



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

February 23, 2010

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

Re: **MSD Metro Operations**
Shadow Wood WQTC; KPDES No.: KY0031810
Discharge Monitoring Reports –January 2010

Dear Ms. Bentley

Attached is the Discharge Monitoring Reports (DMRs) and the Monthly Operator Report (MOR) for the Shadow Wood WQTC; KPDES No.: KY0031810 for the month of January 2010.

There are no exceedences , bypass reports or overflow reports for this month.

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/Shadow Wood 0210

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 SHADOWWOOD WASTE
 ADDRESS C/O JOHN KESSEL
 5818 HITT LN
 LOUISVILLE KY 40241
 FACILITY SHADOWWOOD WASTE
 LOCATION LOUISVILLE KY 40059
 ATTN: MARION M GEE

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

Form Approved
 OMB No. 2040-0004

PERMIT NUMBER: KY0001810
 DISCHARGE NUMBER: 001 1
 MONITORING PERIOD:
 FROM YEAR MO DAY TO YEAR MO DAY

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

NOTE: Read Instructions before completing this form.

PARAMETER	SAMPLE MEASUREMENT / PERMIT REQUIREMENT	QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
CHLORINE DISSOLVED (DD)					10				0	1/7	GR
EFFLUENT GROSS VALUE					INST MIN			MG/L			
EFFLUENT GROSS VALUE					6.5		7.7		0	1/7	GR
EFFLUENT GROSS VALUE					MINIMUM		MAXIMUM	SU			
SUSPENDED SOLIDS TOTAL		0.4	0.9	LBS/DY		3	7		0	1/7	CP
EFFLUENT GROSS VALUE		30DA AVG	DAILY MX	LBS/DY		30DA AVG	DAILY MX	MG/L			
NITROGEN AMMONIA TOTAL (AS N)		0.46	1.17	LBS/DY		3	6		0	6/30	CP
EFFLUENT GROSS VALUE		30DA AVG	DAILY MX	LBS/DY		30DA AVG	DAILY MX	MG/L			
PHOSPHORUS TOTAL (AS P)						0.53	1.08		0	1/7	CP
EFFLUENT GROSS VALUE						30DA AVG	DAILY MX	MG/L			
FLOW IN CONDUIT OR THRU TREATMENT PLANT		0.023	0.085	MGD					0	1/7	CP
EFFLUENT GROSS VALUE		30DA AVG	INST MAX	MGD							
GENERAL						1	1		0	1/7	GR
EFFLUENT GROSS VALUE						30DA GED	7 DA GED	100ML			

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
 TYPED OR PRINTED
 H.J. Schneider Jr

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: 502 546-6000
 DATE: 10 02 26

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

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)
 NAME SHADOWWOOD WWT
 ADDRESS C/O JOHN KESSEL
 1512 HITT LN
 LOUISVILLE KY 40241
 FACILITY SHADOWWOOD WWT
 LOCATION LOUISVILLE KY 40059
 ATTN: MARTIN M GEE

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

MINOR (SVBR LV)
 F - FINAL
 SANITARY WASTEWATER EFFLUENT
 *** NO DISCHARGE ***
 Form Approved. OMB No. 2040-0004

PERMIT NUMBER: KY000181V
 DISCHARGE NUMBER: 0011
 MONITORING PERIOD:
 FROM: YEAR MO DAY TO YEAR MO DAY

NOTE: Read Instructions before completing this form.

PARAMETER	SAMPLE MEASUREMENT / PERMIT REQUIREMENT	QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
BOD, CARBONATE BOD 5 DAY, 20C	SAMPLE MEASUREMENT	0.52	0.9	LBS/DY		4	7	MS/L	0	1/4	CP
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	30DA AVG	DAILY MX			30DA AVG	DAILY MX				
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
 Exec Dir
 H.J. Schneider, 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: 500 540-6600
 DATE: 10 2 26
 AREA CODE NUMBER YEAR MO DAY

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

SHADOW WOOD		Report for		Jan-01		Tot. Exc.=		0	
Tot. Flow=	0.726			Concentrations					
Date	Flow	TSS	BOD	NH3	Fecal	TSS	Pounds BOD	NH3	Conc. T Phos
1/1/01	0.022								
1/2/01	0.021								
1/3/01	0.02								
1/4/01	0.015								
1/5/01	0.016	7	7	1.6	1	0.934	0.934	0.214	1.08
1/6/01	0.016								
1/7/01	0.018								
1/8/01	0.016								
1/9/01	0.018								
1/10/01	0.018								
1/11/01	0.016								
1/12/01	0.015	2	2	4	1	0.250	0.250	0.500	0.558
1/13/01	0.015								
1/14/01	0.015								
1/15/01	0.016								
1/16/01	0.024								
1/17/01	0.085								
1/18/01	0.018								
1/19/01	0.077								
1/20/01	0.019	1	3	5.4	1	0.158	0.475	0.856	0.312
1/21/01	0.014								
1/22/01	0.037								
1/23/01	0.027								
1/24/01	0.026								
1/25/01	0.015								
1/26/01	0.025	1	2	5.6	1	0.209	0.417	1.168	0.175
1/27/01	0.021								
1/28/01	0.017			0.055					
1/29/01	0.018			0.055				0.008	
1/30/01	0.025							0.008	
1/31/01	0.021								
Average	0.023	2.75	3.50	2.79	1.00	0.39	0.52	0.46	0.53
Maximum	0.085	7.00	7.00	5.60	1.00	0.93	0.93	1.17	1.08
Exceed.	0	0	0	0	0	0	0	0	0

LAKE FOREST
C/O ERIC G. BRADY
700 W. LIBERTY STR
LOUISVILLE KY
SHADOW WOOD

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 2 0
EFFLUENT GROSS V
PHOSPHORUS, TOT/
(AS P)

00665 1 0 0
EFFLUENT GROSS V
FLOW, IN CONDUIT C
THRU TREATMENT P

50050 1 0 0
EFFLUENT GROSS V
COLIFORM, FECAL
GENERAL