



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

December 16, 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 –November 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 November 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". The signature is written in a cursive, flowing style.

Staci Huber
Process Supervisor

SMH/McNeely Lake 11/15

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 11/01/15 to 11/30/15	DMR Due Date:	12/28/15	Status:	NetDMR Validated
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Considerations for Form Completion

Principal Executive Officer

First Name:	James	Title:	Executive Director	Telephone:	502-540-6000
Last Name:	Parrott				

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	=	7.1				=	7.1				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	=	6				=	6			=	8	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	=	7.2	=	14.7	26 - lb/d	=	9	=	20		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						=	20	=	24		19 - mg/L	01/07 - Weekly	CP - COMPOS	
					Permit Req.														
					Value NODI														
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	2	--	Sample	=	0.26	=	0.3	26 - lb/d	=	0.3	=	0.3		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						=	2.9	=	3.9		19 - mg/L	01/07 - Weekly	CP - COMPOS	
					Permit Req.														
					Value NODI														
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	0.115	=	0.139	03 - MGD							99/99 - Continuous	CN - CONTIN	
					Permit Req.														
					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.														
					Value NODI														
51040	E. coli	1 - Effluent Gross	0	--	Sample						=	2	=	6		3Z - CFU/100mL	01/07 - Weekly	GR - GRAB	
					Permit Req.														
					Value NODI														
80082	BOD, carbonaceous [5 day, 20 C]	1 - Effluent Gross	0	--	Sample	=	2.5	=	3.4	26 - lb/d	=	3	=	4		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
201511_McNeely_COVERLETTER.pdf	pdf	2217768
201511_McNeely_MOR.pdf	pdf	399102

Report Last Saved By

MCNEELY LAKE WQTC MSD

User: kevin.ries@louisvillemsd.org

Date/Time:

2015-12-18 08:46 (Time Zone: -05:00)

Name: Kevin Ries

E-Mail: kevin.ries@louisvillemsd.org

McNeely Lake		Report for	Nov-15			Tot. Exc.=								
Tot. Flow=	3.44279	Concentrations			Pounds									
Date	Flow	TSS	BOD	NH3	Ecoli	TSS	BOD	NH3	Tot. Phos.	D.O.	p.H.	TRC	Tot.N	
11/1/15	0.132									7.6	7.3	0.01		
11/2/15	0.103	3	4	0.34		2.585	3.447	0.293	2.14	7.8	6.2	0.01	16.26	
11/3/15	0.096				2					8.1	6.4	0.01		
11/4/15	0.094									8.3	6.3	0.01		
11/5/15	0.092									8.4	6	0.01		
11/6/15	0.136									7.6	6.3	0.01		
11/7/15	0.125									8.3	6.9	0.01		
11/8/15	0.113									8	6.6	0.01		
11/9/15	0.108	5	3	0.22		4.497	2.698	0.198	3.16	8.3	6.2	0.01	19.76	
11/10/15	0.121				1					8.3	7.1	0.01		
11/11/15	0.109									8.7	6.2	0.01		
11/12/15	0.108									8.4	6.3	0.01		
11/13/15	0.096									8.3	6.2	0.01		
11/14/15	0.098									8.1	6.2	0.01		
11/15/15	0.100									7.7	6.7	0.01		
11/16/15	0.088	20	3	0.44		14.728	2.209	0.324	3.93	8.3	6.2	0.01	24.26	
11/17/15	0.080				6					8	6.3	0.01		
11/18/15	0.245									7.7	6.1	0.01		
11/19/15	0.216									7.3	6.7	0.01		
11/20/15	0.134									7.3	6.7	0.01		
11/21/15	0.113									7.3	7.5	0.01		
11/22/15	0.110									7.2	6.6	0.01		
11/23/15	0.096	9	2	0.27		7.169	1.593	0.215	2.54	8.6	6.2	0.01	19.76	
11/24/15	0.086				1					8.5	6.2	0.01		
11/25/15	0.082									8.5	6.1	0.01		
11/26/15	0.086									8.2	6.3	0.01		
11/27/15	0.080									8.4	6.3	0.01		
11/28/15	0.106									7.1	6.8	0.01		
11/29/15	0.166											0.01		
11/30/15	0.127									7.6	6	0.01		
12/1/15														
Average	0.115	9	3	0.3	1.86	7	2.487	0.26	2.9	8.00	6	0.01	20.01	
Maximum	0.245	20	4	0.4	6.00	15	3.447	0.3	3.9	8.70	8	0.01	24.26	
Exceed.	2	0	0	0	0	0	0	0						