



MSD

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

February 23, 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 - January 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 January 2009.

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

Sincerely,

John Kessel
Process Supervisor West Region

JMK/Yorktown 0109

Enclosures

cc: T. Singleton
R. Shaw
C. Roth



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

NAME YORKTOWN STP MSD
 ADDRESS C/O CEDAR CREEK STP
 8405 CEDAR CREEK RD
 LOUISVILLE KY 40211

FACILITY YORKTOWN STP MSD

LOCATION LOUISVILLE KY 40214

ATTN: DENNIS THOMASSON, SR METRO OPS

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

KY0036323
 PERMIT NUMBER

001 1
 DISCHARGE NUMBER

MINOR
 (SUBR LV)

F - FINAL

SANITARY WASTEWATER
 EFFLUENT

*** NO DISCHARGE 1 1 ***

NOTE: Read Instructions before completing this form.

JEFFE

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

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 EFFLUENT GROSS VALUE	*****	*****	*****	*****	7.4	*****	*****	(19)	0	1/7	GR			
PH	*****	*****	*****	*****	6.9	*****	*****	(12)	0	1/7	GR			
00400 1 0 0 EFFLUENT GROSS VALUE	*****	*****	*****	*****	6.0	*****	9.0	MINIMUM MAXIMUM	0	1/7	GR			
SOLIDS, TOTAL SUSPENDED 00530 1 0 0 EFFLUENT GROSS VALUE	*****	*****	*****	*****	3.3	3.5	(28)	*****	2	2	(19)	0	1/7	Comp
NITROGEN, AMMONIA TOTAL (AS N) 00610 1 2 0 EFFLUENT GROSS VALUE	*****	*****	*****	*****	37.5	75.0	(28)	*****	30	60	(19)	0	1/7	Comp
PHOSPHORUS, TOTAL (AS P) 00665 1 0 0 EFFLUENT GROSS VALUE	*****	*****	*****	*****	30DA AVG	DAILY MX	LBS/DY	*****	30DA AVG	DAILY MX	MG/L	0	1/7	Comp
FLOW IN CONDUIT OR THRU TREATMENT PLANT 00050 1 0 0 EFFLUENT GROSS VALUE	*****	*****	*****	*****	0.215	0.369	(02)	*****	*****	*****	*****	0	1/7	1/2 1/2
CHLORINE, TOTAL RESIDUAL 00060 1 0 0 EFFLUENT GROSS VALUE	*****	*****	*****	*****	REPORT	REPORT	*****	*****	*****	*****	*****	0	1/7	GR
	*****	*****	*****	*****	30DA AVG	INST MAX	MGD	*****	0.011	0.019	(19)	0	1/7	GR
	*****	*****	*****	*****	30DA AVG	DAILY MX	MG/L	*****	30DA AVG	DAILY MX	MG/L	0	1/7	GR

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
 H.J. Schardin
 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
 AREA CODE NUMBER
 YEAR MO DAY

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

NAME " YORKTOWN STP MSD
 ADDRESS C/O CEDAR CREEK STP
 8405 CEDAR CREEK RD
 LOUISVILLE KY 40211

FACILITY YORKTOWN STP MSD

LOCATION LOUISVILLE KY 40214

ATTN: DENNIS THOMASSON, SR METRO OPS

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

KY0036323
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001 1
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*** NO DISCHARGE [] ***

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

PARAMETER	SAMPLE MEASUREMENT	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	*****	*****		*****	1.0	1.0	(13)	0	1/7	GR
	PERMIT REQUIREMENT	*****	*****	****	*****	300	400 #/			WEEKLY	GRAB
BOD, CARBONACEOUS 05 DAY, 20C 80082 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	4.9	5.3	(26)	*****	3	3	(19)	0	1/7	Comp
	PERMIT REQUIREMENT	12.5	25.0		*****	10	20			WEEKLY	COMPOS
	SAMPLE MEASUREMENT	30DA AVG	DAILY MX	LBS/DY		30DA AVG	DAILY MX	MG/L			
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
 Eric Dir
 H.J. Schaefer Jr
 TYPED OR PRINTED

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TELEPHONE
 DATE
 AREA CODE NUMBER YEAR MO DAY

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

Yorktown	Report for	Jan-09			Tot. Exc.=		0	
Tot. Flow=	6.672	Concentrations					Pounds	
Date	Flow	TSS	BOD	NH3	Fecal	TSS	BOD	NH3
1/1/09	0.221							
1/2/09	0.198							
1/3/09	0.212							
1/1/09	0.228							
1/2/09	0.196							
1/3/09	0.197	2	3	1.5	1	3.286		2.464
1/4/09	0.268							
1/5/09	0.251							
1/6/09	0.232							
1/7/09	0.222							
1/8/09	0.252							
1/9/09	0.21							
1/10/09	0.211	2	3	2.6	1	3.519	5.279	4.575
1/11/09	0.192							
1/12/09	0.167							
1/13/09	0.229							
1/14/09	0.197							
1/15/09	0.2							
1/16/09	0.153							
1/17/09	0.203	2	3	1.3	1	3.386	5.079	2.201
1/18/09	0.173							
1/19/09	0.173							
1/20/09	0.16							
1/21/09	0.164							
1/22/09	0.164							
1/23/09	0.169							
1/24/09	0.169	2	3	0.055	1	2.819	4.228	0.078
1/25/09	0.318							
1/26/09	0.369							
1/27/09	0.339							
1/28/09	0.235							
Average	0.215	2.00	3.00	1.36	1.00	3.25	4.86	2.33
Maximum	0.369	2.00	3.00	2.60	1.00	3.52	5.28	4.58
Exceed.	31	0	0	0	0	0	0	0
Day Viol.								
Mo. Viol								
Minimum	0.153 MIN		MAX					
DO (min)								
pH								
TRC								

This plant has a summer ammonia limit of 4/8 mg/L and 5/10 pounds
This plant has a winter ammonia limit of 10/20 mg/L and 12.5/25 pounds
Winter limits are from November - April, Summer is from May - October

YORKTOWN STP MSD
 C/O ERIC G. BRADY
 4522 ALGONQUIN PKY
 LOUISVILLE KY 40211-2407
 YORKTOWN STP MSD
 LOUISVILLE KY 40214
 ATTN: H. J. SCHARDI

KY003632:001 1

Tot. Phos.

	Quantity or Loading			Quality or Cr		
	Average	Maximum	Units	Minimum	Average	
1.79	OXYGEN, DISSOLVEI (DO)	*****	*****	***	0	*****
	00300 1 0 0	*****	*****	***	6.0	*****
	EFFLUENT GROSS VALUE				INST MIN	
	pH	*****	*****	***	0	*****
	00400 1 0 0	*****	*****	***	6.0	*****
0.994	EFFLUENT GROSS VALUE				MINIMUM	
	SOLIDS, TOTAL			(26)	*****	
	SUSPENDED					
	00530 1 0 0	37.5	75.0	LBS/DY	*****	30
	EFFLUENT GROSS V30DA AVG DAILY MX					30DA AVG
	NITROGEN, AMMONIA			(26)	*****	
	TOTAL (AS N)					
1.19	00610 1 1 0	12.5	25.0	LBS/DY	*****	10
	EFFLUENT GROSS V30DA AVG DAILY MX					30DA AVG
	FLOW, IN CONDUIT OR			(03)	*****	*****
	THRU TREATMENT PLANT					
	50050 1 0 0	REPORT	REPORT	MGD	*****	*****
	EFFLUENT GROSS V30DA AVG INST MAX					
	CHLORINE, TOTAL	*****	*****	***	*****	0
	RESIDUAL					
1.07	50060 1 0 0	*****	*****	***	*****	0.019
	EFFLUENT GROSS VALUE					30DA AVG
	COLIFORM, FECAL	*****	*****	***	*****	
	GENERAL					
1.26	74055 1 0 0	*****	*****	***	*****	200
1.79	EFFLUENT GROSS VALUE					30DA GEO
	BOD, CARBONACEOUS			(26)	*****	
	05 DAY, 20C					
	80082 1 0 0	12.5	25.0	LBS/DY	*****	10
	EFFLUENT GROSS V30DA AVG DAILY MX					30DA AVG