



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

September 15, 2014

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 – August 2014.**

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 August 2014.

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

If you have any questions concerning the attached DMRs, please contact me at (502) 540-6031.

Sincerely,

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

John Kessel
Process Supervisor, West region

JMK/McNeely Lake 0814

Enclosures

cc: T. Singleton
R. Shaw
C. Roth



*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 08/01/14 to 08/31/14	DMR Due Date:	09/28/14	Status:	NetDMR Validated
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Considerations for Form Completion

Principal Executive Officer

First Name:	Greg	Title:	Exec Director	Telephone:	502-540-6000
Last Name:	Hetizman				

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	27/30 - 27 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	=	14.6	=	29.9	26 - lb/d	=	19	=	38	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						=	30	=	36	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	=	0.23	=	0.4	26 - lb/d	=	0.3	=	0.5	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						=	3.6	=	4.3	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	=	0.088	=	0.101	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	01/07 - Weekly	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						<	27	=	56	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	=	3	=	4.7	26 - lb/d	=	4	=	6	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_082014.pdf	pdf	9065
Mcneely_Cover_082014.pdf	pdf	14354

Report Last Saved By

MCNEELY LAKE WQTC MSD

User: kevin.ries@louisvillemsd.org

Date/Time:

2014-09-23 13:29 (Time Zone: -04:00)

Name: Kevin Ries

E-Mail: kevin.ries@louisvillemsd.org

McNeely Lake		Report for		Aug-14		Tot. Exc.=		0					
Tot. Flow=	2.73006	Concentrations				Pounds							
Date	Flow	TSS	BOD	NH3	Ecoli	TSS	BOD	NH3	Tot. Phos.	D.O.	p.H.	TRC	Tot.N
8/1/14	0.072									7.5	6.8	0.01	
8/2/14	0.078									7.3	6.6	0.01	
8/3/14	0.081									7.1	6.4	0.01	
8/4/14	0.077	18	5	0.11		11.493	3.193	0.070	3.86	7.5	6.2	0.01	30.11
8/5/14	0.077				28					7.4	6	0.01	
8/6/14	0.077									7.4	6.2	0.01	
8/7/14	0.071									7.4		0.01	
8/8/14	0.090									7.4		0.01	
8/9/14	0.103									7.2	6	0.01	
8/10/14	0.097	12	3	0.5		9.695	2.424	0.404	3.24	7.1	6.7	0.01	31.21
8/11/14	0.079				56					7.4	6.8	0.01	
8/12/14	0.079									7.5	6.5	0.01	
8/13/14	0.073									7.5	6.6	0.01	
8/14/14	0.078									7.4	6.7	0.01	
8/15/14	0.073									7.4	6.7	0.01	
8/16/14	0.077									8.1	6.2	0.01	
8/17/14	0.094	38	6	0.34		29.886	4.719	0.267	4.32	7.7	6	0.01	35.61
8/18/14	0.096				21					7.4	7.2	0.01	
8/19/14	0.092									7.8	7	0.01	
8/20/14	0.082									7.6	6.7	0.01	
8/21/14	0.081									7.6	6.2	0.01	
8/22/14	0.079									7.4		0.01	
8/23/14	0.099									7.1	6.4	0.01	
8/24/14	0.125									7	7.1	0.01	
8/25/14	0.098	9	2	0.22		7.330	1.629	0.179	2.97	7.3	7.3	0.01	23.21
8/26/14	0.083				16					7.2	6.9	0.01	
8/27/14	0.102									7.4	6.4	0.01	
8/28/14	0.120									7	6.9	0.01	
8/29/14	0.100									7.1	6.7	0.01	
8/30/14	0.100									7.2	6.5	0.01	
8/31/14	0.097									7.3		0.01	
Average	0.088	19	4	0.3	26.94	15	2.991	0.23	3.6	7.38	7	0.01	30.04
Maximum	0.125	38	6	0.5	56.00	30	4.719	0.4	4.3	8.10	7	0.01	35.61
Exceed.	0	0	0	0	0	0	0	0	0				