



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

April 20, 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 – March 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 March 2015.

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

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

Sincerely,

A handwritten signature in black ink, appearing to read "Kevin Thompson", written over a white background.

Kevin Thompson  
Process Supervisor, Central region

KLT/McNeely Lake 03/15

Enclosures

cc: T. Singleton  
R. Shaw



*Beneficial Use of Louisville's Biosolids  
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 (JEFFERSON,KY), 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 03/01/15 to 03/31/15</b>	<b>DMR Due Date:</b>	<b>04/28/15</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>	Executive Director	<b>Telephone:</b>	502-540-6000
<b>Last Name:</b>	Heitzman				

**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				=	7				19 - mg/L	29/30 - 29 Per Month	GR - GRAB	
					Permit Req.	>=	7 MINIMUM								19 - mg/L	01/07 - Weekly	GR - GRAB		
					Value NODI														
00400	pH	1 - Effluent Gross	0	--	Sample	=	7				=	9			12 - SU	29/30 - 29 Per Month	GR - GRAB		
					Permit Req.	>=	6 MINIMUM								12 - SU	01/07 - Weekly	GR - GRAB		
					Value NODI														
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample	=	28.8	=	58.5	26 - lb/d	=	24	=	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	=					=	11	=	21	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	=	0.5	=	0.8	26 - lb/d	=	0.4	=	1	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	=	3.1	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	=	0.183	=	0.311	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						<	26	=	162	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	=	9.1	=	15.1	26 - lb/d	=	8	=	11	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
201503_McNeely_Coverletter.pdf	pdf	45234
201503_McNeely_MOR.pdf	pdf	35413

**Report Last Saved By**

MCNEELY LAKE WQTC MSD

User: kevin.ries@louisvillemsd.org

Date/Time: 2015-04-23 13:10 (Time Zone: -04:00)

Name: Kevin Ries

E-Mail: kevin.ries@louisvillemsd.org

McNeely Lake		Report for	Mar-15			Tot. Exc.=								
Tot. Flow=		5.66952		Concentrations										
Date	Flow	TSS	BOD	NH3	Ecoli	TSS	Pounds BOD	NH3	Tot. Phos.	D.O.	p.H.	TRC	Tot.N	
3/1/15	0.111									9.6	6.9	0.01		
3/2/15	0.097	21	11	0.5		17.073	8.943	0.406	3.14	9.2	7.7	0.01	Scratched	
3/3/15	0.110				18					9	7.5	0.01		
3/4/15	0.485									9.1	7.4	0.01		
3/5/15	0.305									7.5	7.7	0.01		
3/6/15	0.205									8.4	8.2	0.01	2.33	
3/7/15	0.205									7.4	7.4	0.01		
3/8/15	0.224									8.2	8.7	0.01		
3/9/15	0.226	31	8	0.45		58.456	15.085	0.849	1.06	8.2	8.7	0.01	10.33	
3/10/15	0.433				162					8.6	7.6	0.01		
3/11/15	0.303									7.3	6.9	0.01		
3/12/15	0.188									8	7.1	0.01		
3/13/15	0.241									7.7	7.1	0.01		
3/14/15	0.563									8.2	6.8	0.01		
3/15/15	0.276									7.2	7.1	0.01		
3/16/15	0.191									7.2	7.1	0.01		
3/17/15	0.146									7.4	6.8	0.01		
3/18/15	0.118	22	6	0.17		21.652	5.905	0.167	1.32	8.7	7.2	0.01	10.4	
3/19/15	0.112				7					8.5	6.8	0.01		
3/20/15	0.108									9.7	7.1	0.01		
3/21/15	0.109									8.5	6.6	0.01		
3/22/15	0.112									9.8	6.9	0.01		
3/23/15	0.097	22	8	0.53		17.829	6.483	0.430	2.63	8.7	6.9	0.01	20.81	
3/24/15	0.096				24					9.1	7.1	0.01		
3/25/15	0.095									8.5	7	0.01		
3/26/15	0.100									8.7	7	0.01		
3/27/15	0.092									8.8	7	0.01		
3/28/15	0.085									10	7.2	0.01		
3/29/15	0.084											0.01		
3/30/15	0.079									9	6.9	0.01		
3/31/15	0.072									9.2	6.9	0.01		
Average	0.183	24	8	0.4	26.46	29	9.104	0.46	2.0	8.51	7	0.01	10.97	
Maximum	0.563	31	11	0.5	162.00	58	15.085	0.8	3.1	10.00	9	0.01	20.81	
Exceed.	10	0	0	0	0	0	0	0						