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

November 19, 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 – October 2012

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 October 2012.

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

Duane V. Wright
Process Supervisor Central Region

DVW/Lake of the Woods 10.12

Enclosures

cc: R. Shaw
T. Singleton

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

Form Approved
OMB No. 2040-0004

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

NAME: CEDAR CREEK WQTC
ADDRESS: 8405 CEDAR CREEK RD
LOUISVILLE, KY 40211
FACILITY: LAKE OF THE WOODS WQTC MSD
LOCATION: 11006 WALBRIDGE CT
LOUISVILLE, KY 40299
ATTN: DENNIS THOMASSON, SR METRO OPS

KY0044342	001-2
PERMIT NUMBER	DISCHARGE NUMBER

MONITORING PERIOD			
	MM/DD/YYYY		MM/DD/YYYY
FROM	10/01/2012	TO	10/31/2012

DMR Mailing ZIP CODE: 40211
MINOR
(SUBR LV) JEFFE
SANITARY WASTEWATER
External Outfall

No Discharge ☐

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS			
Oxygen, dissolved (DO)	SAMPLE MEASUREMENT	*****	*****	*****	8	*****	*****		0	1/1	GR
00300 1 0 Effluent Gross	PERMIT REQUIREMENT	*****	*****	*****	7 INST MIN	*****	*****	mg/L		Monthly	GRAB
pH	SAMPLE MEASUREMENT	*****	*****	*****	6	*****	8		0	1/1	GR
00400 1 0 Effluent Gross	PERMIT REQUIREMENT	*****	*****	*****	6 MINIMUM	*****	9 MAXIMUM	SU		Monthly	GRAB
Solids, total suspended	SAMPLE MEASUREMENT	2	2		*****	8	8		0	1/31	CP
00530 1 0 Effluent Gross	PERMIT REQUIREMENT	11 30DA AVG	22 DAILY MX	lb/d	*****	30 30DA AVG	60 DAILY MX	mg/L		Monthly	COMPOS
Nitrogen, ammonia total (as N)	SAMPLE MEASUREMENT	0.10	0.10		*****	0.5	0.5		0	1/31	CP
00610 1 1 Effluent Gross	PERMIT REQUIREMENT	1.47 30DA AVG	2.94 DAILY MX	lb/d	*****	4 30DA AVG	8 DAILY MX	mg/L		Monthly	COMPOS
Phosphorus, total (as P)	SAMPLE MEASUREMENT	*****	*****	*****	*****	2.5	2.5		0	1/31	CP
00665 1 0 Effluent Gross	PERMIT REQUIREMENT	*****	*****	*****	*****	Req. Mon. MO AVG	Req. Mon. DAILY MX	mg/L		Monthly	COMPOS
Flow, in conduit or thru treatment plant	SAMPLE MEASUREMENT	0.027	0.069		*****	*****	*****	*****	0	CN	CN
50050 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. 30DA AVG	Req. Mon. INST MAX	MGD	*****	*****	*****	*****		Weekdays	INSTAN
Chlorine, total residual	SAMPLE MEASUREMENT	*****	*****	*****	*****	<0.010	<0.010		0	1/1	GR
50060 1 0 Effluent Gross	PERMIT REQUIREMENT	*****	*****	*****	*****	.011 30DA AVG	.019 DAILY MX	mg/L		Monthly	GRAB

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER			TELEPHONE		DATE
GREG C. HEITZMAN INTERIM EX-EC. DIR.	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.	Dwayne J. Wright	502	5406000	11/20/2012
TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA Code	NUMBER	MM/DD/YYYY

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)
Parameter 00610 - Use Season 1 for summer months (May, June, July, August, September, and October) and Season 2 for winter months (November, December, January, February March, and April); enter NODI=9 for the Season not needed.

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

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		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS			
Coliform, fecal general 74055 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****	*****	*****	2	2		0	1/31	GR
	PERMIT REQUIREMENT	*****	*****	*****	*****	200 30DA GEO	400 7 DA GEO	#/100mL		Monthly	GRAB
BOD, carbonaceous, 05 day, 20 C 80082 1 0 Effluent Gross	SAMPLE MEASUREMENT	1	1		*****	6	6		0	9/30	CP
	PERMIT REQUIREMENT	11 30DA AVG	22 DAILY MX	lb/d	*****	30 30DA AVG	60 DAILY MX	mg/L		Monthly	COMPOS

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GREG C HERZMAN INTERIM EXEC DIR	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	502	3406000	11/20/2012
TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA Code	NUMBER	MM/DD/YYYY

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Lake of the Woods Report for **Oct-12** Tot. Exc.= 0

Tot. Flow=	0.846	Concentrations				Pounds			
Date	Flow	TSS	BOD	NH3	Fecal	TSS	BOD	NH3	Tot. Phos.
10/1/12	0.035								
10/2/12	0.069								
10/3/12	0.042								
10/4/12	0.030								
10/5/12	0.024								
10/6/12	0.027								
10/7/12	0.030								
10/8/12	0.025								
10/9/12	0.024								
10/10/12	0.024								
10/11/12	0.023								
10/12/12	0.015								
10/13/12	0.018								
10/14/12	0.023								
10/15/12	0.025	8	6	0.5		1.668	1.251	0.104	2.46
10/16/12	0.022				2				
10/17/12	0.022								
10/18/12	0.027								
10/19/12	0.027								
10/20/12	0.026								
10/21/12	0.026								
10/22/12	0.026								
10/23/12	0.024								
10/24/12	0.024								
10/25/12	0.024								
10/26/12	0.029								
10/27/12	0.037								
10/28/12	0.029								
10/29/12	0.024								
10/30/12	0.022								
10/31/12	0.023								
Average	0.027	8.00	6.00	0.50	2.00	1.67	1.25	0.10	2.46
Maximum	0.069	8.00	6.00	0.50	2.00	1.67	1.25	0.10	2.46