



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

June 17, 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 - May 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 May 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 "John Kessel", with a stylized, flowing script.

John Kessel
Process Supervisor West Region

JMK/Yorktown 0509

Enclosures

cc: T. Singleton
R. Shaw
C. Roth



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

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	*****	*****		8	*****	*****	MG/L	0	01/07	GR
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	INST MIN	*****	*****	MG/L		WEEKLY	GR
PH	SAMPLE MEASUREMENT	*****	*****		6.9	*****	7.1	MG/L	0	01/07	GR
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	MINIMUM	*****	MAXIMUM	MG/L		WEEKLY	GR
SOLIDS TOTAL SUSPENDED	SAMPLE MEASUREMENT	11.2	17.7	(LBS/DY)	*****	6	7	MG/L	0	01/07	CP
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	37.5	75.0	30DA AVG DAILY MX LBS/DY	*****	30	50	MG/L		WEEKLY	CP
NITROGEN AMMONIA TOTAL (AS N)	SAMPLE MEASUREMENT	1.83	4.6	(LBS/DY)	*****	1	2	MG/L	0	01/07	CP
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	5.00	10.0	30DA AVG DAILY MX LBS/DY	*****	30	50	MG/L		WEEKLY	CP
PHOSPHORUS TOTAL (AS P)	SAMPLE MEASUREMENT	*****	*****		*****	0.8	1.3	MG/L	0	01/07	CP
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT	REPORT	MG/L		WEEKLY	CP
FLOW IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	0.245	0.463	(MGD)	*****	*****	*****	MGD	0	C/N	C/N
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	REPORT	REPORT	30DA AVG INST MAX MGD	*****	*****	*****	MGD		CONTINUOUS	UDUS
CHLORINE TOTAL RESIDUAL	SAMPLE MEASUREMENT	*****	*****		*****	20.010	20.010	MG/L	0	01/07	GR
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	*****	0.011	0.017	MG/L		WEEKLY	GR
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER		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	
H.T. Schudman Jr								502 546-6111		09 16 22	
TYPED OR PRINTED								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 STP MSD
ADDRESS 070 CEDAR CREEK STP
6405 CEDAR CREEK RD
LOUISVILLE KY 40211
FACILITY YORKTOWN STP MSD
LOCATION LOUISVILLE KY 40214
ATTN: DONALD THOMASSEN, ER METRO OPS

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

AY0035523
PERMIT NUMBER

001
DISCHARGE NUMBER

MINOR
(SUBR LV)
F - FINAL

Form Approved.
OMB No. 2040-0004

USEFE

SANITARY WASTEWATER
EFFLUENT

*** NO DISCHARGE ***

MONITORING PERIOD							
FROM	YEAR	MO	DAY	TO	YEAR	MO	DAY

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			
CULIFORM, FCAL	SAMPLE MEASUREMENT	*****	*****		*****	1	1	(13)	0	01/07	GR
GENERAL	PERMIT REQUIREMENT	*****	*****	***	*****	200	400	1/			
EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	6.0	7.6	(25)	*****	3	3	(19)	0	01/07	CP
300 CARBONACTIV	PERMIT REQUIREMENT	12.5	25.0		*****	10	20				
OS DAY, 300											
30000											
EFFLUENT GROSS VALUE											
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
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	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

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

Exec Dir
H.S. Schudwin Jr
TYPED OR PRINTED

402 540-6006 09 06 22
AREA CODE NUMBER YEAR MO DAY

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

Yorktown	Report for	May-09		Tot. Exc.=		0			
Tot. Flow=	7.6	Concentrations		Pounds					
Date	Flow	TSS	BOD	NH3	Fecal	TSS	BOD	NH3	Tot. Phos.
5/1/09	0.249								
5/2/09	0.306								
5/3/09	0.278								
5/4/09	0.303	7	3	0.055	1	17.689	7.581	0.139	0.724
5/5/09	0.243								
5/6/09	0.281								
5/7/09	0.394								
5/8/09	0.449								
5/9/09	0.463								
5/10/09	0.338								
5/11/09	0.293	3	3	1.9	1	7.331	7.331	4.643	0.218
5/12/09	0.229								
5/13/09	0.204								
5/14/09	0.225								
5/15/09	0.248								
5/16/09	0.241								
5/17/09	0.266								
5/18/09	0.193								
5/19/09	0.179	6	3	0.28	1	8.957	4.479	0.418	0.899
5/20/09	0.171								
5/21/09	0.188								
5/22/09	0.167								
5/23/09	0.181								
5/24/09	0.179								
5/25/09	0.241								
5/26/09	0.193								
5/27/09	0.183	7	3	1.4	1	10.684	4.579	2.137	1.27
5/28/09	0.18								
5/29/09	0.167								
5/30/09	0.184								
5/31/09	0.184								
Average	0.245	5.75	3.00	0.91	1.00	11.17	5.99	1.83	0.78
Maximum	0.463	7.00	3.00	1.90	1.00	17.69	7.58	4.64	1.27
Exceed.	31	0	0	0	0	0	0	0	