

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

August 23, 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 July 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 July 2007.

During the month of July we failed Total Phosphorus wk. avg. This was due to mechincal issues with our sodium aluminate pumps. The repairs was made to the pump, and our total phosphorus reading went back down.

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 0707

Enclosures

cc:

M. Mudd (DOW Louisville)

E. Brady

T. Singleton

P. Burgin

R. Shaw



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

NAME FROM FLOVOS FORM STR

ADDRESS CYG LOUISVILLE/JEFF CO MSD

ASEC ALGERBOIN PAMY

LOUISVILLE

KV 40211-2497

FACILITY MSO YEGYDS FORE STP. LOCATIONLOUISVILLE

KY 40245

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

MONITORING PERIOD

TO

DAY

KYUIUE/E4 PERMIT NUMBER

MO.

YEAR

FROM

DISCHARGE NUMBER

YEAR MO DAY

MAJOR (SUBR LV)

F - FINAL MUNICIPAL DISCHARGE

EFFLUENT

FRE NO DISCHARGE I I SEE

Form Approved.

OMB No. 2040-0004

过程分析的

ATTAL ALEK E MOVAK	OPER MOR		PROW				NOTE: Read Instru	uctions befor	e com	pleting this	form.
PARAMETER		QUANTITY OR LOADING				QUALITY OR CONCENTRATION			NO.	FREQUENCY OF	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS	s	ANALYSIS	1176
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TYPED OR PRINTED	nitted is, to the best of my knowledge and belief, true, accurate, and complete. aware that there are significant penalties for submitting false information, ading the possibility of fine and imprisonment for knowing violations.			) SiGi	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT		REA NUMBE			MO DAY	

PAGE

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

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

MONITORING PERIOD

TO

YEAR

Form Approved. OMB No. 2040-0004

NAME MED FLOYDS FORE SIF

LOCATION: THE THE TELL 图

ADDRESS CHO LOUISVILLE/JEFF CO MSD

ASER ALGONOUIN PAWY

LOUISVILLE FACILITY NOW FILDYDS FORK STR KY 40211-2497

KY 40245

KYOTO2784 PERMIT NUMBER

YEAR

FROM

(30) DISCHARGE NUMBER

MO

DAY

MAJOR (SUMBIV) F - FINAL

1. 1867年11年1日

MUNICIPAL DISCHARGE

EFFLUENT

\*\*\* NO DISCHARGE | PRE

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Exec Director	su or su	assure that qualified personnel p bmitted. Based on my inquiry of those persons directly responsib bmitted is, to the best of my know	the person or persons who role for gathering the informative wiedge and belief, true, accu	nanage the system tion, the informati rate, and complete	ion	NATURE OF PRINCIPA	L EXECUTIVE 5	o <sup>9</sup> 1241	1093	07 1	08 21
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OF

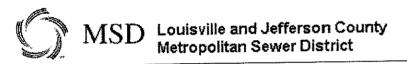
COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

shirt. 2007 MONTH OF: COUNTY JEFFERSON NAME OF TREATMENT PLANT FLOYDS FORK FLOYDS FORK RECEIVING STREAM 3.5 MGD PLANT CAPACITY KY0102784 KPDES PERMIT NUMBER ACTIVATED SUSPENDED DISSOLVED SETTLEABLE SLUDGE HANDLING FINAL AFRATION BASIN SLUDGE 5 DAY CBOD (mg/L) SOLIDS (ma/L) OXYGEN (mg/L) SOLIDS (mg/L) SEWAGE OTAL FLOW MILLION GALLONS) DISSOLVED OXYGEN (mg/L) PHOSPHORUS, TOTAL (mg/L) FINAL EFFLUENT FINAL EFFLUENT BELOW FECAL COLIFORM (COLONIES/100ML) FINAL EFFLUENT FINAL EFFLUENT RAW STREAM ABOVE GRIT REMOVED (CUBIC FEET) VOLUME RETURN VH3-N (mg/L) SCREENINGS (CUBIC FEET) DRY SOLIDS PRIMARY EFFLUENT PRIMARY EFFLUENT GAL/DAY X 1000 GAL/DAY X 1000 SALLONS < 1000 STREAM! MLVSS ( X 1000 MLSS (r x 1000 30 MIN. SO MIN. MLSS x1000 Ϋ́ RAW FINAL RAW RAW คลดดด 0.61 0.10 89 176 1 20 1.221 88200 0.75 0.10 1 0.7 2910 350 29 7320 4650 40000 1 123 248 8.3 7.7 8.3 2 1 179 75600 0.4 2790 350 3.9 5650 4400 55000 8.5 7.8 8.5 1 430 0.10 50 3 56700 1 13 98 189 4 1 727 31500 260 14910 3770 41000 2.5 0.3 1880 8.3 7.6 8.3 5 4 967 44100 350 2590 7210 3910 50000 3.8 7.7 1 690 50400 6 7 1.556 0.10 75600 1.36 61000 74 149 1.550 94500 1.56 0.10 8 2.6 0.3 2610 350 4000 6160 3970 92 87 118 8.7 1.360 79 56700 1.68 0.22 2330 350 2770 62000 2.6 0.2 5490 78 8.7 101 79 8.7 1.302 1.25 94500 345 2560 4700 3790 23000 3.6 0.5 8.2 7.4 8.2 11 1.354 81900 300 0.4 2460 4530 3620 43000 3.2 7.4 1 155 69300 12 0.3 2460 330 5840 3850 42000 3.3 7.4 1.283 13 25200 94500 14 1.414 0.08 0.50 3000 4 310 110 15 1 247 0.13 0.28 4790 53000 3.4 0.4 2950 340 9530 137 444 4 8.4 8.4 1.203 7.3 27 16 56700 0.09 0.22 330 0.4 2700 4340 52000 2.6 9160 326 1 130 8.0 7.4 8.0 1.137 17 44100 2530 300 4060 10300 3.6 0.5 7520 7.9 72 7.9 1.146 18 1.25 44100 2350 300 3750 16000 0.6 4960 1.335 7.1 19 75600 0.5 2560 300 3.5 6490 4080 7.0 1,364 31500 21 1.746 37800 0.36 0.10 2 99 230 1.350 22 94500 0.43 0.10 350 5870 4060 76000 0.3 2600 3.5 262 112 8.1 7.1 8.1 1.147 20 23 50400 0.54 0.10 320 3900 76000 3.1 0.4 2620 108 6460 204 8.1 7.1 8.1 1.129 24 81900 3.6 0.6 2530 310 4020 40000 5330 8.0 8.0 1.071 7.0 25 31500 0.095 2640 300 4.1 0.5 4020 52000 5410 7.0 26 1.236 50400 3260 30000 ર શ 0.3 2150 300 5600 7.2 1.229 27 50400 1,390 28 31500 2000 1.064 29 44100 0.4 2560 350 3800 52000 3.6 5220 1.225 7.5 30 56700 3900 53000 3.3 0.3 2630 340 5890 31 1.187 7.4 2E+06 1F+05 44.39 0.865 59430 0.73 0.17 3939 40709 3,357 0.443 2543 325 2 6631 104 8.3 230 7.4 8.3 1,432 INDUSTRIAL WASTE POPULATION EQUIVALENT RESIDENTIAL 7318 13067 13639 COMMERCIAL CERT. NO. OPERATOR CBOD TSS FLOW INDUSTRIAL O TOTAL NUMBER OF SEWER CONNECTIONS

0 SEWERED POPULATION

SEWER CONNECTIONS 0 X

PLANT TELEPHONE



IMSAST0004 Discharge Report Jul 01, 2007 12:00 AM thru Jul 31, 2007 11:59 PM

Report Selections: Excluding PPI, CSO, Result: WUS, Act Code: DISDW, DISREV

KPDES # KY0102784  Facility Type SMH Sewer Manhole		Facility ID Treatment Plant Name MSD0294 FLOYDS FORK		Receiving Stre FLOYDS FORK	Region EAST			
		Facility ID 94823-X	Facility Address 915 BLANKENBAKER PKY		if Pump Station, Name of Pump Station:	Receiving Stream	Discharge to	
	de / Description_ RY WEATHER DISCHARGE	<u>WO #</u> 682532	<u>Initiated</u> 07/01/07 08:10 PM	Initiated By GERALD DUNLAP	<u>Problem.</u> STRUCTURAL FAILURE	Resolution DISCHARGE TO WATERS OF THE US	<u>Completed</u> 07/01/07 09:30 PM	
5	Spot inspections:							
	Discharge Amount:		GAL			The state of the s		
1	Cause: FORCE MAIN BROKE INSIDE THE MANHOLE			THE MANHOLE				
a de la composição de l	Clean Up: CLEANUP PERFORMED BY OPERATIONS							
	Control Zone: PLACED SIGNS ON BOTH SIDE OF DRAINAGE DITCH							
	Impact WATER DISCHARGING FROM MANHOLE AND FLOWING INTO DRAINAGE DITCH							
	Repair:	Repair: WORK ORDER 682873 - REMOVED THE VALVE IN THE MANHOLE, REPLACED PIPE, AND REPLACE THE MANHOLE TOP FRAME AND LID.						
1	Notifications:							

Email notification of unauthorized discharge sent to Harkins.John@epamail.epa.gov and eppc.ert@ky.gov

Total Facilities Printed: 3

07/01/07 01:00 PM