



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

October 9, 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 –September 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 September 2015.

There were no exceedances, bypasses or discharges for this month.

If you have any questions concerning the attached DMRs, please contact me at (502) 715-2789.

Sincerely,

A handwritten signature in black ink, appearing to read "Staci Huber", is written over the word "Sincerely,".

Staci Huber  
Process Supervisor, Central region

SMH/McNeely Lake 09/15

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 09/01/15 to 09/30/15	DMR Due Date:	10/28/15
Status:	NetDMR Validated		

**Considerations for Form Completion**

<b>Principal Executive Officer</b>			
First Name:	James	Title:	Executive Director
Last Name:	Parrott	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	=	7				=	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				=	7			12 - SU	29/30 - 29 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	=	5.1	=	9.3	26 - lb/d	=	9	=	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	=					=	29	=	31	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	1	--	Sample	=	0.36	=	0.9	26 - lb/d	=	0.6	=	2	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	01/07 - Weekly	24 - COMP24	
					Value NODI													
00665	Phosphorus, total [as P]	1 - Effluent Gross	0	--	Sample	=					=	5	=	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	=	0.077	=	0.087	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						<=	3	<=	18	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 [5 day, 20 C]	1 - Effluent Gross	0	--	Sample	=	2.3	=	4.1	26 - lb/d	=	4	=	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	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**

<b>Attachments</b>		
Name	Type	Size
201509_McNeely_MOR.xls	xls	126976
mcneelycoverletter092015.pdf	pdf	46191

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

Name: Staci Huber  
E-Mail: staci.huber@louisvillemisd.org

<b>McNeely Lake</b>		Report for			<b>Sep-15</b>		Tot. Exc.= 0		
Tot. Flow=	2.32474	Concentrations			Pounds				
Date	Flow	TSS	BOD	NH3	Ecoli	TSS	BOD	NH3	
9/1/15	0.077	4	4	0.34		2.566	2.566	0.218	
9/2/15	0.072				7				
9/3/15	0.072								
9/4/15	0.067								
9/5/15	0.072								
9/6/15	0.073								
9/7/15	0.082								
9/8/15	0.076	4	2	0.28		2.548	1.274	0.178	
9/9/15	0.079				18				
9/10/15	0.127								
9/11/15	0.081								
9/12/15	0.083								
9/13/15	0.086								
9/14/15	0.073								
9/15/15	0.071	10	2	0.22		5.946	1.189	0.131	
9/16/15	0.067				1				
9/17/15	0.061								
9/18/15	0.066								
9/19/15	0.073								
9/20/15	0.079								
9/21/15	0.068								
9/22/15	0.069	16	7	1.6		9.263	4.053	0.926	
9/23/15	0.066				1				
9/24/15	0.073								
9/25/15	0.072								
9/26/15	0.078								
9/27/15	0.071								
9/28/15	0.072								
9/29/15	0.104								
9/30/15	0.114								

Average	0.077	9	4	0.6	3.35	5	2.271	0.36
Maximum	0.127	16	7	1.6	18.00	9	4.053	0.9
Exceed.	0	0	0	0	0	0	0	0
Day Viol.								
Mo. Viol								
Minimum	0.06102	MIN	MAX					
	DO (min)							
	pH							
	TRC							