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

May 18, 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 – April 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 April 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 4.11

Enclosures

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

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

NAME LAKE OF THE WOODS WQTC MSD

ADDRESS C/O CEDAR CREEK WQTC
5405 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)*

PERMIT NUMBER	DISCHARGE NUMBER
[illegible]	[illegible]

MONITORING PERIOD	YEAR	MO	DAY		YEAR	MO	DAY
FROM				TO			

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

JEFFE

Form Approved.
OMB No. 2040-0004

NOTE: Read Instructions before completing this form.

PARAMETER		QUANTITY OR LOADING AVERAGE	QUANTITY OR LOADING MAXIMUM	UNITS	QUALITY OR CONCENTRATION MINIMUM	QUALITY OR CONCENTRATION AVERAGE	QUALITY OR CONCENTRATION MAXIMUM	UNITS	NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
OXYGEN, DISSOLVED (DO) 00300 1 0 0	SAMPLE MEASUREMENT	******	******		7	******	******		0	01/30	GR
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	******	******	*** ****	INST MIN	******	******	MG/L		MONTH	
pH 00400 1 0 0	SAMPLE MEASUREMENT	******	******		6.7	******	6.7		0	01/30	GR
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	******	******	*** ****	MINIMUM	******	MAXIMUM	SU		MONTH	
SOLIDS, TOTAL SUSPENDED 00530 1 0 0	SAMPLE MEASUREMENT	8.7	11.6		******	19	21		0	02/30	CP
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	[illegible] 30DA AVG	[illegible] DAILY MX	LBS/DY	******	[illegible] 30DA AVG	[illegible] DAILY MX	MG/L		MONTH	
NITROGEN, AMMONIA TOTAL (AS N) 00610 1 2 0	SAMPLE MEASUREMENT	0.55	0.55		******	1	1		0	01/30	CP
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	[illegible] 30DA AVG	[illegible] DAILY MX	LBS/DY	******	[illegible] 30DA AVG	[illegible] DAILY MX	MG/L		MONTH	
PHOSPHORUS, TOTAL (AS P) 00665 1 0 0	SAMPLE MEASUREMENT	******	******		******	1.5	1.5		0	01/30	CP
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	******	******	*** ****	******	REPORT MO AVG	REPORT DAILY MX	MG/L		MONTH	
FLOW, IN CONDUIT OR THRU TREATMENT PLANT 50050 1 0 0	SAMPLE MEASUREMENT	0.066	0.157		******	******	******		0	CN	CN
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	REPORT 30DA AVG	REPORT INST MAX	MGD	******	******	******	*** ****		DAYS	
CHLORINE, TOTAL RESIDUAL 50060 1 0 0	SAMPLE MEASUREMENT	******	******		******	<0.010	<0.010		0	01/30	GR
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	******	******	*** ****	******	[illegible] 30DA AVG	[illegible] DAILY MX	MG/L		MONTH	

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

H.J. SCHARDEIN, 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.

Duane V. Wright [signature]
SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE AREA CODE	NUMBER	DATE YEAR	MO	DAY
502	540-6000	11	05	23

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

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

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8405 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)*

PERMIT NUMBER: [illegible] DISCHARGE NUMBER: [illegible]

MONITORING PERIOD

	YEAR	MO	DAY		YEAR	MO	DAY
FROM				TO			

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

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COLIFORM, FECAL GENERAL 74055 1 0 0	SAMPLE MEASUREMENT	******	******		******	1	1		0	0/30	GR
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	******	******	*** ****	******	200 30DA GEO	400 7 DA GEO	#/100ML		ONCE/ MONTH	GRAB
BOD, CARBONACEOUS 05 DAY, 20C 80082 1 0 0	SAMPLE MEASUREMENT	2.8	2.8		******	5	5		0	0/30	CD
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	[illegible] 30DA AVG	[illegible] DAILY MX	LBS/DY	******	[illegible] 30DA AVG	[illegible] DAILY MX	MG/L		[illegible]/ MONTH	[illegible]
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
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[signature]
SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE		DATE		
502	540-6000	11	05	23
AREA CODE	NUMBER	YEAR	MO	DAY

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

Lake of the Woods Report for **Apr-11** Tot. Exc.= 0

Tot. Flow= 2.042 Concentrations Pounds

Date	Flow	TSS	BOD	NH3	Fecal	TSS	BOD	NH3	Tot. Phos.
4/1/11	0.023								
4/2/11	0.025								
4/3/11	0.018								
4/4/11	0.059								
4/5/11	0.095								
4/6/11	0.046								
4/7/11	0.032								
4/8/11	0.025								
4/9/11	0.032								
4/10/11	0.045								
4/11/11	0.066	21	5	1	1	11.559	2.752	0.550	1.52
4/12/11	0.093								
4/13/11	0.085								
4/14/11	0.043								
4/15/11	0.038								
4/16/11	0.064								
4/17/11	0.053								
4/18/11	0.038								
4/19/11	0.03								
4/20/11	0.055								
4/21/11	0.041	17				5.813			
4/22/11	0.038								
4/23/11	0.138								
4/24/11	0.145								
4/25/11	0.157								
4/26/11	0.09								
4/27/11	0.153								
4/28/11	0.101								
4/29/11	0.092								
4/30/11	0.056								
Average	0.066	19.00	5.00	1.00	1.00	8.69	2.75	0.55	1.52
Maximum	0.157	21.00	5.00	1.00	1.00	11.56	2.75	0.55	1.52