



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)

June 20, 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 – May 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 May 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 5.13

Enclosures

cc: R. Shaw  
T. Singleton



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

# DMR Copy of Record

<b>Permit</b>			
Permit #:	KY0044342	Permittee:	LAKE OF THE WOODS WQTC MSD
Major:	No	Permittee Address:	11006 WALBRIDGE CT LOUISVILLE, KY 40299
Permitted Feature:	001 External Outfall	Discharge:	001-2 SANITARY WASTEWATER
Facility:		Facility Location:	LAKE OF THE WOODS WQTC MSD 11006 WALBRIDGE CT LOUISVILLE, KY 40299

<b>Report Dates &amp; Status</b>			
Monitoring Period:	From 05/01/13 to 05/31/13	DMR Due Date:	06/28/13
Status:	NetDMR Validated		

**Considerations for Form Completion**

<b>Principal Executive Officer</b>			
First Name:	Greg	Title:	Executive Director
Last Name:	Heitzman	Telephone:	502-540-6000

<b>No Data Indicator (NODI)</b>			
Form NODI:	--		

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading					Quality or Concentration					# of Ex.	Frequency of Analysis	Sample Type		
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3				Value 3	Units
00300	Oxygen, dissolved (DO)	1 - Effluent Gross	0	--	Sample	=	7				=	7				19 - mg/L	0	01/01 - Daily	GR - GRAB
					Permit Req.	>=	7 INST MIN								19 - mg/L		01/30 - Monthly	GR - GRAB	
					Value NODI														
00400	pH	1 - Effluent Gross	0	--	Sample	=	6				=	8			12 - SU	0	01/01 - Daily	GR - GRAB	
					Permit Req.	>=	6 MINIMUM				<=	9 MAXIMUM		12 - SU		01/30 - Monthly	GR - GRAB		
					Value NODI														
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample	=	3	=	3	26 - lb/d	=	10	=	10	19 - mg/L	0	01/30 - Monthly	CP - COMPOS	
					Permit Req.	<=	11 30DA AVG	<=	22 DAILY MX	26 - lb/d	<=	30 30DA AVG	<=	60 DAILY MX	19 - mg/L		01/30 - Monthly	CP - COMPOS	
					Value NODI														
00610	Nitrogen, ammonia total (as N)	1 - Effluent Gross	1	--	Sample	=	1.05	=	1.05	26 - lb/d	=	4	=	4	19 - mg/L	0	01/30 - Monthly	CP - COMPOS	
					Permit Req.	<=	1.47 30DA AVG	<=	2.94 DAILY MX	26 - lb/d	<=	4 30DA AVG	<=	8 DAILY MX	19 - mg/L		01/30 - Monthly	CP - COMPOS	
					Value NODI														
00665	Phosphorus, total (as P)	1 - Effluent Gross	0	--	Sample						=	1.8	=	1.8	19 - mg/L	0	01/30 - Monthly	CP - COMPOS	
					Permit Req.							Req Mon MO AVG		Req Mon DAILY MX	19 - mg/L		01/30 - Monthly	CP - COMPOS	
					Value NODI														
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	0.039	=	0.085	03 - MGD							99/99 - Continuous	IN - INSTAN	
					Permit Req.		Req Mon 30DA AVG		Req Mon INST MAX	03 - MGD							0	05/07 - Weekdays	IN - INSTAN
					Value NODI														
50060	Chlorine, total residual	1 - Effluent Gross	0	--	Sample						<	0.01	<	0.01	19 - mg/L	0	01/01 - Daily	GR - GRAB	
					Permit Req.						<=	.011 30DA AVG	<=	.019 DAILY MX	19 - mg/L		01/30 - Monthly	GR - GRAB	
					Value NODI														
74055	Coliform, fecal general	1 - Effluent Gross	0	--	Sample						=	2	=	2	13 - #/100mL	0	01/30 - Monthly	GR - GRAB	
					Permit Req.						<=	200 30DA GEO	<=	400 7 DA GEO	13 - #/100mL		01/30 - Monthly	GR - GRAB	
					Value NODI														
80082	BOD, carbonaceous, 05 day, 20 C	1 - Effluent Gross	0	--	Sample	=	1	=	1	26 - lb/d	=	4	=	4	19 - mg/L	0	01/30 - Monthly	CP - COMPOS	
					Permit Req.	<=	11 30DA AVG	<=	22 DAILY MX	26 - lb/d	<=	30 30DA AVG	<=	60 DAILY MX	19 - mg/L		01/30 - Monthly	CP - COMPOS	
					Value NODI														

**Submission Note**  
If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

**Edit Check Errors**  
No errors.

**Comments**

<b>Attachments</b>		
Name	Type	Size
LakeOWoods052013_cover.pdf	pdf	17211
LAKEOWOODS052013_MOR.pdf	pdf	14648

**Report Last Saved By**  
LAKE OF THE WOODS WQTC MSD

User:	kevin.ries@louisvillemsd.org	Date/Time:	2013-06-27 11:06 (Time Zone: -04:00)
Name:	kevin ries		
E-Mail:	kevin.ries@louisvillemsd.org		

