



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

January 8, 2012

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 – December 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 December 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 12.11

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 WQTC MSD

ADDRESS 0/0 CEDAR CREEK WQTC
8408 CEDAR CREEK RD
LOUISVILLE KY 40211

FACILITY LAKE OF THE WOODS WQTC MSD

LOCATION LOUISVILLE KY 40299

ATTN: DENNIS THOMASSON, SR METRO OPS

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

MINOR

(SUBR LV)

F - FINAL

SANITARY WASTEWATER

EFFLUENT

*** NO DISCHARGE [] ***

JEFF

PERMIT NUMBER

DISCHARGE NUMBER

MONITORING PERIOD						
YEAR	MO.	DAY	TO	YEAR	MO.	DAY

FROM

TO

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			
OXYGEN, DISSOLVED (DO) 00300 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		9				0	1/1	GR
	PERMIT REQUIREMENT	*****	*****	***	INST MIN			MG/L		MONTH	
PH 00400 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		6.5		7.6		0	1/1	GR
	PERMIT REQUIREMENT	*****	*****	***	MINIMUM		MAXIMUM	SU		MONTH	
SOLIDS, TOTAL SUSPENDED 00520 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	2.1	2.1	LBS/DY		5	5		0	1/31	CP
	PERMIT REQUIREMENT	30DA AVG	DAILY MX	LBS/DY		30DA AVG	DAILY MX	MG/L		MONTH	
NITROGEN, AMMONIA TOTAL (AS N) 00610 1 2 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	0.50	0.50	LBS/DY		1	1		0	1/31	CP
	PERMIT REQUIREMENT	30DA AVG	DAILY MX	LBS/DY		30DA AVG	DAILY MX	MG/L		MONTH	
PHOSPHORUS, TOTAL (AS P) 00665 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****			2.1	2.1		0	1/31	CP
	PERMIT REQUIREMENT	*****	*****	***		MO AVG	DAILY MX	MG/L		MONTH	
FLOW, IN CONDUIT OR THRU TREATMENT PLANT 00050 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	0.059	0.187	MGD					0	EN	EN
	PERMIT REQUIREMENT	30DA AVG	INST MAX	MGD						DAYS	
CHLORINE, TOTAL RESIDUAL 00060 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****			<0.010	<0.010		0	1/1	GR
	PERMIT REQUIREMENT	*****	*****	***		30DA AVG	DAILY MX	MG/L		MONTH	

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
GREG C. HEITZMAN, PE
INTERIM 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 Thomasson

TELEPHONE DATE
502 540 6000 12 1 20
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 WQTC MSD

ADDRESS C/O CEDAR CREEK WQTC

8405 CEDAR CREEK RD

LOUISVILLE

KY 40211

FACILITY LAKE OF THE WOODS WQTC MSD

LOCATION LOUISVILLE

KY 40295

ATTN: DENNIS THOMASSON, SR METRO OPS

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

KY0044342

PERMIT NUMBER

0012

DISCHARGE NUMBER

MINOR

(SUBR LV)

F - FINAL

SANITARY WASTEWATER

EFFLUENT

*** NO DISCHARGE 1-1-88 ***

JEFFE

MONITORING PERIOD						
YEAR	MO.	DAY	TO	YEAR	MO.	DAY
88	12	31		88	12	31

FROM

TO

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			
COLIFORM, FECAL GENERAL	SAMPLE MEASUREMENT	*****	*****		*****	1	1	100	0	1/31	GR
74055 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	***	*****	300A GED	7 DA GED	100ML		MONTH	
BOD, CARBONACEOUS 25 DAY, 20C	SAMPLE MEASUREMENT	4.2	4.2	1.25	*****	10	10	1.25	0	1/31	CP
20082 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	300A AVG	DAILY MX	LBS/DY	*****	300A AVG	DAILY MX	MG/L		MONTH	
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
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	PERMIT REQUIREMENT										

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GREG C. HEITZMAN, PE

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Dwaine J. Wright

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE

502 540 6000

AREA CODE NUMBER

DATE

12 1 20

YEAR MO DAY

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

Lake of the Woods		Report for	Dec-11		Tot. Exc.=		Pounds		
Tot. Flow=	1.825		Concentrations		0				
Date	Flow	TSS	BOD	NH3	Fecal	TSS	BOD	NH3	Tot. Phos.
12/1/11	0.064								
12/2/11	0.050								
12/3/11	0.039								
12/4/11	0.041								
12/5/11	0.117								
12/6/11	0.187								
12/7/11	0.084								
12/8/11	0.050								
12/9/11	0.044								
12/10/11	0.040								
12/11/11	0.039								
12/12/11	0.033								
12/13/11	0.033								
12/14/11	0.036								
12/15/11	0.050	5	10	1.2		2.074	4.147	0.498	2.08
12/16/11	0.047				1				
12/17/11	0.040								
12/18/11	0.039								
12/19/11	0.038								
12/20/11	0.036								
12/21/11	0.058								
12/22/11	0.073								
12/23/11	0.092								
12/24/11	0.068								
12/25/11	0.053								
12/26/11	0.044								
12/27/11	0.091								
12/28/11	0.085								
12/29/11	0.060								
12/30/11	0.051								
12/31/11	0.044								
Average	0.059	5.00	10.00	1.20	1.00	2.07	4.15	0.50	2.08
Maximum	0.187	5.00	10.00	1.20	1.00	2.07	4.15	0.50	2.08