

MSD

Metropolitan Sewer District

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

July 22, 2009

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

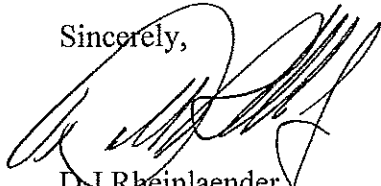
**Re: MSD Metro Operations
Shadow Wood WTP; KPDES No.: KY0031810
Discharge Monitoring Reports –June 2009**

Dear Ms. Bentley

Attached is the Discharge Monitoring Reports (DMRs) and the Monthly Operator Report (MOR) for the Shadow Wood WTP; KPDES No.: KY0031810 for the month of June 2009.

If you have any questions concerning the attached DMRs, please contact me at (502)241-9093.

Sincerely,



D.J. Rheinlaender
Process Supervisor, East Region

DJR/Shadow Wood 0609

Enclosures

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



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

NAME SHADOW WOOD SUBD
ADDRESS C/O JOHN KESSEL
5019 HITT LN
LOUISVILLE KY 40241
FACILITY SHADOW WOOD SUBD
LOCATION LOUISVILLE KY 40037
ATTN: MARION K GEE

PERMIT NUMBER
KY0031810

DISCHARGE NUMBER
0011

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

MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY
07	05	01				

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)	*****	*****			7	*****	*****	(17)	0	117	CR
00300 () () () EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	INST MIN	*****	*****	MG/L		WEEKLY	SRAD
PH	*****	*****			7.8	*****	4.5	(12)	0	117	CR
00400 () () () EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	MINIMUM	*****	MAXIMUM	SU		WEEKLY	SRAD
SOLIDS, TOTAL SUSPENDED	*****	5.6	8.9	(25)	*****	14	16	(17)	0	117	CR
00500 () () () EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	30DA AVG	DAILY MX	LBS/DV	*****	30DA AVG	DAILY MX	MG/L		WEEKLY	SRAD
NITROGEN, AMMONIA TOTAL (AS N)	*****	0.06	0.16	(20)	*****	0.1	0.3	(17)	0	117	CR
00610 () () () EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	30DA AVG	DAILY MX	LBS/DV	*****	30DA AVG	DAILY MX	MG/L		WEEKLY	SRAD
PHOSPHORUS, TOTAL (AS P)	*****	*****	*****		*****	0.3	0.6	(17)	0	117	CR
00640 () () () EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT	REPORT	MG/L		WEEKLY	SRAD
LEAKAGE (BY CONDUIT) OR THRU TREATMENT PLANT	*****	0.050	0.077	(03)	*****	*****	*****		0	AN	CR
00650 () () () EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	30DA AVG	INST MAX	MGD	*****	*****	*****	MGD		QUARTERLY	CONTIN
UNCLIFIED, GENERAL	*****	*****	*****		*****	1	1	(13)	0	117	CR
74055 () () () EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	*****	30DA GED	7 DA GED	100ML		WEEKLY	SRAD

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
Exec. Dir.
H. J. Schardin 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 SHADOW WOOD SUBD
 ADDRESS C/O JOHN KESSEL
 5512 HITT LN
 LOUISVILLE KY 40241
 FACILITY SHADOW WOOD SUBD
 LOCATION LOUISVILLE KY 40087
 ATTN MARION M GEE

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

RY0031810
 PERMIT NUMBER
 0011
 DISCHARGE NUMBER

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

JEPFE

MONITORING PERIOD

FROM YEAR MO DAY TO YEAR MO DAY
 07 06 01 TO 07 06 08

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			
NO. CARBONACEOUS 05 DAY, 20C WOODS EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT PERMIT REQUIREMENT	2.15 30DA AVG	2.6 DAILY MX	(25) LBS/DY	***** *****	6 30DA AVG	7 DAILY MX	(27) MG/L	1	1/7 WEEKLY	CP COMPOSE
	SAMPLE MEASUREMENT PERMIT REQUIREMENT										
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 Exec. Dir
 H. J. Woodin 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)

SHADOW WOOD

Report for		Jan-01		Tot. Exc.=		0			
Tot. Flow=	1.441	Concentrations				Pounds		Conc.	
Date	Flow	TSS	BOD	NH3	Fecal	TSS	BOD	NH3	T Phos
1/1/01	0.05								
1/2/01	0.035								
1/3/01	0.041	26	7	0.11	1	8.890	2.394	0.038	0.153
1/4/01	0.055								
1/5/01	0.038								
1/6/01	0.046								
1/7/01	0.05								
1/8/01	0.048								
1/9/01	0.04								
1/10/01	0.057	9	3	0.055	1	4.278	1.426	0.026	0.262
1/11/01	0.077								
1/12/01	0.051								
1/13/01	0.051								
1/14/01	0.048								
1/15/01	0.048								
1/16/01	0.054								
1/17/01	0.058	8		0.34	1	3.870		0.164	0.375
1/18/01	0.058								
1/19/01	0.06								
1/20/01	0.061								
1/21/01	0.054								
1/22/01	0.047								
1/23/01	0.04								
1/24/01	0.045	14	7	0.055	1	5.254	2.627	0.021	0.578
1/25/01	0.039								
1/26/01	0.068								
1/27/01	0.039								
1/28/01	0.043								
1/29/01	0.04								
1/30/01									

Average	0.050	14.25	5.67	0.14	1.00	5.57	2.15	0.06	0.34
Maximum	0.077	26.00	7.00	0.34	1.00	8.89	2.63	0.16	0.58
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