



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

July 14, 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 June 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 written in a cursive style with a large initial "S".

Staci Huber
Process Supervisor, Central region

SH/McNeely Lake 06/15

Enclosures

cc: T. Singleton
R. Shaw



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

DMR Copy of Record

Permit

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

Report Dates & Status

Monitoring Period:	From 06/01/15 to 06/30/15	DMR Due Date:	07/28/15	Status:	NetDMR Validated
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Considerations for Form Completion

Principal Executive Officer

First Name:	Greg	Title:	Executive Director	Telephone:	502-540-6000
Last Name:	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
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				=	7			12 - SU	01/01 - Daily	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	=	4.3	=	7.2	26 - lb/d	=	7	=	12	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						=	26	=	28	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	=	0.39	=	0.5	26 - lb/d	=	0.6	=	1	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						=	3.8	=	4.8	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	=	0.09	=	0.127	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						=	2	=	6	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	=	2.5	=	2.9	26 - lb/d	=	4	=	5	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
mcneely_mor_201506.pdf	pdf	33988
mcneely_coverletter_201506.pdf	pdf	45055

Report Last Saved By

MCNEELY LAKE WQTC MSD

User: kevin.ries@louisvillemsd.org

Date/Time:

2015-07-24 11:15 (Time Zone: -04:00)

Name: Kevin Ries

E-Mail: kevin.ries@louisvillemsd.org

McNeely Lake		Report for	Jun-15			Tot. Exc.=								
Tot. Flow= 2.70392		Concentrations												
Date	Flow	TSS	BOD	NH3	Ecoli	TSS	Pounds BOD	NH3	Tot. Phos.	D.O.	p.H.	TRC	Tot.N	
6/1/15	0.069									7.9	6.5	0.01		
6/2/15	0.069	11	5	0.53		6.306	2.866	0.304	3.92	8.4	6.7	0.01	25.96	
6/3/15	0.070				1					8	6.1	0.01		
6/4/15	0.068									8.1	6.8	0.01		
6/5/15	0.068									7.9	7	0.01		
6/6/15	0.071									8	6.6	0.01		
6/7/15	0.078									7.9	6.5	0.01		
6/8/15	0.072	12	4	0.84		7.207	2.402	0.504	4.03	7.2	6.3	0.01	26.76	
6/9/15	0.070				6					7.9	6	0.01		
6/10/15	0.061									7.6	6.4	0.01		
6/11/15	0.063									7.4	6.8	0.01		
6/12/15	0.067									7.5	6.3	0.01		
6/13/15	0.069									7.5	6.3	0.01		
6/14/15	0.072									7.2	6.3	0.01		
6/15/15	0.068	2	4	0.64		1.128	2.256	0.361	4.81	7.6	6	0.01	28.06	
6/16/15	0.060				3					7.2	6.7	0.01		
6/17/15	0.074									7.6	7	0.01		
6/18/15	0.080									7.5	7.1	0.01		
6/19/15	0.086									7.7	7.3	0.01		
6/20/15	0.157									7.4	6.8	0.01		
6/21/15	0.113									7.6	6.4	0.01		
6/22/15	0.099	3	3	0.48		2.474	2.474	0.396	2.61	7.8	7.2	0.01	22.75	
6/23/15	0.092				1					7.6	7.2	0.01		
6/24/15	0.079									7.9	7.3	0.01		
6/25/15	0.081									7.7	7.2	0.01		
6/26/15	0.235									7.1	7	0.01		
6/27/15	0.182									7.6	7.2	0.01		
6/28/15	0.124									8	7.4	0.01		
6/29/15	0.105									7.8	7.1	0.01		
6/30/15	0.101									8	7.1	0.01		
Average	0.090	7	4	0.6	2.06	4	2.500	0.39	3.8	7.69	7	0.01	25.88	
Maximum	0.235	12	5	0.8	6.00	7	2.866	0.5	4.8	8.40	7	0.01	28.06	
Exceed.	1	0	0	0	0	0	0	0						