



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
DMR Coordinator
200 Fair Oaks Lane
Frankfort, Kentucky 40601

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

JDJR/Shadow Wood 0109

Enclosures

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



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

NAME SHADOW WOOD SUBD

ADDRESS C/O JOHN KESSEL

6512 FITT LN

LOUISVILLE

KY 40241

FACILITY SHADOW WOOD SUBD

LOCATION LOUISVILLE

KY 40059

ATTN: MARION M GEE

KY0031810
PERMIT NUMBER

001 1
DISCHARGE NUMBER

MINOR
(SUBR LV)
F - FINAL
SANITARY WASTEWATER
EFFLUENT

JEFFE

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

FROM

TO

*** NO DISCHARGE 1-1-07 ***

NOTE: Read Instructions before completing this form.

PARAMETER	X	QUANTITY OR LOADING			QUALITY OR CONCENTRATION			NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM			
OXYGEN, DISSOLVED (DO)		*****	*****		7.1	*****	*****	(15)		
00300 1 0 0		*****	*****	****	7	*****	*****			
EFFLUENT GROSS VALUE				****	INST MIN					WEEKLY
PH		*****	*****		6.6	*****	*****	(12)		
00400 1 0 0		*****	*****	****	8.0	*****	*****			
EFFLUENT GROSS VALUE				****	MINIMUM		MAXIMUM			WEEKLY
SOLIDS, TOTAL SUSPENDED				(26)	*****			(19)		
00530 1 0 0		21.3	42.5		4	30	7	60		
EFFLUENT GROSS VALUE		30DA AVG	DAILY MX	LBS/DY	30DA AVG	DAILY MX	MG/L			WEEKLY
NITROGEN, AMMONIA TOTAL (AS N)				(26)	*****			(19)		
00610 1 0 0		3.54	7.08		0.45	5	0.78	10		
EFFLUENT GROSS VALUE		30DA AVG	DAILY MX	LBS/DY	30DA AVG	DAILY MX	MG/L			WEEKLY
PHOSPHORUS, TOTAL (AS P)		*****	*****		*****			(19)		
00665 1 0 0		*****	*****	****	*****	REPORT	REPORT			
EFFLUENT GROSS VALUE				****	30DA AVG	DAILY MX	MG/L			WEEKLY
FLOW, IN CONDUIT OR THRU TREATMENT PLANT				(05)	*****	*****	*****			
00090 1 0 0		REPORT	REPORT		*****	*****	*****	****		
EFFLUENT GROSS VALUE		30DA AVG	INST MAX	MGD	*****	*****	*****	****		CONTINGENT IN
COLIFORM, FECAL GENERAL		*****	*****		*****			(13)		
74055 1 0 0		*****	*****	****	*****	200	400 #/			
EFFLUENT GROSS VALUE				****	30DA GED	7 DA GED	100ML			WEEKLY

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

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=	1.281		Concentrations				Pounds	
Date	Flow	TSS	BOD	NH3	Fecal	TSS	BOD	NH3
1/1/01	0.043							
1/2/01	0.036							
1/3/01	0.039							
1/4/01	0.041							
1/5/01	0.034	4	3	0.28	1	1.134	0.851	0.079
1/6/01	0.043							
1/7/01	0.042							
1/8/01	0.033							
1/9/01	0.037							
1/10/01	0.059							
1/11/01	0.051							
1/12/01	0.04	2	3	0.78	1	0.667	1.001	0.260
1/13/01	0.039							
1/14/01	0.033							
1/15/01	0.03							
1/16/01	0.032							
1/17/01	0.046							
1/18/01	0.045							
1/19/01	0.035							
1/20/01	0.033	3	3	0.45	1	0.826	0.826	0.124
1/21/01	0.023							
1/22/01	0.029							
1/23/01	0.036							
1/24/01	0.076							
1/25/01	0.04	7	10	0.28	1	2.335	3.336	0.093
1/26/01	0.038							
1/27/01	0.049							
1/28/01	0.031							
1/29/01	0.065							
1/30/01	0.051							
1/31/01	0.052							
Average	0.041	4.00	4.75	0.45	1.00	1.24	1.50	0.14
Maximum	0.076	7.00	10.00	0.78	1.00	2.34	3.34	0.26
Exceed.	0	0	0	0	0	0	0	0
Day Viol.								
Mo. Viol								
Minimum	0.023 MIN		MAX					
DO (min)								
pH								
TRC								

This plant has a summer ammonia limit of 2/4 mg/L and 1.42/2.84pounds
This plant has a winter ammonia limit of 5/10 mg/L and 3.54/7.08 pounds
Winter limits are from November - April, Summer is from May - October

Conc.
T Phos

LAKE FOREST
C/O ERIC G. BRADY
700 W. LIBERTY STREET
LOUISVILLE KY 40203
SHADOW WOOD

KY003900-001 1

Conc.	T Phos	ATTN: H. J. SCHARDI	Quantity or Loading			Quality or Cc	
			Average	Maximum	Units	Minimum	Average
0.229		OXYGEN, DISSOLVEI (DO)	*****	*****	***	0.0	*****
		00300 1 0 0	*****	*****	***	7	*****
		EFFLUENT GROSS VALUE				INST MIN	
		pH	*****	*****	***	0	*****
0.237		00400 1 0 0	*****	*****	***	6.0	*****
		EFFLUENT GROSS VALUE				MINIMUM	
		SOLIDS, TOTAL SUSPENDED			(26)	*****	
		00530 1 0 0	21.3	42.6	LBS/DY	*****	30
		EFFLUENT GROSS V30DA AVG DAILY MX					30DA AVG
		NITROGEN, AMMONIA TOTAL (AS N)			(26)	*****	
0.211		00610 1 2 0	3.54	7.08	LBS/DY	*****	5
		EFFLUENT GROSS V30DA AVG DAILY MX					30DA AVG
		PHOSPHORUS, TOT/ (AS P)	*****	*****	***	*****	0
0.232		00665 1 0 0	*****	*****	***	*****	REPORT
		EFFLUENT GROSS VALUE					30DA AVG
		FLOW, IN CONDUIT OR THRU TREATMENT PLANT			(03)	*****	*****
		50050 1 0 0	REPORT	REPORT	MGD	*****	*****
		EFFLUENT GROSS V30DA AVG INST MAX					
0.23		COLIFORM, FECAL	*****	*****	***	*****	
0.24		GENERAL					
0		74055 1 0 0	*****	*****	***	*****	200
		EFFLUENT GROSS VALUE					30DA GEO
		BOD, CARBONACEOUS 05 DAY, 20C			(26)	*****	
		80082 1 0 0	7.1	14.2	LBS/DY	*****	10
		EFFLUENT GROSS V30DA AVG DAILY MX					30DA AVG