



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

August 20, 2009

Ms. Carolena Bentley
Kentucky Division of Water
200 Fair Oaks Lane
Frankfort, Kentucky 40601

Re: MSD Metro Operations
Yorktown WTP; KPDES No.: KY0036323
Discharge Monitoring Reports - July 2009.

Dear Ms. Bentley:

Attached is the Discharge Monitoring Reports (DMRs) and the Monthly Operating Report (MOR) for the Yorktown WTP, KPDES No.: KY0036323 for the month of July 2009.

If you have any questions concerning the attached DMRs, please contact me at (502)540-6031.

Sincerely,

A handwritten signature in black ink, appearing to read "J. Kessel", written over a horizontal line.

John Kessel
Process Supervisor West Region

JMK/Yorktown 0709

Enclosures

cc: T. Singleton
R. Shaw
C. Roth



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

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

NAME YORKTOWN WQTC MSD
 ADDRESS C/O CEDAR CREEK WQTC
 8405 CEDAR CREEK RD
 LOUISVILLE KY 40211
 FACILITY YORKTOWN WQTC MSD
 LOCATION LOUISVILLE KY 40214
 ATTN: DENNIS THOMASSEN, SR METRO OPS

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

Form Approved.
 OMB No. 2040-0004

KY0036323
 PERMIT NUMBER

001 1
 DISCHARGE NUMBER

MINOR
 (SU2R LV)
 F - FINAL
 SANITARY WASTEWATER
 EFFLUENT

JEFFE

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

*** NO DISCHARGE ***

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	*****	*****	(19)	0	1/2	GR
00300 1 0 0	PERMIT REQUIREMENT	*****	*****	****	INST MIN	*****	*****	MG/L		WEEKLY	GRAB
EFFLUENT GROSS VALUE											
PH	SAMPLE MEASUREMENT	*****	*****		7.0	*****	7.1	(12)	0	1/2	GR
00400 1 0 0	PERMIT REQUIREMENT	*****	*****	****	MINIMUM	*****	7.0	MAXIMUM		WEEKLY	GRAB
EFFLUENT GROSS VALUE											
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	6.6	9.3	(26)	*****	5	6	(19)	0	1/2	CP
00500 1 0 0	PERMIT REQUIREMENT	37.5	75.0	LB/DY	*****	30	60	MG/L		WEEKLY	COMPOS
EFFLUENT GROSS VALUE		30DA AVG	DAILY MX			30DA AVG	DAILY MX				
NITROGEN, AMMONIA TOTAL (AS N)	SAMPLE MEASUREMENT	0.31	0.7	(26)	*****	0.2	0.5	(19)	0	1/2	CP
00610 1 1 0	PERMIT REQUIREMENT	5.00	10.0	LB/DY	*****	4	8	MG/L		WEEKLY	COMPOS
EFFLUENT GROSS VALUE		30DA AVG	DAILY MX			30DA AVG	DAILY MX				
PHOSPHORUS, TOTAL (AS P)	SAMPLE MEASUREMENT	*****	*****		*****	1.3	2.5	(19)	0	1/2	CP
00665 1 0 0	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT	REPORT	MG/L		WEEKLY	COMPOS
EFFLUENT GROSS VALUE						30DA AVG	DAILY MX				
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	0.206	0.527	(03)	*****	*****	*****		0	CP	CP
00050 1 0 0	PERMIT REQUIREMENT	REPORT	REPORT	MGD	*****	*****	*****	****		CONTINUOUS	CONTINUOUS
EFFLUENT GROSS VALUE		30DA AVG	INST MAX								
CHLORINE, TOTAL RESIDUAL	SAMPLE MEASUREMENT	*****	*****		*****	<0.010	<0.010	(19)	0	1/2	GR
00060 1 0 0	PERMIT REQUIREMENT	*****	*****	****	*****	0.011	0.017	MG/L		WEEKLY	GRAB
EFFLUENT GROSS VALUE						30DA AVG	DAILY MX				

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

Exec Dir
 H. J. Schackin 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 YORKTOWN WQTC MSD
ADDRESS C/O CEDAR CREEK WQTC
8905 CEDAR CREEK RD
LOUISVILLE KY 40211
FACILITY YORKTOWN WQTC MSD
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NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

KY00036323

001 1

PERMIT NUMBER

DISCHARGE NUMBER

MINOR
(SUBR LV)
F - FINAL
SANITARY WASTEWATER
EFFLUENT
*** NO DISCHARGE 1 ***

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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 74055 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****	1	1	(13)	0	1/7	GR
	PERMIT REQUIREMENT	*****	*****	****	*****	200 30DA GED	400 7 DA GED	#/ 100ML		WEEKLY	GRAB
BOD, CARBONACEOUS 5 DAY, 20C 60082 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	4.3	4.7	(26)	*****	3	3	(19)	0	1/7	CP
	PERMIT REQUIREMENT	12.5 30DA AVG	25.0 DAILY MX	LBS/DY	*****	10 30DA AVG	20 DAILY MX	MG/L		WEEKLY	COMPOS
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
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	PERMIT REQUIREMENT										

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SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE
502 540-6666

DATE
09 08 26

AREA CODE
502

NUMBER
540-6666

YEAR
09

MO
08

DAY
26

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

Yorktown	Report for	Jul-09	Tot. Exc.=		0	Pounds			
Tot. Flow=	6.38	Concentrations	BOD	NH3	Fecal	TSS	BOD	NH3	Tot. Phos.
Date	Flow	TSS	BOD	NH3	Fecal	TSS	BOD	NH3	Tot. Phos.
7/1/09	0.18				1				
7/2/09	0.175	6	3	0.22		8.757	4.379	0.321	
7/3/09	0.165								0.06
7/4/09	0.191								
7/5/09	0.21								
7/6/09	0.187								
7/7/09	0.18								
7/8/09	0.117								
7/9/09	0.156	4	3	0.11	1	5.204	3.903	0.143	2.5
7/10/09	0.177								
7/11/09	0.188								
7/12/09	0.166								
7/13/09	0.154								
7/14/09	0.149								
7/15/09	0.19								
7/16/09	0.186	6	3	0.45	1	9.307	4.654	0.698	1.56
7/17/09	0.212								
7/18/09	0.204								
7/19/09	0.17								
7/20/09	0.155								
7/21/09	0.143								
7/22/09	0.287								
7/23/09	0.288								
7/24/09	0.186	2		0.055	1	3.102		0.085	0.988
7/25/09	0.205								
7/26/09	0.199								
7/27/09	0.167								
7/28/09	0.184								
7/29/09	0.527								
7/30/09	0.352								
7/31/09	0.33								
Average	0.206	4.50	3.00	0.21	1.00	6.59	4.31	0.31	1.28
Maximum	0.527	6.00	3.00	0.45	1.00	9.31	4.65	0.70	2.50
Exceed.	28	0	0	0	0	0	0	0	