



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

November 19, 2014

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 – October 2014.**

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 October 2014.

There were no exceedences, bypasses or overflow reports for the month of October.

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 "John Kessel", is written over a horizontal dotted line.

John Kessel
Process Supervisor, West region

JMK/McNeely Lake 10/14

Enclosures

cc: T. Singleton
R. Shaw
C. Roth



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

DMR Copy of Record

Permit			
Permit #:	KY0029416	Permittee:	MCNEELY LAKE WQTC MSD
Major:	No	Permittee Address:	10300 ROD N REEL RD LOUISVILLE, KY 40229
Permitted Feature:	001 External Outfall	Discharge:	001-1 SANITARY WASTEWATER
Facility:		Facility Location:	MCNEELY LAKE WQTC MSD 10300 ROD N REEL RD LOUISVILLE, KY 40229

Report Dates & Status			
Monitoring Period:	From 10/01/14 to 10/31/14	DMR Due Date:	11/28/14
Status:	NetDMR Validated		

Considerations for Form Completion

Principal Executive Officer			
First Name:	Greg	Title:	Exec Director
Last Name:	Hetizman	Telephone:	502-540-6000

No Data Indicator (NODI)
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									19 - mg/L	29/30 - 29 Per Month	GR - GRAB			
					Permit Req.	>=	7 MINIMUM										19 - mg/L	0	01/07 - Weekly	GR - GRAB	
					Value NODI																
00400	pH	1 - Effluent Gross	0	--	Sample	=	6					=	8			12 - SU	15/30 - 15 Per Month	GR - GRAB			
					Permit Req.	>=	6 MINIMUM				<=	9 MAXIMUM					12 - SU	0	01/07 - Weekly	GR - GRAB	
					Value NODI																
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample	=	17.6	=	33.8	26 - lb/d		=	23	=	44	19 - mg/L	01/07 - Weekly	CP - COMPOS			
					Permit Req.	<=	51.3 MO AVG	<=	76.9 WKLY AVG	26 - lb/d		<=	30 MO AVG	<=	45 WKLY AVG	19 - mg/L	0	01/07 - Weekly	24 - COMP24		
					Value NODI																
00600	Nitrogen, total [as N]	1 - Effluent Gross	0	--	Sample							=	29	=	34	19 - mg/L	01/07 - Weekly	CP - COMPOS			
					Permit Req.																
					Value NODI																
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	1	--	Sample	=	0.32	=	0.4	26 - lb/d		=	0.5	=	1	19 - mg/L	01/07 - Weekly	CP - COMPOS			
					Permit Req.	<=	6.84 MO AVG	<=	10.3 WKLY AVG	26 - lb/d		<=	4 MO AVG	<=	6 WKLY AVG	19 - mg/L	0	01/07 - Weekly	24 - COMP24		
					Value NODI																
00665	Phosphorus, total [as P]	1 - Effluent Gross	0	--	Sample							=	3.4	=	4.3	19 - mg/L	01/07 - Weekly	CP - COMPOS			
					Permit Req.																
					Value NODI																
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	0.085	=	0.103	03 - MGD							99/99 - Continuous	CN - CONTIN			
					Permit Req.																
					Value NODI																
50060	Chlorine, total residual	1 - Effluent Gross	0	--	Sample							<	0.01	<	0.01	19 - mg/L	01/01 - Daily	GR - GRAB			
					Permit Req.																
					Value NODI																
51040	E. coli	1 - Effluent Gross	0	--	Sample							<	7	=	54	3Z - CFU/100mL	01/07 - Weekly	GR - GRAB			
					Permit Req.																
					Value NODI																
80082	BOD, carbonaceous, 05 day, 20 C	1 - Effluent Gross	0	--	Sample	=	4.1	=	7.2	26 - lb/d		=	6	=	7	19 - mg/L	01/07 - Weekly	CP - COMPOS			
					Permit Req.	<=	25.6 MO AVG	<=	38.5 WKLY AVG	26 - lb/d		<=	15 MO AVG	<=	22.5 WKLY AVG	19 - mg/L	0	01/07 - Weekly	24 - COMP24		
					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

Attachments

Name	Type	Size
Mcneely_MOR_102014.pdf	pdf	9889
McneelyLake_cover_102014.pdf	pdf	17033

Name: Kevin Ries

E-Mail: kevin.ries@louisvillemsd.org

McNeely Lake		Report for Oct-14			Tot. Exc.= 0								
Tot. Flow=	2.6456	Concentrations					Pounds						
Date	Flow	TSS	BOD	NH3	Ecoli	TSS	BOD	NH3	Tot. Phos.	D.O.	p.H.	TRC	Tot.N
10/1/14	0.076	6	3	0.39		3.794	1.897	0.247	3.64	7.5	7	0.01	33.91
10/2/14	0.081				44					7.4	6.6	0.01	
10/3/14	0.073									7.6	6.6	0.01	
10/4/14	0.073									7.7		0.01	
10/5/14	0.080									7.6		0.01	
10/6/14	0.077									7.9		0.01	
10/7/14	0.079									7.7	6.2	0.01	
10/8/14	0.070									7.7	6	0.01	
10/9/14	0.067	8	5	0.67		4.492	2.807	0.376	3.7	7.9		0.01	30.91
10/10/14	0.070				54					7.9	6.5	0.01	
10/11/14	0.078									8		0.01	
10/12/14	0.082									7.6		0.01	
10/13/14	0.087									7.7		0.01	
10/14/14	0.165									7.1	7.8	0.01	
10/15/14	0.123	33	7	0.34		33.811	7.172	0.348	2.06			0.01	23.41
10/16/14	0.125				1					8	7.3	0.01	
10/17/14	0.102									7.8	7.2	0.01	
10/18/14	0.099									7.9	7.4	0.01	
10/19/14	0.099									8.4	7.2	0.01	
10/20/14	0.088									7.8	7.2	0.01	
10/21/14	0.084									8.1	6.8	0.01	
10/22/14	0.078	44	7	0.45		28.476	4.530	0.291	4.31	8.1	6.1	0.01	29.75
10/23/14	0.078				1					8.1		0.01	
10/24/14	0.070									8.3		0.01	
10/25/14	0.077									7.9		0.01	
10/26/14	0.082									8.1		0.01	
10/27/14	0.081									8		0.01	
10/28/14	0.080									8	6.2	0.01	
10/29/14	0.076									7.8	6.2	0.01	
10/30/14	0.074									8		0.01	
10/31/14	0.075									8.4		0.01	
Average	0.085	23	6	0.5	6.98	18	4.102	0.32	3.4	7.87	7	0.01	29.50
Maximum	0.165	44	7	0.7	54.00	34	7.172	0.4	4.3	8.40	8	0.01	33.91
Exceed.	0	0	0	0	0	0	0	0					