



MSD

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

January 12, 2010

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 February 2009.

Dear Ms Bentley

We have recently discovered that the Phosphorus monthly average result we originally reported was incorrect.

We originally reported 1 mg/l as our Phosphorus monthly average, but the result was actually 0.98 mg/l.

Attached are the Discharge Monitoring Report (DMR) and the Monthly Operator Report (MOR) For the Floyds Fork wastewater treatment plant for the month of February 2009 with the corrected results.

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 0209

Enclosures

cc: C. Roth (DOW Louisville)
T. Singleton
R. Shaw



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

NAME MSD FLOYDS FORK STP
 ADDRESS C/O CEDAR CREEK STP
 2402 CEDAR CREEK RD
 LOUISVILLE, KY 40211
 FACILITY LOCATION MSD FLOYDS FORK STP
 LOUISVILLE, KY 40245
 ATTN: DENNIS THOMASSON, SR METRO OPS

KY0102784
 PERMIT NUMBER

0011
 DISCHARGE NUMBER

MAJOR (SUBR LV)
 F - FINAL
 MUNICIPAL DISCHARGE EFFLUENT
 *** NO DISCHARGE 1-1 ***
 NOTE: Read Instructions before completing this form.

JEFFERSON COUNTY

MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY
09	02	01		09	02	28

PARAMETER	SAMPLE MEASUREMENT	QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
OXYGEN, DISSOLVED (DO)	00300 1 0 0	*****	*****		10.6	*****	*****	(19)	0	3/7	Grab
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	INST MIN	*****	*****	MG/L		THREE/WEEK	
PHOSPHORUS, TOTAL (AS P)	00400 1 0 0	*****	*****		7.9	*****	8.1	(12)	0	3/7	Grab
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	MINIMUM	*****	MAXIMUM	SU		THREE/WEEK	
SOLIDS, TOTAL SUSPENDED	00530 0 0 0	2469	2647	(26)	*****	104	123	(19)	0	3/7	Comp
RAW SEW/INFLUENT	PERMIT REQUIREMENT	MD AVG	MX WK AV	LBS/DY	*****	REPORT	REPORT	MG/L		THREE/WEEK	
SOLIDS, TOTAL SUSPENDED	00530 1 0 0	51	58	(26)	*****	2	3	(19)	0	3/7	Comp
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	MD AVG	MX WK AV	LBS/DY	*****	MD AVG	MX WK AV	MG/L		THREE/WEEK	
NITROGEN, AMMONIA TOTAL (AS N)	00610 0 0 0	294	300	(26)	*****	13	16	(19)	0	3/7	Comp
RAW SEW/INFLUENT	PERMIT REQUIREMENT	MD AVG	MX WK AV	LBS/DY	*****	REPORT	REPORT	MG/L		THREE/WEEK	
NITROGEN, AMMONIA TOTAL (AS N)	00610 1 2 0	4	6	(26)	*****	0.16	0.24	(19)	0	3/7	Comp
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	MD AVG	MX WK AV	LBS/DY	*****	MD AVG	MX WK AV	MG/L		THREE/WEEK	
PHOSPHORUS, TOTAL (AS P)	00665 1 0 0	*****	*****		*****	0.98	1.5	(19)	0	3/7	Comp
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	*****	MD AVG	MX WK AV	MG/L		THREE/WEEK	

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
 Exec Dir
 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
 YEAR MO DAY
 09 03 23

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

NAME OF TREATMENT PLANT FLOYDS FORK
 KPDES PERMIT NUMBER KY0102784

COUNTY JEFFERSON
 PLANT CAPACITY 3.5 MGD

MONTH OF: February 2009
 RECEIVING 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	GAL/DAY X 1000	MLSS X 1000	GAL/DAY X 1000	WASTE	DISOLVED 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	3.351										112	2	82	3	1.87							7.6	3360	2680	700								6300	1.05	0.06	8			
2	3.936			7.6	7.8						96	2	74	3	1.97	7780						13.8	4700	2880	700								5040	0.95	0.34	3			
3	3.212			7.5	8.0						62	2	56	3	1.83	8210	4700					12.6	3660	2880	700								5040	0.84	0.06	3			
4	2.660			7.6	8.1																	12.0	4700	2730	750								1070						
5	2.356			7.7																														3700					
6	2.198			7.8																														5000					
7	3.851																																	1890					
8	3.777										63	2	44	3	1.46																			5040	1.06	0.50	43		
9	2.950			7.6	8.1						77	2	51	3	1.93	7160	5100					11.1	3430	2750	700								5040	1.04	0.06	45			
10	3.271			7.6	8.1						107	2	62	3	1.96	7290	4800					11.0	3290	2620	650								5040	1.02	0.06	925			
11	4.728			7.6	8.1																													5040					
12	3.738			7.7																															5040				
13	3.458			7.7																															5040				
14	2.998																																		5040				
15	2.569										120	2	92	3	1.01																				5040	0.81	0.39	93	
16	2.305			7.5	8.1						102	2	71	3	1.03	7560	6000					12.6	3580	2880	680									5040	0.75	0.28	60		
17	2.188			7.6	8.1						148	2	71	3	1.07	7670	5000					12.2	3310	2600	700									5040	0.69	0.06	103		
18	2.347			7.7	7.8																															5040			
19	2.337			7.7																																4400			
20	2.164			7.6																																4410			
21	2.338																																			1260			
22	2.483										112	2	74	3	1.26																					5040	1.08	0.06	71
23	2.203			7.5	8.1						108	2	65	3	1.05	6970	5100					12.3	2820	2400	650										5040	1.23	0.06	113	
24	2.132			7.4	8.1						143	4	68	3	1.11	6130	5200					12.2	3230	2790	650										5040	1.26	0.06	242	
25	1.379			7.5	8.1																															5040			
26	2.268			7.5																																5040			
27	3.972			7.5																																5040			
28	3.246																																						
29																																							
30																																							
31																																							
Tot.	80.41																																			118750			
Avg.	2.872			7.6	8.0						11.9	104	2	68	3	1.556	6347	5013					8.175	2878	2299	591								4567.3	0.98	0.16	48		

RESIDENTIAL
 COMMERCIAL
 INDUSTRIAL

INDUSTRIAL WASTE POPULATION EQUIVALENT
 FLOW 27352
 CBOD 9510
 TSS 11881

OPERATOR _____ CERT. NO. _____

TOTAL NUMBER OF SEWER CONNECTIONS _____
 SEWER CONNECTIONS 0 X 4 = 0 SEWERED POPULATION

PLANT TELEPHONE _____