

MSD

Metropolitan Sewer District

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

February 23, 2010

Ms. Carolena Bentley, DMR Coordinator
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 -January 2010**

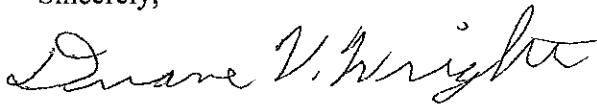
Dear Ms. Bentley:

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 January 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 01.10

Enclosures

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



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

NAME LAKE OF THE WOODS WGTG MSD
 ADDRESS C/O CEDAR CREEK WGTG
 8405 CEDAR CREEK RD
 LOUISVILLE KY 40211
 FACILITY LAKE OF THE WOODS WGTG MSD
 LOCATION LOUISVILLE KY 40299
 ATTN: DENNIS THOMASSEN BY METRO DPE

PERMIT NUMBER

DISCHARGE NUMBER

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

MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY
20	04	01		20	04	21

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			
OXYGEN, DISSOLVED (DO)	*****	*****			9	*****	*****	(19)	0	01/31/20	GR
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	*****	INST MIN	*****	*****	MG/L		ONCE/MONTH	GRAB
PH	*****	*****			7.4	*****	*****	(12)	0	01/31/20	GR
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	*****	6.0 MINIMUM	*****	9.0 MAXIMUM	50		ONCE/MONTH	GRAB
SOLIDS, TOTAL SUSPENDED	*****	1.3	1.3	(25)	*****	8	8	(19)	0	01/31/20	CP
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	11.0 30DA AVG	22.0 DAILY MX	LBS/DY	*****	30 30DA AVG	20 DAILY MX	MG/L		ONCE/MONTH	CORPUS
NITROGEN, AMMONIA TOTAL (AS N)	*****	0.32	0.32	(26)	*****	2	2	(19)	0	01/31/20	CP
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	8.67 30DA AVG	7.34 DAILY MX	LBS/DY	*****	10 30DA AVG	20 DAILY MX	MG/L		ONCE/MONTH	CORPUS
PHOSPHORUS, TOTAL (AS P)	*****	*****	*****		*****	2.3	2.3	(19)	0	01/31/20	CP
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	*****	*****	REPORT NO AVG	REPORT DAILY MX	MG/L		ONCE/MONTH	CORPUS
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	*****	0.035	0.115	(03)	*****	*****	*****	*****	0	CN	CN
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	REPORT 30DA AVG	REPORT INST MAX	MGD	*****	*****	*****	*****		WEEK-DAYS	INSTANT
COLEIFORM, FECAL GENERAL	*****	*****	*****		*****	1	1	(13)	0	01/31/20	GR
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	*****	*****	200 30DA GEO	400 7 DA GEO	*/100ML		ONCE/MONTH	GRAB

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
 H.J. ...
 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
 [Signature]

TELEPHONE 312 540 6000
 DATE 10 02 23

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
 4409 CEDAR CREEK RD
 LOUISVILLE KY 40211

FACILITY LAKE OF THE WOODS WQTC MSD
 LOCATION LOUISVILLE KY 40211

ATTN: DONALD THOMASSEN, SR METRO CPE

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

PERMIT NUMBER 4500443342
 DISCHARGE NUMBER 0012

MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY
20	01	01	TO	20	01	01

MINOR (SUBR LV)
 F - FINAL
 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			
CO ₂ CARBONACEOUS 55 DAY, 200 MOORE & C O EFFLUENT GROSS VALUE		1.6	1.6	(25)	*****	10	10	(15)	0	01/31/90	LD
		11.0	22.0		*****	30	60			ONCE / MONTH	COMPOS
		30DA AVG	DAILY MX	LBS/DY		30DA AVG	DAILY MX	MG/L			

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

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT
 [Signature]

TELEPHONE 502-590-6000
 DATE 10 02 23
 AREA CODE NUMBER YEAR MO DAY

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

Lake of the Woods		Report for	Jan-10			Tot. Exc.=		0		
Tot. Flow=	1.082		Concentrations				Pounds			
Date	Flow	TSS	BOD	NH3	Fecal	TSS	BOD	NH3	Tot. Phos.	
1/1/10	0.022									
1/2/10	0.022									
1/3/10	0.021									
1/4/10	0.019	8	10	2	1	1.268	1.585	0.317	2.28	
1/5/10	0.017									
1/6/10	0.016									
1/7/10	0.019									
1/8/10	0.018									
1/9/10	0.018									
1/10/10	0.017									
1/11/10	0.019									
1/12/10	0.016									
1/13/10	0.016									
1/14/10	0.016									
1/15/10	0.017									
1/16/10	0.018									
1/17/10	0.032									
1/18/10	0.038									
1/19/10	0.031									
1/20/10	0.045									
1/21/10	0.113									
1/22/10	0.115									
1/23/10	0.061									
1/24/10	0.081									
1/25/10	0.077									
1/26/10	0.048									
1/27/10	0.037									
1/28/10	0.031									
1/29/10	0.028									
1/30/10	0.027									
1/31/10	0.027									
Average	0.035	8.00	10.00	2.00	1.00	1.27	1.58	0.32	2.28	
Maximum	0.115	8.00	10.00	2.00	1.00	1.27	1.58	0.32	2.28	