



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

February 10, 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 – January 2015.**

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 January 2015.

There were no exceedences, bypasses or overflow reports for the month of January 2015.

If you have any questions concerning the attached DMRs, please contact me at (502) 239-7574.

Sincerely,

A handwritten signature in black ink that reads "Kevin Thompson". The signature is fluid and cursive.

Kevin Thompson  
Process Supervisor, Central region

KLT/McNeely Lake 01/15

Enclosures

cc: T. Singleton  
R. Shaw



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

**DMR Copy of Record**

<b>Permit</b>			
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

<b>Report Dates &amp; Status</b>			
Monitoring Period:	From 01/01/15 to 01/31/15	DMR Due Date:	02/28/15
Status:	NetDMR Validated		

**Considerations for Form Completion**

<b>Principal Executive Officer</b>			
First Name:	Greg	Title:	Executive Director
Last Name:	Heitzman	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
00300	Oxygen, dissolved [DO]	1 - Effluent Gross	0	--	Sample	=	8									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	24/30 - 24 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	=	13.6	=	18.6	26 - lb/d		=	20	=	31	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							=	32	=	39	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	=	0.8	=	1.7	26 - lb/d		=	1	=	3	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							=	3.8	=	6.2	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	=	0.082	=	0.093	03 - MGD							99/99 - Continuous	CN - CONTIN
					Permit Req.		Req Mon MO AVG		Req Mon WKLY AVG	03 - MGD							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							=	4	=	22	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	=	5.9	=	9.6	26 - lb/d		=	9	=	16	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
012015_McNeely_COVERLETTER.pdf	pdf	17059
012015_McNeely_MOR.pdf	pdf	9430

**Report Last Saved By**  
MCNEELY LAKE WQTC MSD

Name: Kevin Thompson

E-Mail: kevin.thompson@louisvillemsd.org

McNeely Lake		Report for		Jan-15		Tot. Exc.=		0					
Tot. Flow=	2.54126	Concentrations				Pounds							
Date	Flow	TSS	BOD	NH3	Ecoli	TSS	BOD	NH3	Tot. Phos.	D.O.	p.H.	TRC	Tot.N
1/1/15	0.095									9.8	7.7	0.01	
1/2/15	0.087									9.5	6.8	0.01	
1/3/15	0.097									9.3	6.6	0.01	
1/4/15	0.111	15	6	0.56		13.876	5.550	0.518	3.18	8.4	6.2	0.01	28.81
1/5/15	0.091				6					8.2	6.2	0.01	
1/6/15	0.089									9.2		0.01	
1/7/15	0.082									9.3	6	0.01	
1/8/15	0.079	17	7	0.39		11.164	4.597	0.256	3.03	9.3		0.01	28.21
1/9/15	0.077				2					9.6	6	0.01	
1/10/15	0.086									9.2	6.1	0.01	
1/11/15	0.091									9.4	6.1	0.01	
1/12/15	0.085									9.4	6	0.01	
1/13/15	0.078									10	6	0.01	
1/14/15	0.078									9.6		0.01	
1/15/15	0.075	17	6	1		10.580	3.734	0.622	2.9	9.9		0.01	30.11
1/16/15	0.072				1					9.9		0.01	
1/17/15	0.083									9.7	6.1	0.01	
1/18/15	0.085									9.9	6	0.01	
1/19/15	0.082									9.2	6.4	0.01	
1/20/15	0.072									9.2	6.4	0.01	
1/21/15	0.074									8.4	6.6	0.01	
1/22/15	0.072	31	16	2.8		18.586	9.593	1.679	6.18	9	6.6	0.01	39.21
1/23/15	0.068				22					9.2	6.4	0.01	
1/24/15	0.080									9.2	6.2	0.01	
1/25/15	0.093									8.5		0.01	
1/26/15	0.082									8.9	7.6	0.01	
1/27/15	0.077									9.2	7.4	0.01	
1/28/15	0.073									9.6	7.3	0.01	
1/29/15	0.075									9.3	6.3	0.01	
1/30/15	0.067									9.2	6.4	0.01	
1/31/15	0.083									9.7	6.7	0.01	
Average	0.082	20	9	1	4.03	14	5.869	0.77	3.8	9.30	6	0.01	31.59
Maximum	0.111	31	16	2.8	22.00	19	9.593	1.7	6.2	10.00	8	0.01	39.21
Exceed.	0	0	0	0	0	0	0	0					