



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

June 17, 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 –May 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 May 2015.

There were no exceedances, bypasses or overflow reports.

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". The signature is fluid and cursive.

Staci Huber  
Process Supervisor, Central region

SH/McNeely Lake 05/15

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 05/01/15 to 05/31/15	DMR Due Date:	06/28/15
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	Units		
00300	Oxygen, dissolved [DO]	1 - Effluent Gross	0	--	Sample	=	7											28/30 - 28 Per Month	GR - GRAB		
					Permit Req.	>=	7 MINIMUM													01/07 - Weekly	GR - GRAB
					Value NODI																
00400	pH	1 - Effluent Gross	0	--	Sample	=	6				=	8						29/30 - 29 Per Month	GR - GRAB		
					Permit Req.	>=	6 MINIMUM				<=	9 MAXIMUM								01/07 - Weekly	GR - GRAB
					Value NODI																
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample	=	14	=	21.9	26 - lb/d	=	20	=	33				01/07 - Weekly	CP - COMPOS		
					Permit Req.	<=	51.3 MO AVG	<=	76.9 WKLY AVG	26 - lb/d	<=	30 MO AVG	<=	45 WKLY AVG						01/07 - Weekly	24 - COMP24
					Value NODI																
00600	Nitrogen, total [as N]	1 - Effluent Gross	0	--	Sample	=					=	29	=	33				01/07 - Weekly	CP - COMPOS		
					Permit Req.							Req Mon MO AVG		Req Mon WKLY AVG						01/07 - Weekly	24 - COMP24
					Value NODI																
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	1	--	Sample	=	0.9	=	1.5	26 - lb/d	=	1	=	2				01/07 - Weekly	CP - COMPOS		
					Permit Req.	<=	6.84 MO AVG	<=	10.3 WKLY AVG	26 - lb/d	<=	4 MO AVG	<=	6 WKLY AVG						01/07 - Weekly	24 - COMP24
					Value NODI																
00665	Phosphorus, total [as P]	1 - Effluent Gross	0	--	Sample	=					=	4.9	=	5.6				01/07 - Weekly	CP - COMPOS		
					Permit Req.							Req Mon MO AVG		Req Mon WKLY AVG						01/07 - Weekly	24 - COMP24
					Value NODI																
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	0.081	=	0.096	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				01/01 - Daily	GR - GRAB		
					Permit Req.						<=	.011 MO AVG	<=	.019 WKLY AVG						01/07 - Weekly	GR - GRAB
					Value NODI																
51040	E. coli	1 - Effluent Gross	0	--	Sample						<	34	<	133				06/30 - Six Per Month	GR - GRAB		
					Permit Req.						<=	130 30DA GEO	<=	240 7 DA GEO						01/07 - Weekly	GR - GRAB
					Value NODI																
80082	BOD, carbonaceous, 05 day, 20 C	1 - Effluent Gross	0	--	Sample	=	3.8	=	4.9	26 - lb/d	=	6	=	7				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						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
2015_05_McNeelycoverletter.pdf	pdf	39871
201505_McNeely_MOR.pdf	pdf	29816

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

Name: Staci Huber

E-Mail: staci.huber@louisvillemisd.org

McNeely Lake		Report for	May-15			Tot. Exc.=		0						
Tot. Flow=	2.52186	Concentrations					Pounds							
Date	Flow	TSS	BOD	NH3	Ecoli	TSS	BOD	NH3	Tot. Phos.	D.O.	p.H.	TRC	Tot.N	
5/1/15	0.074									8.4	7.3	0.01		
5/2/15	0.073									7.8	7.8	0.01		
5/3/15	0.085									7.7	7.2	0.01		
5/4/15	0.084	20	7	0.76		13.941	4.879	0.530	4.12	7.8	6.2	0.01	26.61	
5/5/15	0.212				2					7.7	6.1	0.01		
5/6/15	0.075									8.1	7.4	0.01		
5/7/15	0.068									8	7.4	0.01		
5/8/15	0.065										6.4	0.01		
5/9/15	0.076									7.6	6.4	0.01		
5/10/15	0.080	33	6	2.2		21.899	3.982	1.460	5.29	7.5	6	0.01	33.21	
5/11/15	0.078				61					8.1	6.1	0.01		
5/12/15	0.070									7.6	6.8	0.01		
5/13/15	0.071									8.2	6.8	0.01		
5/14/15	0.066									8	6.4	0.01		
5/15/15	0.084									7.8	6.9	0.01		
5/16/15	0.076									8.2	7.4	0.01		
5/17/15	0.087	13	4	1.6		9.448	2.907	1.163	5.62	7.8	7.3	0.01	29.66	
5/18/15	0.082				5					7.6	6.1	0.01		
5/19/15	0.073									8.2	7.7	0.01		
5/20/15	0.067									8	7	0.01		
5/21/15	0.072									8.1	7.2	0.01		
5/22/15	0.070									8	6	0.01		
5/23/15	0.114									7.6	6.3	0.01		
5/24/15	0.070											0.01		
5/25/15	0.086	15	5	0.61		10.739	3.580	0.437	4.76	7.7	6.2	0.01	28.43	
5/26/15	0.082				2420					7.4	6.1	0.01		
5/27/15	0.084				489					7.2	7.1	0.01		
5/28/15	0.081				2					7.7	6.9	0.01		
5/29/15	0.064									7.5	6.5	0.01		
5/30/15	0.073									7.2	6.3	0.01		
5/31/15	0.080									7.7	6	0.01		
Average	0.081	20	6	1	33.62	14	3.837	0.90	4.9	7.80	7	0.01	29.48	
Maximum	0.212	33	7	2.2	133.00	22	4.879	1.5	5.6	8.40	8	0.01	33.21	
Exceed.	1	0	0	0	0	0	0	0	0					