



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

July 13, 2015

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 June 2015**

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 June.

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

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", written over a white background.

John Kessel
Process Supervisor, West region

JK/ Timberlake 6/15

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 06/01/15 to 06/30/15	DMR Due Date:	07/28/15	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					=	7						19 - mg/L	29/30 - 29 Per Month	GR - GRAB							
					Permit Req.					>=	7 INST MIN								19 - mg/L	0	01/07 - Weekly	GR - GRAB				
					Value NODI																					
00400	pH	1 - Effluent Gross0		--	Sample					=	7				=	8			12 - SU	01/01 - Daily	GR - GRAB					
					Permit Req.					>=	6 MINIMUM				<=	9 MAXIMUM				12 - SU	0	01/07 - Weekly	GR - GRAB			
					Value NODI																					
00530	Solids, total suspended	1 - Effluent Gross0		--	Sample	=	4		=	6	26 - lb/d		=	6		=	8		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	0	01/07 - Weekly	24 - COMP24			
					Value NODI																					
00600	Nitrogen, total [as N]	1 - Effluent Gross0		--	Sample								=	24		=	26		19 - mg/L	01/07 - Weekly	CP - COMPOS					
					Permit Req.																19 - mg/L	0	01/07 - Weekly	24 - COMP24		
					Value NODI																					
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross1		--	Sample	=	0.3		=	0.4	26 - lb/d		=	0.4		=	0.5		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	0	01/07 - Weekly	24 - COMP24			
					Value NODI																					
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross2		--	Sample																					
					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		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											
00665	Phosphorus, total [as P]	1 - Effluent Gross0		--	Sample								=	0.4		=	0.7		19 - mg/L	01/07 - Weekly	CP - COMPOS					
					Permit Req.											<=	1 30DA AVG		<=	2 DAILY MX			19 - mg/L	0	01/07 - Weekly	CP - COMPOS
					Value NODI																					
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross0		--	Sample	=	0.096		=	0.177	03 - MGD										99/99 - Continuous	CN - CONTIN				
					Permit Req.		Req Mon 30DA AVG		Req Mon INST MAX	03 - MGD													0	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.											<=	.011 30DA AVG		<=	.019 DAILY MX			19 - mg/L	0	01/07 - Weekly	GR - GRAB
					Value NODI																					
					Sample								=	1		=	1		13 - #/100mL	01/07 - Weekly	GR - GRAB					

51040	E. coli	1 - Effluent Gross	0	--	Permit Req.						<=	130 30DA GEO	<=	240 7 DA GEO	13 - #/100mL	0	01/07 - Weekly	GR - GRAB
					Value NODI													
80082	BOD, carbonaceous, 05 day, 20 C	1 - Effluent Gross	0	--	Sample =	2.8	=	3	26 - lb/d	=	4	=	4	19 - mg/L	0	01/01 - Daily	CP - COMPOS	
					Permit Req.	<= 16.7 30DA AVG	<=	25 DAILY MX	26 - lb/d	<=	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
Timber_MOR.pdf	pdf	34163
Timber_Cover.pdf	pdf	39762

Report Last Saved By

TIMBERLAKE WQTC MSD

User:	kessel@louisvillemsd.org	Date/Time:	2015-07-20 08:57 (Time Zone: -04:00)
Name:	John Kessel		
E-Mail:	kessel@louisvillemsd.org		

Timberlake

Timberlake		Report for	Jun-15			Tot. Exc.:	0 (Influent data below.)									
Tot. Flow= 2.867052		Concentrations					Pounds									
Date	Flow	TSS	BOD	NH3	ECOLI	TSS	BOD	NH3	tot. Pho:	Tot. N	TSS Rer	BOD Rer	D.O.	p.H.	TRC	
6/1/15	0.088	2	4	0.36		1.462	2.923	0.263	0.240	22.680	0.998	0.991	7.5	7	0.01	
6/2/15	0.089				1								7.7	7.1	0.01	
6/3/15	0.093												8.2	6.6	0.01	
6/4/15	0.092												7.8	6.9	0.01	
6/5/15	0.086												8	7	0.01	
6/6/15	0.090												8.1	7.1	0.01	
6/7/15	0.092												7.9	7	0.01	
6/8/15	0.088	5	4	0.48		3.682	2.946	0.353	0.327	24.830	0.998	0.995	7.7	7.2	0.01	
6/9/15	0.091				1								7.5	7	0.01	
6/10/15	0.085												7.9	7.1	0.01	
6/11/15	0.073												7.7	7.2	0.01	
6/12/15	0.091												7.9	7.3	0.01	
6/13/15	0.091												7	7.4	0.01	
6/14/15	0.086												7	7	0.01	
6/15/15	0.087	8	4	0.42		5.811	2.905	0.305	0.717	23.170	0.994	0.994	7.5	7.2	0.01	
6/16/15	0.078				1								7.7	7	0.01	
6/17/15	0.090												7.9	7.2	0.01	
6/18/15	0.089												7.2	7.5	0.01	
6/19/15	0.093												7.2	7.3	0.01	
6/20/15	0.120												7.1	7.2	0.01	
6/21/15	0.105												7.2	7.3	0.01	
6/22/15	0.098	7	3	0.5		5.704	2.445	0.407	0.233	25.850	0.993	0.990	7.5	7.1	0.01	
6/23/15	0.094				1								7.7	7.3	0.01	
6/24/15	0.087												7.9	7.2	0.01	
6/25/15	0.090												7.1	7.2	0.01	
6/26/15	0.177												7.5	7.4	0.01	
6/27/15	0.132													7.2	0.01	
6/28/15	0.108												7.3	7	0.01	
6/29/15	0.102												7.2	7.1	0.01	
6/30/15	0.083												7.1	7.4	0.01	
7/1/15																
Average	0.096	6	4	0.4	1.00	4	2.805	0.33	0.4	24.13	100%	99%	7.55	7	0.01	
Maximum	0.177	8	4	0.5	1.00	6	2.946	0.4	0.7	25.85			8.20	8	0.01	
Exceed.	0	0	0	0	0	0	0	0			0	0				
		0	0	0	0	0	0	0								