



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

August 24, 2009

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

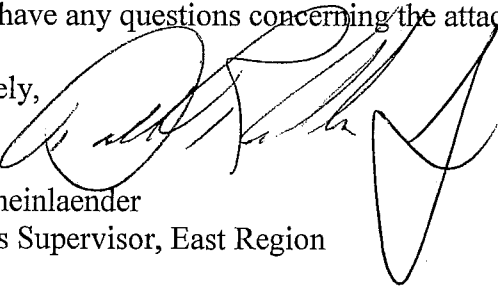
Re: MSD Metro Operations
Bancroft WTP; KPDES No.: KY0039021
Discharge Monitoring Reports – July 2009

Dear Ms. Bentley

Attached is the Discharge Monitoring Reports (DMRs) and the Monthly Operator Report (MOR) for the Bancroft WTP; KPDES No.: KY0039021 for the month of July 2009.

If you have any questions concerning the attached DMRs, please contact me at (502)587-5856.

Sincerely,


D.J. Rheinlaender
Process Supervisor, East Region

DJR/Bancroft 0709

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 BANCROFT WQTC MSD
ADDRESS C/O CEDAR CREEK WQTC
8405 CEDAR CREEK RD
LOUISVILLE KY 40211
FACILITY BANCROFT WQTC MSD
LOCATION LOUISVILLE KY
ATTN: DENNIS THOMASSON, SR METRO DPE

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

KY00039021
PERMIT NUMBER

001 1
DISCHARGE NUMBER

MINDR
(SUBR LV)
F - FINAL
SANITARY WASTEWATER
EFFLUENT
*** NO DISCHARGE ***

MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY
09	07	01		09	07	31

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	*****	*****		9	*****	*****	(19)	0	1/31	GR
DO500 1 0 0	PERMIT REQUIREMENT	*****	*****	****	7	*****	*****	MG/L		ONCE/ MONTH	GRAB
EFFLUENT GROSS VALUE				****	INST MIN						
PH	SAMPLE MEASUREMENT	*****	*****		6.5	*****	*****	(12)	0	1/31	GR
DO400 1 0 0	PERMIT REQUIREMENT	*****	*****	****	6.0	*****	9.0	MG/L		ONCE/ MONTH	GRAB
EFFLUENT GROSS VALUE				****	MINIMUM		MAXIMUM	SC			
SOLIDS, TOTAL, SUSPENDED	SAMPLE MEASUREMENT	1.1	1.1	(25)	*****	6	6	(19)	0	1/31	CP
DO500 1 0 0	PERMIT REQUIREMENT	20.0 MD AVG	40.0 MX WK AV	LBS/DY	*****	30 MD AVG	60 MX WK AV	MG/L		ONCE/ MONTH	COMPOS
EFFLUENT GROSS VALUE											
NITROGEN, AMMONIA TOTAL (AS N)	SAMPLE MEASUREMENT	0.09	0.09	(25)	*****	0.5	0.5	(19)	0	1/31	CP
DO510 1 0 0	PERMIT REQUIREMENT	2.67 MD AVG	5.34 MX WK AV	LBS/DY	*****	4 MD AVG	8 MX WK AV	MG/L		ONCE/ MONTH	COMPOS
EFFLUENT GROSS VALUE											
PHOSPHORUS, TOTAL (AS P)	SAMPLE MEASUREMENT	*****	*****		*****	2	2	(19)	0	1/31	CP
DO565 1 0 0	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT MD AVG	REPORT DAILY MX	MG/L		ONCE/ MONTH	COMPOS
EFFLUENT GROSS VALUE				****							
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	0.029	0.091	(03)	*****	*****	*****		0	CA	CA
DO050 1 0 0	PERMIT REQUIREMENT	REPORT 30DA AVG	REPORT INST MAX	MGD	*****	*****	*****	****		CONTINUOUS	CONTINUOUS
EFFLUENT GROSS VALUE											
CHLORINE, TOTAL RESIDUAL	SAMPLE MEASUREMENT	*****	*****		*****	50.010	50.010	(19)	0	1/31	GR
DO060 1 0 0	PERMIT REQUIREMENT	*****	*****	****	*****	0.018 MD AVG	0.019 DAILY MX	MG/L		ONCE/ MONTH	GRAB
EFFLUENT GROSS VALUE				****							

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
Exec. Dir.
H. J. Thomasson 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)

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

NAME BANCROFT WQTC MSD
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MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY
07	07	01		07	07	31

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PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
COLIFORM, FECAL GENERAL	SAMPLE MEASUREMENT	*****	*****		*****			(13)		1/31	GR
74055 1 0 0	PERMIT REQUIREMENT	*****	*****	****	*****	200	400	#/		ONCE /	GRAB
EFFLUENT GROSS VALUE				****		300A GED	7 DA GED	100ML		MONTH	
300, CARBONACEOUS 5 DAY, 200	SAMPLE MEASUREMENT	0.5	1.5	(25)	*****			(17)		1/31	CP
20082 1 0 0	PERMIT REQUIREMENT	16.7	33.4		*****	25	50			ONCE /	COMPOS
EFFLUENT GROSS VALUE		MD AVG	MX WK AV	LBS/DY		MD AVG	MX WK AV	MG/L		MONTH	
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
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	SAMPLE MEASUREMENT										
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	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

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TYPED OR PRINTED			AREA CODE	NUMBER	YEAR MO DAY

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

Bancroft		Report for		Jul-09		Tot. Exc.=		0			
Tot. Flow=		0.884		Concentrations				Pounds			
Date	Flow	TSS	BOD	NH3	Fecal	TSS	BOD	NH3	Tot. Phos.		
7/1/09	0.025										
7/2/09	0.023										
7/3/09	0.023										
7/4/09	0.023										
7/5/09	0.024										
7/6/09	0.023										
7/7/09	0.021										
7/8/09	0.022										
7/9/09	0.021	6	3	0.45	1	1.051	0.525	0.079	1.86		
7/10/09	0.024										
7/11/09	0.027										
7/12/09	0.027										
7/13/09	0.027										
7/14/09	0.027										
7/15/09	0.027										
7/16/09	0.025										
7/17/09	0.022										
7/18/09	0.023										
7/19/09	0.025										
7/20/09	0.023										
7/21/09	0.025										
7/22/09	0.033										
7/23/09	0.024										
7/24/09	0.024										
7/25/09	0.035										
7/26/09	0.031										
7/27/09	0.026										
7/28/09	0.027										
7/29/09	0.081										
7/30/09	0.045										
7/31/09	0.051										
Average	0.029	6.00	3.00	0.45	1.00	1.05	0.53	0.08	1.86		
Maximum	0.081	6.00	3.00	0.45	1.00	1.05	0.53	0.08	1.86		
Exceed.	1	0	0	0	0	0	0	0	0		

BANCROFT STP MSC
C/O ERIC G. BRADY
4522 ALGONQUIN PA
LOUISVILLE KY
BANCROFT STP MSC
LOUISVILLE KY
ATTN: H. J. SCHARDI

OXYGEN, DISSOLVE
(DO)
00300 1 0 0
EFFLUENT GROSS V
PH

00400 1 0 0
EFFLUENT GROSS V
SOLIDS, TOTAL
SUSPENDED
00530 1 0 0
EFFLUENT GROSS V
NITROGEN, AMMONI.
TOTAL (AS N)
00610 1 1 0
EFFLUENT GROSS V
FLOW, IN CONDUIT C
THRU TREATMENT P
50050 1 0 0
EFFLUENT GROSS V
CHLORINE, TOTAL
RESIDUAL
50060 1 0 0
EFFLUENT GROSS V
COLIFORM, FECAL
GENERAL

74055 1 0 0
EFFLUENT GROSS V
BOD, CARBONACEOI