



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

March 25, 2011

Crystal Thompson  
DMR Coordinator  
200 Fair Oaks Lane  
Frankfort, Kentucky 40601

**Re: MSD Metro Operations  
Shadow Wood WQTC; KPDES No.: KY0031810  
Discharge Monitoring Reports for February, 2011**

Dear Ms. Thompson:

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 February 2011

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

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

Sincerely,

Richard Mills  
Process Supervisor, East Region

RM/Shadow Wood 2 11

Enclosures

cc: C. Roth (DOW Louisville)  
T. Singleton  
R. Shaw



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

NAME SHADOWWOOD WQTC  
ADDRESS C/O JOHN KESSEL  
5512 HITT LN  
LOUISVILLE  
FACILITY SHADOWWOOD WQTC  
LOCATION LOUISVILLE  
ATTN: MARION M GEE

KY 40241

KY 40057

KY0031810  
PERMIT NUMBER

001 1  
DISCHARGE NUMBER

MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY
11	02	01		11	02	20

MINOR  
(SUBR LV)  
F - FINAL  
SANITARY WASTEWATER  
EFFLUENT  
\*\*\* NO DISCHARGE 1 1 \*\*\*  
NOTE: Read Instructions before completing this form.

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	*****	*****	*****	*****	11	*****	*****	( 19 )	0	1/7	GR
	PERMIT REQUIREMENT	*****	*****	*****	7	*****	*****	INST MIN		WEEKLY	GRAB
PH 00400 1 0 0 EFFLUENT GROSS VALUE	*****	*****	*****	*****	7-3	*****	7-6	( 12 )	0	1/7	GR
	PERMIT REQUIREMENT	*****	*****	*****	6.0	*****	9.0	MINIMUM MAXIMUM		WEEKLY	GRAB
SOLIDS, TOTAL SUSPENDED 00530 1 0 0 EFFLUENT GROSS VALUE	*****	1.5	4.2	( 26 )	*****	11	32	( 19 )	0	1/7	CP
	PERMIT REQUIREMENT	21.3	42.6		*****	30	60			WEEKLY	CUMPL
		30DA AVG	DAILY MX	LBS/DY		30DA AVG	DAILY MX	MG/L			
NITROGEN, AMMONIA TOTAL (AS N) 00610 1 2 0 EFFLUENT GROSS VALUE	*****	0.03	0.04	( 26 )	*****	0.2	0.3	( 19 )	0	1/7	CP
	PERMIT REQUIREMENT	3.54	7.08		*****	5	10			WEEKLY	CUMPL
		30DA AVG	DAILY MX	LBS/DY		30DA AVG	DAILY MX	MG/L			
PHOSPHORUS, TOTAL (AS P) 00665 1 0 0 EFFLUENT GROSS VALUE	*****	*****	*****	*****	*****	0.3	0.9	( 19 )	0	1/7	CP
	PERMIT REQUIREMENT	*****	*****	*****	*****	REPORT	REPORT			WEEKLY	CUMPL
		30DA AVG	DAILY MX	MG/L		30DA AVG	DAILY MX	MG/L			
FLOW, IN CONDUIT OR THRU TREATMENT PLANT 50050 1 0 0 EFFLUENT GROSS VALUE	*****	0.029	0.070	( 03 )	*****	*****	*****	*****	0	CN	CN
	PERMIT REQUIREMENT	REPORT	REPORT		*****	*****	*****	*****		CONTINUOUS	CONTINUOUS
		30DA AVG	INST MAX	MGD		*****	*****	*****			
COLIFORM, FECAL GENERAL 74055 1 0 0 EFFLUENT GROSS VALUE	*****	*****	*****	*****	*****	1	1	( 12 )	0	1/7	GR
	PERMIT REQUIREMENT	*****	*****	*****	*****	200	400	#/		WEEKLY	GRAB
		30DA GED	7 DA GED	100ML		30DA GED	7 DA GED	100ML			

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER  
*AS Schardein JR*  
*Executive Director*  
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.

*Richard Mills*  
SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE  
502-540-6000  
DATE  
11 03 23  
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 SHADOWWOOD WQTC  
 ADDRESS C/O JOHN KESSEL  
 5512 HITT LN  
 LOUISVILLE KY 40241  
 FACILITY SHADOWWOOD WQTC  
 LOCATION LOUISVILLE KY 40059  
 ATTN: MARION M GEE

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

KY0031810  
 PERMIT NUMBER

001 1  
 DISCHARGE NUMBER

MINOR  
 (SUBR LV)

F - FINAL

SANITARY WASTEWATER  
 EFFLUENT

\*\*\* NO DISCHARGE [ ] \*\*\*

NOTE: Read Instructions before completing this form.

MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY
11	02	01		11	02	28

JEFFERSON

PARAMETER	X	QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
BOD, CARBONACEOUS 05 DAY, 20C 80082 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	0.54	0.9	( 26 )	*****	4	7	( 19 )	0	1/7	CP
	PERMIT REQUIREMENT	7.09 30DA AVG	14.2 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										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER  
 H.S. Schandew JR.  
 Executive Director  
 TYPED OR PRINTED

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Richard Mills  
 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE 502-540-6000  
 DATE 11 03 23  
 AREA CODE NUMBER YEAR MO DAY

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

SHADOW WOOD		Report for	Feb-11		Tot. Exc.=		0			
Tot. Flow=	0.65		Concentrations				Pounds		Conc.	
Date	Flow	TSS	BOD	NH3	Fecal	TSS	BOD	NH3	T Phos	
2/1/11	0.022									
2/2/11	0.02	6	3	0.17	1	1.001	0.500	0.028	0.1	
2/3/11	0.012									
2/4/11	0.018									
2/5/11	0.027									
2/6/11	0.019									
2/7/11	0.021									
2/8/11	0.015									
2/9/11	0.016	32	7	0.28	1	4.270	0.934	0.037	0.866	
2/10/11	0.018									
2/11/11	0.014									
2/12/11	0.018									
2/13/11	0.024									
2/14/11	0.019									
2/15/11	0.016									
2/16/11	0.016	3	3	0.055	1	0.400	0.400	0.007	0.226	
2/17/11	0.02									
2/18/11	0.018									
2/19/11	0.021									
2/20/11	0.023									
2/21/11	0.023									
2/22/11	0.02									
2/23/11	0.019	3	2	0.22	1	0.475	0.317	0.035	0.1	
2/24/11	0.041									
2/25/11	0.07									
2/26/11	0.033									
2/27/11	0.031									
2/28/11	0.036									

Average	0.023	11.00	3.75	0.18	1.00	1.54	0.54	0.03	0.32
Maximum	0.070	32.00	7.00	0.28	1.00	4.27	0.93	0.04	0.87