



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

August 16, 2011

Ms. Cheryl Edwards
Kentucky Division of Water
200 Fair Oaks Lane, 4th Floor
Frankfort, Kentucky 40601

Re: MSD Metro Operations
Lake of the Woods WQTC; KPDES No.: KY0044342
Discharge Monitoring Reports – July 2011

Dear Ms. Edwards:

Attached is the Discharge Monitoring Reports (DMRs) and the Monthly Operating Report (MOR) for the Lake of the Woods WQTC; KPDES No.: KY0044342 for the month of July 2011.

There were no exceedences, bypass or overflow reports.

If you have any questions concerning the attached DMRs, please contact me at (502)239-7574.

Sincerely,

Duane V. Wright
Process Supervisor Central Region

DVW/Lake of the Woods 7.11

Enclosures

cc: C. Roth (DOW Louisville)
R. Shaw
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 WGTG MSD
 ADDRESS 1405 CEDAR CREEK WGTG
 1405 CEDAR CREEK RD
 LOUISVILLE KY 40211
 FACILITY LAKE OF THE WOODS WGTG MSD
 LOCATION LOUISVILLE KY 40299
 CITY DENNIS THOMAS L SR MTRD OPS

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

Form Approved.
 OMB No. 2040-0004

PERMIT NUMBER

DISCHARGE NUMBER

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

MONITORING PERIOD						
YEAR	MO.	DAY	TO	YEAR	MO.	DAY

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			
DOXYGEN DISSOLVED (DO)					7				0	1/1	GR
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT				INST MIN			MG/L		MONTH	
EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT				6.0		6.9		0	1/1	GR
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT				MINIMUM		MAXIMUM	MG/L		MONTH	
SOLID, TOTAL SUSPENDED	SAMPLE MEASUREMENT	0.7	0.7			3	3		0	1/31	CP
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	30DA AVG	DAILY MX	LBS/DY		30DA AVG	DAILY MX	MG/L		MONTH	
NITROGEN, AMMONIA TOTAL (AS N)	SAMPLE MEASUREMENT	0.21	0.21			1	1		0	1/31	CP
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	30DA AVG	DAILY MX	LBS/DY		30DA AVG	DAILY MX	MG/L		MONTH	
PHOSPHORUS, TOTAL (AS P)	SAMPLE MEASUREMENT					1.8	1.8		0	1/31	CP
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT					NO AVG	DAILY MX	MG/L		MONTH	
THRU TREATMENT PLANT	SAMPLE MEASUREMENT	0.022	0.040						0	CN	CN
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	30DA AVG	INST MAX	MGD						DAYS	
CHLORINE, TOTAL RESIDUAL	SAMPLE MEASUREMENT					20.010	20.010		0	1/1	GR
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT					30DA AVG	DAILY MX	MG/L		MONTH	

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
 H.J. SCHARDEIN, JR.
 EXEC. DIR.
 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
Dennis Thomas L. Sr.

TELEPHONE
 DATE
 502 540 1000 11 8 99
 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 WOTC MSD
 ADDRESS 170 CEDAR CREEK WOTC
 1405 CEDAR CREEK RD
 LOUISVILLE KY 40211
 FACILITY LAKE OF THE WOODS WOTC MSD
 LOCATION LOUISVILLE KY 40222
 CITY DENNIS THOMASSEN, SR METRO OPS

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

MINOR
 (SUBR LV)
 F - FINAL
 SANITARY WASTEWATER
 EFFLUENT

PERMIT NUMBER

DISCHARGE NUMBER

MONITORING PERIOD						
YEAR	MO.	DAY	TO	YEAR	MO.	DAY

FROM

TO

*** 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			
GENERAL EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT					10	10		0	1/31	GR
	PERMIT REQUIREMENT					30DA SED	7 DA SED	100ML		MONTH	
EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	0.4	0.9			4	4		0	1/31	CP
	PERMIT REQUIREMENT	30DA AVG	DAILY MX	LBS/DY		30DA AVG	DAILY MX	MG/L		MONTH	
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
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SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE
 DATE

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

Lake of the Woods		Report for	Jul-11			Tot. Exc.=	0			
Tot. Flow=	0.686		Concentrations				Pounds			
Date	Flow	TSS	BOD	NH3	Fecal	TSS	BOD	NH3	Tot. Phos.	
7/1/11	0.04									
7/2/11	0.039									
7/3/11	0.028									
7/4/11	0.03									
7/5/11	0.027	3	4	0.95	10	0.676	0.901	0.214	1.78	
7/6/11	0.019									
7/7/11	0.016									
7/8/11	0.028									
7/9/11	0.029									
7/10/11	0.026									
7/11/11	0.018									
7/12/11	0.026									
7/13/11	0.04									
7/14/11	0.025									
7/15/11	0.021									
7/16/11	0.02									
7/17/11	0.02									
7/18/11	0.021									
7/19/11	0.02									
7/20/11	0.034									
7/21/11	0.02									
7/22/11	0.02									
7/23/11	0.015									
7/24/11	0.012									
7/25/11	0.017									
7/26/11	0.013									
7/27/11	0.014									
7/28/11	0.015									
7/29/11	0.009									
7/30/11	0.012									
7/31/11	0.012									
Average	0.022	3.00	4.00	0.95	10.00	0.68	0.90	0.21	1.78	
Maximum	0.040	3.00	4.00	0.95	10.00	0.68	0.90	0.21	1.78	