



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)

January 15, 2015

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 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 December 2014.

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

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 light blue horizontal line.

John Kessel  
Process Supervisor, West region

JMK/McNeely Lake 12/14

Enclosures

cc: T. Singleton  
R. Shaw  
C. Roth



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

**DMR Copy of Record**

**Permit**

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

**Report Dates & Status**

<b>Monitoring Period:</b>	<b>From 12/01/14 to 12/31/14</b>	<b>DMR Due Date:</b>	<b>01/28/15</b>	<b>Status:</b>	<b>NetDMR Validated</b>
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**Considerations for Form Completion**

**Principal Executive Officer**

<b>First Name:</b>	Greg	<b>Title:</b>	Exec Director	<b>Telephone:</b>	502-540-6000
<b>Last Name:</b>	Hetizman				

**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	01/01 - Daily	GR - GRAB	
					Permit Req.	>=	7 MINIMUM									19 - mg/L	01/07 - Weekly	GR - GRAB	
					Value NODI														
00400	pH	1 - Effluent Gross	0	--	Sample	=	6					=	8			12 - SU	17/30 - 17 Per Month	GR - GRAB	
					Permit Req.	>=	6 MINIMUM					<=	9 MAXIMUM			12 - SU	01/07 - Weekly	GR - GRAB	
					Value NODI														
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample	=	8.1	=	10.3	26 - lb/d		=	10	=	16	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	01/07 - Weekly	24 - COMP24	
					Value NODI														
00600	Nitrogen, total [as N]	1 - Effluent Gross	0	--	Sample							=	24	=	30	19 - mg/L	01/07 - Weekly	CP - COMPOS	
					Permit Req.								Req Mon MO AVG		Req Mon WKLY AVG	19 - mg/L	01/07 - Weekly	24 - COMP24	
					Value NODI														
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	2	--	Sample	=	0.4	=	0.4	26 - lb/d		=	0.4	=	0.5	19 - mg/L	01/07 - Weekly	CP - COMPOS	
					Permit Req.	<=	17.1 MO AVG	<=	25.6 WKLY AVG	26 - lb/d		<=	10 MO AVG	<=	15 WKLY AVG	19 - mg/L	01/07 - Weekly	24 - COMP24	
					Value NODI														
00665	Phosphorus, total [as P]	1 - Effluent Gross	0	--	Sample							=	2.6	=	3.7	19 - mg/L	01/07 - Weekly	CP - COMPOS	
					Permit Req.								Req Mon MO AVG		Req Mon WKLY AVG	19 - mg/L	01/07 - Weekly	24 - COMP24	
					Value NODI														
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	0.107	=	0.152	03 - MGD							99/99 - Continuous	CN - CONTIN	
					Permit Req.		Req Mon MO AVG		Req Mon WKLY AVG	03 - MGD							0	99/99 - Continuous	RC - Recorder (auto)
					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.								<=	.011 MO AVG	<=	.019 WKLY AVG	19 - mg/L	01/07 - Weekly	GR - GRAB
					Value NODI														
51040	E. coli	1 - Effluent Gross	0	--	Sample							<	3	=	9	3Z - CFU/100mL	01/07 - Weekly	GR - GRAB	
					Permit Req.								<=	130 30DA GEO	<=	240 7 DA GEO	3Z - CFU/100mL	01/07 - Weekly	GR - GRAB
					Value NODI														
80082	BOD, carbonaceous, 05 day, 20 C	1 - Effluent Gross	0	--	Sample	=	3.5	=	3.9	26 - lb/d		=	5	=	6	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	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
Mcneel_MOR_122014.pdf	pdf	7815
Mcneely_Cover_122014.pdf	pdf	14386

**Report Last Saved By**

MCNEELY LAKE WQTC MSD

User: kevin.ries@louisvillemsd.org

Date/Time:

2015-01-22 13:12 (Time Zone: -05:00)

Name: Kevin Ries

E-Mail: kevin.ries@louisvillemsd.org

McNeely Lake		Report for	Dec-14			Tot. Exc.=	0							
Tot. Flow=	3.20868		Concentrations				Pounds							
Date	Flow	TSS	BOD	NH3	Ecoli	TSS	BOD	NH3	Tot. Phos.	D.O.	p.H.	TRC	Tot.N	
12/1/14	0.101									8.2		0.01		
12/2/14	0.112	8	3	0.45		7.443	2.791	0.419	2.82	8.5	7.3	0.01	22.01	
12/3/14	0.100				9					8.7	7	0.01		
12/4/14	0.106									8.4	6.9	0.01		
12/5/14	0.127									8.6	7.1	0.01		
12/6/14	0.329									9	7	0.01		
12/7/14	0.186									7		0.01		
12/8/14	0.137									8.2	7.2	0.01		
12/9/14	0.115	10	4	0.39		9.572	3.829	0.373	1.18	8.8	7.5	0.01	18.11	
12/10/14	0.068				5					8.6	7.4	0.01		
12/11/14	0.099									8.5	7.5	0.01		
12/12/14	0.089									9.2	7.1	0.01		
12/13/14	0.095									8.8	6.5	0.01		
12/14/14	0.100									9.1	6.1	0.01		
12/15/14	0.086	7	5	0.42		5.021	3.586	0.301	2.83	10	6	0.01	25.31	
12/16/14	0.083				2					9.1	6.5	0.01		
12/17/14	0.079									9.1		0.01		
12/18/14	0.072									9		0.01		
12/19/14	0.069									9		0.01		
12/20/14	0.077									8.9		0.01		
12/21/14	0.084									9		0.01		
12/22/14	0.077	16	6	0.45		10.327	3.873	0.290	3.72	9.2	6.8	0.01	29.91	
12/23/14	0.096				1					9.2		0.01		
12/24/14	0.108									8.3		0.01		
12/25/14	0.106									7.8	6.2	0.01		
12/26/14	0.097									8		0.01		
12/27/14	0.099									7.7		0.01		
12/28/14	0.110									8.5		0.01		
12/29/14	0.101									7.3	7.3	0.01		
12/30/14	0.099									7.3		0.01		
12/31/14										7.6		0.01		
Average	0.107	10	5	0.4	3.08	8	3.520	0.35	2.6	8.54	7	0.01	23.84	
Maximum	0.329	16	6	0.5	9.00	10	3.873	0.4	3.7	10.00	8	0.01	29.91	