KPDES No: KY0102784  
Discharge Monitoring Report for April 2007.

Dear Ms. Thurman:

Attached are the Discharge Monitoring Report (DMR) and the Monthly Operating Report (MOR) for the Floyds Fork Wastewater Treatment Plant, for the month of April 2007.

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 0407

Enclosures

cc: M. Mudd (DOW Louisville)  
E. Brady  
T. Singleton  
P. Burgin  
R. Shaw



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

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

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

MAJOR

NAME: MRS FLOYD'S FORM LTD  
ADDRESS: C/O ROUTESVILLE/JEFF CO MSD  
1822 WILSON ROAD  
LOUISVILLE KY 40211-2697

RY0102784  
PERMIT NUMBER

001 1  
DISCHARGE NUMBER

(SUBR LV)

F - FINAL

JEFFL

FACILITY: MRS FLOYD'S FORM LTD

LOCATION: LOUISVILLE KY 40245

MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY
07	07	01				

MUNICIPAL DISCHARGE

EFFLUENT

\*\*\* NO DISCHARGE \*\*\*

NOTE: Read Instructions before completing this form.

PARAMETER	SAMPLE MEASUREMENT / PERMIT REQUIREMENT	QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
XYENOL DISOLVED (DD)	SAMPLE MEASUREMENT	*****	*****		8.7	*****	*****	( 17 )	0	3/7	Grab
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	***	INST MIN	*****	*****	MG/L		WEEK	
EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		7.1	*****	7.6	( 15 )	0	3/7	Grab
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	***	MINIMUM	*****	MAXIMUM	5U		WEEK	
SUSPENDED SOLIDS, TOTAL	SAMPLE MEASUREMENT	2012	2458	( 26 )	*****	142	197	( 17 )	0	3/7	Comp
RAW SEW/INFLUENT	PERMIT REQUIREMENT	REPORT NO AVG	REPORT MX WK AV	LBS/DY	*****	REPORT NO AVG	REPORT MX WK AV	MG/L		WEEK	
SUSPENDED SOLIDS, TOTAL	SAMPLE MEASUREMENT	20	36	( 26 )	*****	1.3	2	( 17 )	0	3/7	Comp
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	REPORT NO AVG	REPORT MX WK AV	LBS/DY	*****	REPORT NO AVG	REPORT MX WK AV	MG/L		WEEK	
NITROGEN, AMMONIA TOTAL (AS N)	SAMPLE MEASUREMENT	184	195	( 26 )	*****	13.0	15.5	( 17 )	0	3/7	Comp
RAW SEW/INFLUENT	PERMIT REQUIREMENT	REPORT NO AVG	REPORT MX WK AV	LBS/DY	*****	REPORT NO AVG	REPORT MX WK AV	MG/L		WEEK	
NITROGEN, AMMONIA TOTAL (AS N)	SAMPLE MEASUREMENT	1.5	1.8	( 26 )	*****	0.10	0.10	( 17 )	0	3/7	Comp
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	REPORT NO AVG	REPORT MX WK AV	LBS/DY	*****	REPORT NO AVG	REPORT MX WK AV	MG/L		WEEK	
PHOSPHORUS, TOTAL (AS P)	SAMPLE MEASUREMENT	*****	*****		*****	0.74	0.10	( 17 )	0	3/7	Comp
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	***	*****	REPORT NO AVG	REPORT MX WK AV	MG/L		WEEK	

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER  
H.J. Schwabow  
Exec Director  
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
502	241 4093	07	05	02

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

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

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

MAJOR  
(SUBR LV)  
F - FINAL  
MUNICIPAL DISCHARGE  
EFFLUENT

NAME H.S. FLOYDS FORK STP  
ADDRESS 173 LOUISVILLE/JEFFE CO MSD

KY0102784  
PERMIT NUMBER

001 1  
DISCHARGE NUMBER

1522 ALONDQUIN PANY  
LOUISVILLE KY 40211-2497

MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY
07	07	01	TO	07	07	02

FACILITY H.S. FLOYDS FORK STP  
LOCATION LOUISVILLE KY 40245

\*\*\* NO DISCHARGE \*\*\*

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			
FLOW, 14 GPM/UNIT OR THRU TREATMENT PLANT 30050 1 0 0 EFFLUENT GROSS VALUE		83	1.97	( G3)	*****	*****	*****		0	9/12	9/12
PERMIT REQUIREMENT		NO AVG	DAILY MX	MOD	*****	*****	*****	***		NOVS	
COLIFORM FECAI GENERAL 74055 1 0 0 EFFLUENT GROSS VALUE		*****	*****		*****	3	5	( 12)	0	3/17	6.0
PERMIT REQUIREMENT		*****	*****	***	*****	300A 200	7 DA 200	100ML		WEEK	
BOD, LABDIFINEDUS 5 DAY, 20C 30082 0 0 0 RAW SEW/INFLUENT		1391	1737	( 28)	*****	110	140	( 17)	0	3/17	Comp
PERMIT REQUIREMENT		REPORT	REPORT	LBS/DY	*****	NO AVG	MX WK AV	MG/L		WEEK	
BOD, CARBONACEOUS 5 DAY, 20C 30082 1 0 0 EFFLUENT GROSS VALUE		27	35	( 28)	*****	2.0	2.0	( 17)	0	3/17	Comp
PERMIT REQUIREMENT		27	40	LBS/DY	*****	NO AVG	MX WK AV	MG/L		WEEK	
BOD, CARBONACEOUS 5 DAY, 20C 30082 0 0 0 PERCENT REMOVAL		*****	*****		89.8%	*****	*****	( 20)	0	1/30	C.I.
PERMIT REQUIREMENT		*****	*****	***	NO MIN	*****	*****	PERCENT		MONTH	
SOLIDS, SUSPENDED PERCENT REMOVAL 31011 0 0 0 PERCENT REMOVAL		*****	*****		98.5%	*****	*****	( 20)	0	1/30	C.I.
PERMIT REQUIREMENT		*****	*****	***	NO MIN	*****	*****	PERCENT		MONTH	
SAMPLE MEASUREMENT											
PERMIT REQUIREMENT											

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER  
H.S. Schadein  
Exec. Director  
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
509	1041-9093	07	05	22

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

NAME OF TREATMENT PLANT FLOYDS FORK

COUNTY JEFFERSON

MONTH OF: April 2007

KPDES PERMIT NUMBER KY0102784

PLANT CAPACITY 3.5 MGD

RECEIVING STREAM FLOYDS FORK

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	GAL/DAY X 1000	MLSS X 1000	WAST X 1000	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)					
																								30 MIN.	60 MIN.	GALLONS X 1000	% DRY SOLIDS	% VOLATILE SOLIDS	% DRY SOLIDS				% VOLATILE SOLIDS	WITHDRAWN GALLONS X 1000			
1	1.808	2											106		2	scratched	scratched	2.219																	0.10	0.10	3
2	1.586			7.6	8.3				8.7			246		1	144		2	2.322	7320	40	2.5	3690	2570	400									44.1	0.11	0.10	3	
3	2.065			7.4	8.3				8.6			71		1	57		2	1.607	7180	63	2.5	3750	2490	400									25.2	0.09	0.10	13	
4	2.181			7.4	8.2				9.7									1.416	11650	44	3	3390		380									63				
5	1.865			7.6														1.901	8220	59	4.5	3760		430									56.7				
6	1.905			7.5														2.019	6490	42	5.7	3850		400								25.2					
7	1.586																	1.653															25.2				
8	1.765											196		1	94		2	2.055														25.2	0.10	0.10	3		
9	1.587			7.4	7.9				9.6			146		1	91		2	1.927	5960	47	7.5	3810	2650	400								31.5	0.08	0.10	3		
10	1.410			7.2	8.1				9.6			19		1	146		2	1.805	11900	47	7.1	3790	2620	430								56.9	0.08	0.10	3		
11	1.597			7.5	8.4				8.7									1.621	6290	50	7.6	3740	2600	400								31.5					
12	1.567			7.1														1.782	6260	47	7.1	3770		410								18.9					
13	1.562	2		7.3														1.761	6210	85	7.4	3800		400								18.9					
14	4.294																	1.837															6300				
15	2.553											93		2	65		2	1.621														25.2	0.07	0.10	3		
16	1.992			7.6	8.4				9.7			106		3	73		2	1.716	6990		7.4	4230		400								18.9	0.05	0.10	3		
17	1.780			7.4	8.3				9.3			132		1	116		2	2.027	9950	73	7.3	4310	2990	500								37.8	0.09	0.10	3		
18	1.425			7.4	8.2				9.6									1.807	7470	49	7.5	3970	2760	450								44.1					
19	1.552			7.1														2.027	5850	56	7.1	3830		450								50.4					
20	1.552	2		7.5														1.807	5530	66	7.4	3870		400								63					
21	1.505																	1.723														6300					
22	1.676											190		1	122		2	1.829															0.06	0.10	3		
23	1.506			7.5	8.1				8.8			190		1	135		2	1.781	6660	60	7.3	3870	2660	450								50.4	0.04	0.10	3		
24	1.332			7.4	8.2				8.6			210		1	163		2	1.677	6910	51	7.3	3740	2610	400								37.8	0.04	0.10	3		
25	1.341			7.5	8.0				8.8									1.677	7920	55	7.5	3730	2600	450								31.5					
26	2.404			7.6														1.693	6630	61	7.4	3680		450								37.8					
27	2.404	2		7.4														1.689	7610	66	7.4	3710		400								31.5					
28	1.964																	1.806															31.5				
29	1.684																	1.748															31.5				
30	1.517			7.4														1.793	7870		7.5	3770		450													
31																																					
Tot.	54.97	8																54.35															13514				
Avg.	1.832	2		7.4	8.2							142		1	110		2	1.812	7470	57.3	6.476	3803	2655	421.4							0.074		500.5	0.07	0.10	3	

RESIDENTIAL  
COMMERCIAL  
INDUSTRIAL

INDUSTRIAL WASTE POPULATION EQUIVALENT

17449      9855      10338  
FLOW      CBOD      TSS

OPERATOR

CERT. NO.

TOTAL NUMBER OF SEWER CONNECTIONS

SEWER CONNECTIONS 0 X 4 = 0 SEWERED POPULATION

PLANT TELEPHONE