



*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)

March 22, 2013

Ms. Cheryl Edwards  
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 – February 2013**

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 February 2013.

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,

A handwritten signature in cursive script that reads "Duane V. Wright".

Duane V. Wright  
Process Supervisor Central Region

DVW/Lake of the Woods 2.13

Enclosures

cc: R. Shaw  
T. Singleton



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

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: KEVIN RIES

KY0044342	001-2
PERMIT NUMBER	DISCHARGE NUMBER

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

MONITORING PERIOD			
MM/DD/YYYY		MM/DD/YYYY	
FROM 02/01/2013	TO	02/28/2013	

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) 00300 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****	*****	10	*****	*****		0	1/1	GR
	PERMIT REQUIREMENT	*****	*****	*****	7 INST MIN	*****	*****	mg/L		Monthly	GRAB
pH 00400 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****	*****	7	*****	8		0	1/1	GR
	PERMIT REQUIREMENT	*****	*****	*****	6 MINIMUM	*****	9 MAXIMUM	SU		Monthly	GRAB
Solids, total suspended 00530 1 0 Effluent Gross	SAMPLE MEASUREMENT	2	2		*****	6	6		0	1/28	CP
	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) 00610 1 2 Effluent Gross	SAMPLE MEASUREMENT	0.94	0.94		*****	4	4		0	1/28	CP
	PERMIT REQUIREMENT	3.67 30DA AVG	7.34 DAILY MX	lb/d	*****	10 30DA AVG	20 DAILY MX	mg/L		Monthly	COMPOS
Phosphorus, total (as P) 00665 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****	*****	*****	2.1	2.1		0	1/28	CP
	PERMIT REQUIREMENT	*****	*****	*****	*****	Req. Mon. MO AVG	Req. Mon. DAILY MX	mg/L		Monthly	COMPOS
Flow, in conduit or thru treatment plant 50050 1 0 Effluent Gross	SAMPLE MEASUREMENT	0.036	0.067		*****	*****	*****	*****	0	CN	CN
	PERMIT REQUIREMENT	Req. Mon. 30DA AVG	Req. Mon. INST MAX	MGD	*****	*****	*****	*****		Weekdays	INSTAN
Chlorine, total residual 50060 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****	*****	*****	LO.010	LO.010		0	1/1	GR
	PERMIT REQUIREMENT	*****	*****	*****	*****	.011 30DA AVG	.019 DAILY MX	mg/L		Monthly	GRAB

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER GREG HEITZMAN 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 <i>Deane V. Wright</i>	TELEPHONE	DATE
			AREA Code	NUMBER
			572 340 6000	02/25/2013

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)  
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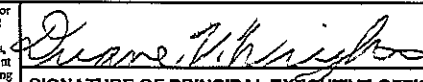
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MM/DD/YYYY	MM/DD/YYYY
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No Discharge

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		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS			
Coliform, fecal general	SAMPLE MEASUREMENT	*****	*****	*****	*****	2	2		0	1/28	GR
74055 1 0 Effluent Gross	PERMIT REQUIREMENT	*****	*****	*****	*****	200 30DA GEO	400 7 DA GEO	#/100mL		Monthly	GRAB
BOD, carbonaceous, 05 day, 20 C	SAMPLE MEASUREMENT	2	2		*****	9	9		0	1/28	CP
80082 1 0 Effluent Gross	PERMIT REQUIREMENT	11 30DA AVG	22 DAILY MX	lb/d	*****	30 30DA AVG	60 DAILY MX	mg/L		Monthly	COMPOS

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	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 fines and imprisonment for knowing violations.	TELEPHONE	DATE
GREG HEITZMAN EXEC. DIR. TYPED OR PRINTED			502 5406000
	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA Code	NUMBER
			MM/DD/YYYY

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Lake of the Woods		Report for	Feb-13		Tot. Exc.=		0			
Tot. Flow=	1.109	Concentrations		Pounds						
Date	Flow	TSS	BOD	NH3	Fecal	TSS	BOD	NH3	Tot. Phos.	
2/1/13	0.046									
2/2/13	0.046									
2/3/13	0.040									
2/4/13	0.036									
2/5/13	0.039									
2/6/13	0.034									
2/7/13	0.029									
2/8/13	0.031									
2/9/13	0.032									
2/10/13	0.038									
2/11/13	0.032	6	9	3.5		1.61	2.42	0.94	2.13	
2/12/13	0.028				2					
2/13/13	0.028									
2/14/13	0.028									
2/15/13	0.023									
2/16/13	0.022									
2/17/13	0.021									
2/18/13	0.023									
2/19/13	0.031									
2/20/13	0.033									
2/21/13	0.030									
2/22/13	0.045									
2/23/13	0.041									
2/24/13	0.045									
2/25/13	0.040									
2/26/13	0.035									
2/27/13	0.060									
2/28/13	0.067									
3/1/13										
3/2/13										
3/3/13										
Average	0.036	6	9	4	2.00	2	2.42	0.94	2.1	
Maximum	0.067	6	9	3.5	2.00	2	2.42	0.9	2.1	