



MSD

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

January 28, 2008

Ms. Kathy Thurman
Kentucky Division of Water
14 Reilly Road
Frankfort, Kentucky 40601

**Re: MSD Metro Operations
Lake of the Woods WTP; KPDES No.: KY0044342
Discharge Monitoring Reports –December 2007**

Dear Ms. Thurman:

Attached is the Discharge Monitoring Reports (DMRs) for the Lake of the Woods WTP; KPDES No.: KY0044342 for the month of December 2007.
If you have any questions concerning the attached DMRs, please contact me at (502)239-7695.

Sincerely,

James E. Porter Jr.
Process Supervisor - Operations

JEP/Lake of the Woods 1207

Enclosures

cc: C. Roth (DOW Louisville)
P. Burgin
R. Shaw
E. G. Brady
T. Singleton



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

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)
 NAME LAKE OF THE WOODS SUBD MSD

ADDRESS 8405 CEDAR CREEK RD
 LOUISVILLE KY 40291

FACILITY LAKE OF THE WOODS SUBD MSD
 LOCATION LOUISVILLE KY 40299

ATTN DENNIS THOMASSON

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

KY0044342 PERMIT NUMBER
 0012 DISCHARGE NUMBER

MINOR (SUBR LV)
 F - FINAL

Form Approved.
 OMB No. 2040-0004

JEFFE

MONITORING PERIOD						
YEAR	MO	DAY	YEAR	MO	DAY	
07	12	01	TO	07	12	31

SANITARY WASTEWATER EFFLUENT

*** NO DISCHARGE ***

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	UNITS			
ARSENIC, DISSOLVED (CO)		*****	*****		9.0	*****	*****	(19)	φ	1/31	GRAB
EFFLUENT GROSS VALUE		*****	*****	***	7 INST MIN	*****	*****	MG/L		ONCE / MONTH	GRAB
BOD5, 5 DAY		*****	*****		7.4	*****	7.4	(12)	φ	1/31	GRAB
EFFLUENT GROSS VALUE		*****	*****	***	6.0 MINIMUM	*****	9.0 MAXIMUM	SU		ONCE / MONTH	GRAB
TOTAL SUSPENDED SOLIDS		5.80	5.80	(26)	*****	6.00	6.00	(19)	φ	1/31	COMPS
EFFLUENT GROSS VALUE		11.0	22.0	LB5/DY	*****	30	60	MG/L		ONCE / MONTH	COMPS
TOTAL AMMONIA NITROGEN		3.32	3.32	(26)	*****	3.75	3.75	(19)	φ	1/31	COMPS
EFFLUENT GROSS VALUE		3.67	7.34	LB5/DY	*****	10	20	MG/L		ONCE / MONTH	COMPS
TOTAL PHOSPHORUS		*****	*****		*****	2.24	2.24	(19)	φ	1/31	COMPS
EFFLUENT GROSS VALUE		*****	*****	***	*****	REPORT	REPORT	MG/L		ONCE / MONTH	COMPS
CONDUCTIVITY OR THRU TREATMENT PLANT		0.051	0.106	(03)	*****	*****	*****	***	φ	INST	INST
EFFLUENT GROSS VALUE		REPORT	REPORT	100	*****	*****	*****	***		WEEK - INSTAN	DAYS
TOTAL FORMALDEHYDE GENERAL		*****	*****		*****	1.00	1.00	(13)	φ	1/31	GRAB
EFFLUENT GROSS VALUE		*****	*****	***	*****	200	400	MG/L		ONCE / MONTH	GRAB

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
 H. J. SCHROEDER 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.

James E. [Signature]
 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE	DATE
502-540-6000	08 01 24
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 LAKE OF THE WOODS SUBD MSD
 ADDRESS 8405 CEDAR CREEK RD
 LOUISVILLE KY 40291

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 LOCATION LOUISVILLE KY 40299
 ATTN DENNIS THOMASSON

MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY
07	12	01		07	12	31

*** NO DISCHARGE [] ***

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		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
100% CARBONATE EQUIV OF DAY, EOC		4.42	4.42	(26)	*****	5.00	5.00	(19)		1/31	COMB
100% CARBONATE EQUIV EFFLUENT GROSS VALUE		11.0 30DA AVG	22.0 DAILY MX	LB/DY	*****	30 30DA AVG	60 DAILY MX	MG/L		ONCE MONTH	COMB

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 H. S. SCHMIDT JR.
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James E. Roberts
 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE		DATE		
502	540-6000	08	01	24
AREA CODE	NUMBER	YEAR	MO	DAY

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