



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

August 13, 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 – July 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 July 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,

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

Duane V. Wright
Process Supervisor Central Region

DVW/Lake of the Woods 7.12

Enclosures

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



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

DISCHARGE MONITORING REPORT (DMR)

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

KY0044342	001-2
PERMIT NUMBER	DISCHARGE NUMBER

DMR Mailing ZIP CODE: 40211

MINOR
 (SUBR LV) JEFFE
 SANITARY WASTEWATER
 External Outfall

ATTN: DENNIS THOMASSON, SR METRO OPS

FROM

MONITORING PERIOD	
MM/DD/YYYY	MM/DD/YYYY
07/01/2012	07/31/2012

TO

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	*****	*****	*****	7	*****	*****		0	1/1	GR
00300 1 0 Effluent Gross	PERMIT REQUIREMENT	*****	*****	*****	7 INST MIN	*****	*****	mg/L		Monthly	GRAB
pH	SAMPLE MEASUREMENT	*****	*****	*****	7	*****	7		0	1/1	GR
00400 1 0 Effluent Gross	PERMIT REQUIREMENT	*****	*****	*****	6 MINIMUM	*****	9 MAXIMUM	SU		Monthly	GRAB
Solids, total suspended	SAMPLE MEASUREMENT	0.4	0.4		*****	2	2		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	0.20	0.20		*****	1	1		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	*****	*****	*****	*****	0.9	0.9		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	0.033	0.062		*****	*****	*****	*****	0	CN	CN
50050 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. 30DA AVG	Req. Mon. INST MAX	MGD	*****	*****	*****	*****		Weekdays 2-11P	INSTAN
Chlorine, total residual	SAMPLE MEASUREMENT	*****	*****	*****	*****	<0.010	<0.010		0	1/31	GR
50060 1 0 Effluent Gross	PERMIT REQUIREMENT	*****	*****	*****	*****	.011 30DA AVG	.019 DAILY MX	mg/L		Monthly	GRAB

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 fine and imprisonment for knowing violations.	TELEPHONE		DATE
GRUB C. HEITZMAN INTERIM EXEC. DIR. TYPED OR PRINTED		302 540 2012		08/21/2012
SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT		AREA Code	NUMBER	MM/DD/YYYY

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

DISCHARGE MONITORING REPORT (DMR)

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

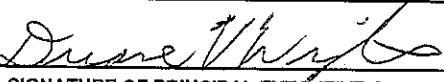
DMR Mailing ZIP CODE: 40211

MINOR
(SUBR LV) JEFFE
SANITARY WASTEWATER
External Outfall

MONITORING PERIOD			
MM/DD/YYYY			MM/DD/YYYY
FROM	07/01/2012	TO	07/31/2012

No Discharge ☐

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS			
Coliform, fecal general	SAMPLE MEASUREMENT	*****	*****	*****	*****	2	2		0	1/31	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	0.4	0.4		*****	2	2		0	1/31	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

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6066 C. HEITEMAN INTERIM EXEC DIR TYPED OR PRINTED			502 540 6000		08/21/2012	
SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT			AREA Code	NUMBER	MM/DD/YYYY	

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

Lake of the Woods		Report for	Jul-12		Tot. Exc.=		0		
Tot. Flow=		1.009	Concentrations				Pounds		
Date	Flow	TSS	BOD	NH3	Fecal	TSS	BOD	NH3	Tot. Phos.
7/1/12	0.027								
7/2/12	0.032								
7/3/12	0.026								
7/4/12	0.023								
7/5/12	0.023								
7/6/12	0.020								
7/7/12	0.019								
7/8/12	0.019								
7/9/12	0.020								
7/10/12	0.022	2	2	1.1		0.37	0.37	0.20	0.94
7/11/12	0.025				2				
7/12/12	0.040								
7/13/12	0.028								
7/14/12	0.033								
7/15/12	0.036								
7/16/12	0.033								
7/17/12	0.029								
7/18/12	0.032								
7/19/12	0.058								
7/20/12	0.062								
7/21/12	0.038								
7/22/12	0.042								
7/23/12	0.037								
7/24/12	0.037								
7/25/12	0.033								
7/26/12	0.032								
7/27/12	0.045								
7/28/12	0.057								
7/29/12	0.036								
7/30/12	0.024								
7/31/12	0.021								
Average	0.033	2.00	2.00	1.10	2.00	0.37	0.37	0.20	0.94
Maximum	0.062	2.00	2.00	1.10	2.00	0.37	0.37	0.20	0.94