



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

January 23, 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 – December 2012.**

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 December 2012.

There were no exceedences, bypasses or overflow reports during the month of December for the Mcneely Lake WQTC.

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

Sincerely,

A handwritten signature in black ink, appearing to read "J. Kessel", written over a horizontal line.

John Kessel
Process Supervisor, West region

JMK/McNeely Lake 1212

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: NEXT TO 10206 ROD & REEL LN
LOUISVILLE, KY 00000
ATTN: DENNIS THOMASSON, SR METRO OPS

KY0029416
PERMIT NUMBER

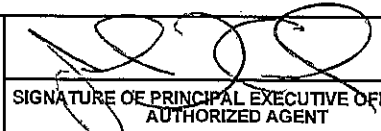
001-1
DISCHARGE NUMBER

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

MONITORING PERIOD			
MM/DD/YYYY		MM/DD/YYYY	
FROM 12/01/2012		TO 12/31/2012	

No Discharge ☐

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS			
Oxygen, dissolved (DO)	SAMPLE MEASUREMENT	*****	*****	*****	7	*****	*****		0	1/1	GR
00300 1 0 Effluent Gross	PERMIT REQUIREMENT	*****	*****	*****	7 INST MIN	*****	*****	mg/L		Weekly	GRAB
pH	SAMPLE MEASUREMENT	*****	*****	*****	6	*****	8		0	1/1	GR
00400 1 0 Effluent Gross	PERMIT REQUIREMENT	*****	*****	*****	6 MINIMUM	*****	9 MAXIMUM	SU		Weekly	GRAB
Solids, total suspended	SAMPLE MEASUREMENT	8	12		*****	11	17		0	1/7	CP
00530 1 0 Effluent Gross	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)	SAMPLE MEASUREMENT	0.3	0.5		*****	0.4	0.5		0	1/7	CP
00610 1 2 Effluent Gross	PERMIT REQUIREMENT	17 30DA AVG	34 DAILY MX	lb/d	*****	10 30DA AVG	20 DAILY MX	mg/L		Weekly	COMPOS
Phosphorus, total (as P)	SAMPLE MEASUREMENT	*****	*****	*****	*****	2.7	4		0	1/7	CP
00665 1 0 Effluent Gross	PERMIT REQUIREMENT	*****	*****	*****	*****	Req. Mon. 30DA AVG	Req. Mon. DAILY MX	mg/L		Monthly	COMPOS
Flow, in conduit or thru treatment plant	SAMPLE MEASUREMENT	0.112	0.218		*****	*****	*****	*****	0	CN	CN
50050 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. 30DA AVG	Req. Mon. INST MAX	MGD	*****	*****	*****	*****		Continuous	CONTIN
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		Weekly	GRAB

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER <i>Greg C. Hertzman</i> Executive Director 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 	TELEPHONE		DATE	
			502-540-6000		01/23/2013	
			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)
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KY0029416	001-1
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		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS			
Coliform, fecal general 74055 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****	*****	*****	18	140		0	1/7	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	3	4		*****	4	5		0	1/7	CP
	PERMIT REQUIREMENT	26 30DA AVG	51 DAILY MX	lb/d	*****	15 30DA AVG	30 DAILY MX	mg/L		Weekly	COMPOS

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McNeely Lake		Report for		Dec-12		Tot. Exc.=		0				
Tot. Flow= 3.48445				Concentrations				Pounds				
Date	Flow	TSS	BOD	NH3	Fecal	TSS	BOD	NH3	Tot. Phos.	D.O.	p.H.	TRC
12/1/12	0.084											
12/2/12	0.095											
12/3/12	0.082	17	5	0.39	18	11.561	3.400	0.265	4.04			
12/4/12	0.086											
12/5/12	0.086											
12/6/12	0.085											
12/7/12	0.178											
12/8/12	0.180											
12/9/12	0.179											
12/10/12	0.218											
12/11/12	0.133											
12/12/12	0.103	5	4	0.22		4.275	3.420	0.188	0.532			
12/13/12	0.093				140							
12/14/12	0.088											
12/15/12	0.106											
12/16/12	0.110	7	3	0.5		6.409	2.747	0.458	3.23			
12/17/12	0.110				3							
12/18/12	0.105											
12/19/12	0.082											
12/20/12	0.126											
12/21/12	0.111											
12/22/12	0.095											
12/23/12	0.089	13	5	0.45		9.656	3.714	0.334	3			
12/24/12	0.088				13							
12/25/12	0.077											
12/26/12	0.171											
12/27/12	0.132											
12/28/12	0.104											
12/29/12	0.106											
12/30/12	0.094											
12/31/12	0.091											
Average	0.112	10.50	4.25	0.39	17.71	7.98	3.32	0.31	2.70	0.00	0.00	0.00
Maximum	0.218	17.00	5.00	0.50	140.00	11.56	3.71	0.46	4.04	0.00	0.00	0.00
Exceed.	1	0	0	0	0	0	0	0				