



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

December 11, 2014

Cheryl Edwards
DMR Coordinator
200 Fair Oaks Lane
Frankfort, Kentucky 40601

**Re: MSD Metro Operations
Timber Lake WQTC; KPDES No.: KY 0043087
Discharge Monitoring Report for November 2014**

Dear Ms. Edwards:

Attached are the Discharge Monitoring Reports (DMRs) and the Monthly Operator Report (MOR) for the Timber Lake WQTC; KPDES No.: KY0043087 for the month of November 2014.

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

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 "JK", is written over a light blue horizontal line.

John Kessel
Process Supervisor, West region

JK/ Timber Lake 11/14

Enclosures

CC T. Singleton
R. Shaw
C.Roth



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

DMR Copy of Record

Permit					
Permit #:	KY0043087	Permittee:	TIMBERLAKE WQTC MSD	Facility:	TIMBERLAKE WQTC MSD
Major:	No	Permittee Address:	5504 TIMBER RIDGE RD PROSPECT, KY 40059	Facility Location:	5504 TIMBER RIDGE RD PROSPECT, KY 40059
Permitted Feature:	001 External Outfall	Discharge:	001-2 MUNICIPAL DISCHARGE		

Report Dates & Status					
Monitoring Period:	From 11/01/14 to 11/30/14	DMR Due Date:	12/28/14	Status:	NetDMR Validated

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	Units				
00300	Oxygen, dissolved [DO]	1 - Effluent Gross0		--	Sample					=	8						19 - mg/L	01/01 - Daily	GR - GRAB				
					Permit Req.					>=	7 INST MIN								19 - mg/L	01/07 - Weekly	GR - GRAB		
					Value NODI																		
00400	pH	1 - Effluent Gross0		--	Sample					=	7				=	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 Gross0		--	Sample	=	6		=	12	26 - lb/d		=	9		=	17	19 - mg/L	01/07 - Weekly	CP - COMPOS			
					Permit Req.	<=	50 30DA AVG		<=	75 DAILY MX	26 - lb/d		<=	30 30DA AVG		<=	45 DAILY MX		19 - mg/L	01/07 - Weekly	24 - COMP24		
					Value NODI																		
00600	Nitrogen, total [as N]	1 - Effluent Gross0		--	Sample								=	18		=	21	19 - mg/L	01/07 - Weekly	CP - COMPOS			
					Permit Req.															19 - mg/L	01/07 - Weekly	24 - COMP24	
					Value NODI																		
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross1		--	Sample								=	18		=	21	19 - mg/L	01/07 - Weekly	CP - COMPOS			
					Permit Req.	<=	3.3 30DA AVG		<=	5 DAILY MX	26 - lb/d		<=	2 30DA AVG		<=	3 DAILY MX		19 - mg/L	01/07 - Weekly	24 - COMP24		
					Value NODI		9 - Conditional Monitoring - Not Required This Period			9 - Conditional Monitoring - Not Required This Period				9 - Conditional Monitoring - Not Required This Period			9 - Conditional Monitoring - Not Required This Period						
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross2		--	Sample	=	0.4		=	0.8	26 - lb/d		=	0.6		=	1.2	19 - mg/L	01/07 - Weekly	CP - COMPOS			
					Permit Req.	<=	8.3 30DA AVG		<=	12.5 DAILY MX	26 - lb/d		<=	5 30DA AVG		<=	7.5 DAILY MX		19 - mg/L	01/07 - Weekly	CP - COMPOS		
					Value NODI																		
00665	Phosphorus, total [as P]	1 - Effluent Gross0		--	Sample								=	0.6		=	1.3	19 - mg/L	01/07 - Weekly	CP - COMPOS			
					Permit Req.																19 - mg/L	01/07 - Weekly	CP - COMPOS
					Value NODI																		
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross0		--	Sample	=	0.081		=	0.102	03 - MGD								99/99 - Continuous	CN - CONTIN			
					Permit Req.		Req Mon 30DA AVG			Req Mon INST MAX	03 - MGD										01/07 - Weekly	CN - CONTIN	
					Value NODI																		
50060	Chlorine, total residual	1 - Effluent Gross0		--	Sample								<	0.01		<	0.01	19 - mg/L	01/01 - Daily	GR - GRAB			
					Permit Req.																19 - mg/L	01/07 - Weekly	GR - GRAB
					Value NODI																		
					Sample								=	2		=	13	13 - #/100mL	01/07 - Weekly	GR - GRAB			
					Permit																13 -		

51040	E. coli	1 - Effluent Gross0	--	Req.							<=	130	30DA GEO	<=	240	7 DA GEO	#/100mL	0	01/07 - Weekly	GR - GRAB
				Value																
				NODI																
				Sample	=	2	=	3	26 - lb/d	=	3	=	4	19 - mg/L					01/07 - Weekly	CP - COMPOS
80082	BOD, carbonaceous, 05 day, 20 C	1 - Effluent Gross0	--	Permit Req.	<=	16.7	30DA AVG	<=	25	DAILY MX	<=	10	30DA AVG	<=	15	DAILY MX	19 - mg/L	0	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
Timberlake_Cover_112014.pdf	pdf	16426
Timberlake_MOR_112014.pdf	pdf	10801

Report Last Saved By

TIMBERLAKE WQTC MSD

User:	kevin.ries@louisvillemd.org	Date/Time:	2014-12-17 09:08 (Time Zone: -05:00)
Name:	Kevin Ries		
E-Mail:	kevin.ries@louisvillemd.org		

Timberlake

Timberlake Tot. Flow= Date	Report for Flow	Nov-14 Concentrations			Tot. Exc.= ECOLI	0 (Influent data below.) Pounds					TSS Rem	BOD Rem	D.O.	p.H.
		TSS	BOD	NH3		TSS	BOD	NH3	Tot. Phos.	Tot. N				
11/1/14	0.082												8.1	7
11/2/14	0.076												8.2	7.1
11/3/14	0.082	5	2	0.39	1	3.429	1.372	0.267	0.152	19.410	0.986413	0.99591	8	7.2
11/4/14	0.068												7.7	7
11/5/14	0.081												7.9	7.2
11/6/14	0.081												8.3	7.1
11/7/14	0.071												7.7	7.2
11/8/14	0.082												8	7.2
11/9/14	0.077												7.8	7.2
11/10/14	0.080	11	4	0.34		7.293	2.652	0.225	0.380	19.010	0.98489	0.991453	7.5	7
11/11/14	0.077				1								8	7.1
11/12/14	0.076												8.3	7.2
11/13/14	0.073												8	7.1
11/14/14	0.069				2								7.9	7.2
11/15/14	0.085												8	7.1
11/16/14	0.097												8.2	7
11/17/14	0.082	17	4	0.39		11.694	2.752	0.268	0.751	21.310	0.939286	0.987654	8.1	7.3
11/18/14	0.069				1								7.5	7.1
11/19/14	0.084												7.9	7.2
11/20/14	0.072												8	7.1
11/21/14	0.071												7.6	7.3
11/22/14	0.083												7.8	7.2
11/23/14	0.102												7.7	7.1
11/24/14	0.085	2	2	1.2		1.413	1.413	0.848	1.270	13.410	0.995536	0.995134	7.5	7.2
11/25/14	0.081				13								7.7	7.3
11/26/14	0.083												7.9	7.1
11/27/14	0.088												8	7.2
11/28/14	0.086												7.9	7.1
11/29/14	0.095												8.1	7.1
11/30/14	0.097												8	7.1
Average	0.081	9	3	0.6	1.92	6	2.047	0.40	0.6	18.29	98%	99%	7.91	7
Maximum	0.102	17	4	1.2	13.00	12	2.752	0.8	1.3	21.31			8.30	7
Exceed.	0	0	0	0	0	0	0	0			0	0		

