



Metropolitan Sewer District

Louisville and Jefferson County Metropolitan Sewer District  
700 West Liberty Street  
Louisville Kentucky 40203-1911  
502-540-6000  
[www.msdlouky.org](http://www.msdlouky.org)

October 14, 2010

Ms. Carolena Bentley, DMR Coordinator  
Kentucky Division of Water  
200 Fair Oaks Lane, 4<sup>th</sup> Floor  
Frankfort, Kentucky 40601

Re: MSD Metro Operations  
Lake of the Woods WQTC; KPDES No.: KY0044342  
Discharge Monitoring Reports –September 2010

Dear Ms. Bentley:

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 September 2010.

There were no exceedences, bypasses 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 09.10

Enclosures

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



Beneficial Use of Louisville's Biosolids  
[www.louisvillegreen.com](http://www.louisvillegreen.com)

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)

NAME LAKE OF THE WOOLLY WOTE MSD

ADDRESS 0/0 CEDAR CREEK WOTE

0405 CEDAR CREEK RD

LOUISVILLE

KY 40211

FACILITY LAKE OF THE WOOLLY WOTE MSD

LOCATION LOUISVILLE

KY 40211

ATTN: DENNIS THOMAS, SR. METRO OPS

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

PERMIT NUMBER

DISCHARGE NUMBER

MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY

MINOR  
 (SEWER LVI)  
 P - FINAL  
 SANITARY WASTEWATER  
 EFFLUENT  
 NO NO DISCHARGE

Form Approved  
 OMB No. 2040-0004

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			
XYCEN DISSOLVED (DB)					8				0	0/30	GR
EFFLUENT GROSS VALUE					INST. MIN			MG/L		MONTH	
EFFLUENT GROSS VALUE					6.6		6.6		0	0/30	GR
EFFLUENT GROSS VALUE					MINIMUM		MAXIMUM	50		MONTH	
SUSPENDED		0.4	0.4			2	2		0	0/30	CP
EFFLUENT GROSS VALUE					30DA AVG	DAILY MX	MG/L			MONTH	
NITROGEN AMMONIA TOTAL (AS N)		0.80	0.80			4	4		0	0/30	CP
EFFLUENT GROSS VALUE					30DA AVG	DAILY MX	MG/L			MONTH	
PHOSPHORUS TOTAL (AS P)						2.2	2.2		0	0/30	CP
EFFLUENT GROSS VALUE					MG AVG	DAILY MX	MG/L			MONTH	
THRU TREATMENT PLANT		0.025	0.028						0	CN	CN
EFFLUENT GROSS VALUE					30DA AVG	INST MAX	MGD			DAYS	
GENERAL						2	2		0	0/30	GR
EFFLUENT GROSS VALUE					30DA GEO	7 DA GEO	100ML			MONTH	

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER  
 H.J. SCHARDEN, 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.

*Dennis Thomas, Sr.*  
 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE  
 DATE  
 AREA CODE NUMBER YEAR MO DAY  
 502 542 6000 10 10 14

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

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)  
 NAME **LAKE OF THE WOODS WWTG MSD**  
 ADDRESS **C/O CEDAR CREEK WWTG**  
**1000 CEDAR CREEK RD**  
**LOUISVILLE KY 40211**  
 FACILITY **LAKE OF THE WOODS WWTG MSD**  
 LOCATION **LOUISVILLE KY 40299**  
**ATTN: GONNIE THOMAS JR. SR. METRO DEP**

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

PERMIT NUMBER	DISCHARGE NUMBER
---------------	------------------

71100P  
 10000000  
 P - FINAL  
 SANITARY WASTEWATER  
 EFFLUENT  
 \*\*\* NO DISCHARGE \*\*\*

MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY

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			
PO4, CARBONATE 35 DAY, SOC NOTES: 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	1.2	1.2	LB/500 G		6	6	MG/L	0	1/30	CP
	PERMIT REQUIREMENT	30DA AVG	DAILY MX	LB/500 G		30DA AVG	DAILY MX	MG/L		MONTH	
CHLORINE, TOTAL RESIDUAL 50000 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	XXXXX	XXXXXX	MG/L	XXXXXX	<0.010	<0.010	MG/L	0	1/30	GR
	PERMIT REQUIREMENT	XXXXX	XXXXXX	MG/L	XXXXXX	30DA AVG	DAILY MX	MG/L		MONTH	GRAB
	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  
**M. J. SCHARDIN JR.**  
**EXECUTIVE DIRECTOR**  
 TYPED OR PRINTED

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*[Signature]*  
 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE		DATE		
502	540 6000	10	10	14
AREA CODE	NUMBER	YEAR	MO	DAY

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

**Lake of the Woods**

Report for

**Sep-10**

Tot. Exc.=

0

Tot. Flow= 0.772

Concentrations

Pounds

Date	Flow	TSS	BOD	NH3	Fecal	TSS	BOD	NH3	Tot. Phos.
9/1/10	0.025								
9/2/10	0.026								
9/3/10	0.026								
9/4/10	0.022								
9/5/10	0.023								
9/6/10	0.023								
9/7/10	0.026								
9/8/10	0.028								
9/9/10	0.024								
9/10/10	0.025								
9/11/10	0.027								
9/12/10	0.024								
9/13/10	0.025								
9/14/10	0.024								
9/15/10	0.025								
9/16/10	0.024								
9/17/10	0.024								
9/18/10	0.024								
9/19/10	0.025								
9/20/10	0.025								
9/21/10	0.026								
9/22/10	0.025								
9/23/10	0.024	2	6	4	2	0.400	1.201	0.801	2.16
9/24/10	0.028								
9/25/10	0.024								
9/26/10	0.025								
9/27/10	0.025								
9/28/10	0.025								
9/29/10	0.025								
9/30/10	0.025								

Average	0.025	2.00	6.00	4.00	2.00	0.40	1.20	0.80	2.16
Maximum	0.028	2.00	6.00	4.00	2.00	0.40	1.20	0.80	2.16