



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

March 22, 2013

Ms. Cheryl Edwards
Kentucky Division of Water
200 Fair Oaks Lane
Frankfort, Kentucky 40601

**Re: MSD Metro Operations
McNeely Lake WQTC; KPDES No.: KY0029416
Discharge Monitoring Reports – February 2013.**

Dear Ms. Cheryl Edwards:

Attached are the Discharge Monitoring Reports (DMRs) and the Monthly Operating Report (MOR) for the McNeely Lake WQTC, KPDES No.: KY0029416 for the month of February 2013.

There were no exceedences, bypasses or overflows to report.

If you have any questions concerning the attached DMRs, please contact me at (502) 540-6031.

Sincerely,

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

Duane V. Wright
Process Supervisor, Central region

JMK/McNeely Lake 02.13

Enclosures

cc: T. Singleton
R. Shaw



Beneficial Use of Louisville's Biosolids
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: MCNEELY LAKE WQTC MSD
LOCATION: 10300 ROD N REEL RD
LOUISVILLE, KY 40229
ATTN: KEVIN RIES

KY0029416	001-1
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	*****	*****	*****	7	*****	*****		0	1/1	GR
	PERMIT REQUIREMENT	*****	*****	*****	7 INST MIN	*****	*****	mg/L		Weekly	GRAB
pH 00400 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****	*****	6	*****	8		0	1/1	GR
	PERMIT REQUIREMENT	*****	*****	*****	6 MINIMUM	*****	9 MAXIMUM	SU		Weekly	GRAB
Solids, total suspended 00530 1 0 Effluent Gross	SAMPLE MEASUREMENT	10	13		*****	12	13		0	1/1	CP
	PERMIT REQUIREMENT	51 30DA AVG	103 DAILY MX	lb/d	*****	30 30DA AVG	60 DAILY MX	mg/L		Weekly	COMPOS
Nitrogen, ammonia total (as N) 00610 1 2 Effluent Gross	SAMPLE MEASUREMENT	0.4	0.5		*****	0.5	0.6		0	1/1	CP
	PERMIT REQUIREMENT	17 30DA AVG	34 DAILY MX	lb/d	*****	10 30DA AVG	20 DAILY MX	mg/L		Weekly	COMPOS
Phosphorus, total (as P) 00665 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****	*****	*****	3.4	3.9		0	1/1	CP
	PERMIT REQUIREMENT	*****	*****	*****	*****	Req. Mon. 30DA AVG	Req. Mon. DAILY MX	mg/L		Monthly	COMPOS
Flow, in conduit or thru treatment plant 50050 1 0 Effluent Gross	SAMPLE MEASUREMENT	0.098	0.129		*****	*****	*****	*****	0	CW	CW
	PERMIT REQUIREMENT	Req. Mon. 30DA AVG	Req. Mon. INST MAX	MGD	*****	*****	*****	*****		Continuous	CONTIN
Chlorine, total residual 50060 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****	*****	*****	20.010	20.010		0	1/1	GR
	PERMIT REQUIREMENT	*****	*****	*****	*****	.011 30DA AVG	.019 DAILY MX	mg/L		Weekly	GRAB

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER GREG HEITMAN EX. 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.	TELEPHONE	DATE
		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT <i>Diane V. Wright</i>	502 5406000
		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 NDI=9 for the Season not needed.

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
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		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS			
Coliform, fecal general 74055 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****	*****	*****	37	195		0	1/3	GR
	PERMIT REQUIREMENT	*****	*****	*****	*****	200 30DA GEO	400 7 DA GEO	#/100mL		Weekly	GRAB
BOD, carbonaceous, 05 day, 20 C 80082 1 0 Effluent Gross	SAMPLE MEASUREMENT	5	6		*****	5	7		0	1/3	CD
	PERMIT REQUIREMENT	26 30DA AVG	51 DAILY MX	lb/d	*****	15 30DA AVG	30 DAILY MX	mg/L		Weekly	COMPOS

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			AREA Code	NUMBER

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

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McNeely Lake		Report for	Feb-13			Tot. Exc.=		0		
Tot. Flow=	2.73757		Concentrations					Pounds		
Date	Flow	TSS	BOD	NH3	Fecal	TSS	BOD	NH3	Tot. Phos.	
2/1/13	0.129									
2/2/13	0.118									
2/3/13	0.119	13	6	0.45		12.95	5.98	0.45	2.46	
2/4/13	0.111				16					
2/5/13	0.107									
2/6/13	0.102									
2/7/13	0.092									
2/8/13	0.091									
2/9/13	0.095									
2/10/13	0.106	10	2	0.45		8.80	1.76	0.40	3.71	
2/11/13	0.101				195					
2/12/13	0.090									
2/13/13	0.084									
2/14/13	0.084									
2/15/13	0.081									
2/16/13	0.087									
2/17/13	0.096	12	6	0.56		9.61	4.80	0.45	3.9	
2/18/13	0.087				36					
2/19/13	0.087									
2/20/13	0.078									
2/21/13	0.081									
2/22/13	0.090									
2/23/13	0.090									
2/24/13	0.100	12	7	0.45		10.05	5.86	0.38	3.39	
2/25/13	0.093				17					
2/26/13	0.109									
2/27/13	0.124									
2/28/13	0.105									
3/1/13										
3/2/13										
3/3/13										
Average	0.098	12	5	0.5	37.17	10.35	4.60	0.42	3.4	
Maximum	0.129	13	7	0.6	195.00	12.95	5.98	0.45	3.9	