



Metropolitan Sewer District

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

February 17, 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 January 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 January.

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

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

Sincerely,

John Kessel
Process Supervisor, West region

JK/ TimberLake 1/15

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 JEFFERSON COUNTY (JEFFERSON,KY), KY 40059
Permitted Feature:	001 External Outfall	Discharge:	001-2 MUNICIPAL DISCHARGE		

Report Dates & Status

Monitoring Period:	From 01/01/15 to 01/31/15	DMR Due Date:	02/28/15	Status:	NetDMR Validated
---------------------------	----------------------------------	----------------------	-----------------	----------------	-------------------------

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	Units	
00300	Oxygen, dissolved [DO]	1 - Effluent Gross	0	--	Sample					=	7					19 - mg/L	01/01 - Daily	GR - GRAB		
					Permit Req.					>=	7 INST MIN					19 - mg/L	0	01/07 - Weekly	GR - GRAB	
					Value NODI															
00400	pH	1 - Effluent Gross	0	--	Sample					=	6				=	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 Gross	0	--	Sample	=	8	=	11	26 - lb/d	=	13	=	18	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 Gross	0	--	Sample						=	25	=	27	19 - mg/L	01/07 - Weekly	CP - COMPOS			
					Permit Req.							Req Mon 30DA AVG		Req Mon DAILY MX	19 - mg/L	0	01/07 - Weekly	24 - COMP24		
					Value NODI															
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	1	--	Sample						=	0.5	=	0.8	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		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 Gross	2	--	Sample	=	0.3	=	0.5	26 - lb/d	=	0.5	=	0.8	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	0	01/07 - Weekly	CP - COMPOS		
					Value NODI															
00665	Phosphorus, total [as P]	1 - Effluent Gross	0	--	Sample						=	0.7	=	1.1	19 - mg/L	05/30 - 5 Times Every Month	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 Gross	0	--	Sample	=	0.083	=	0.116	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 Gross	0	--	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															
		1 - Effluent			Sample						=	2	=	10	13 - #/100mL	01/07 - Weekly	GR - GRAB			
					Permit											13 -				

51040	E. coli	Gross	0	--	Req.									<=	130 30DA GEO	<=	240 7 DA GEO	#/100mL	0	01/07 - Weekly	GR - GRAB
					Value NODI																
80082	BOD, carbonaceous, 05 day, 20 C	1 - Effluent Gross	0	--	Sample	=	2.4	=	3	26 - lb/d	=	4	=	4				19 - mg/L		01/07 - Weekly	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
Timberlake_MOR_012015.pdf	pdf	26785
Timberlake_Cover_012015.pdf	pdf	16559

Report Last Saved By

TIMBERLAKE WQTC MSD

User: kevin.ries@louisvillemd.org | Date/Time: 2015-02-23 11:12 (Time Zone: -05:00)
Name: Kevin Ries
E-Mail: kevin.ries@louisvillemd.org

Timberlake

Timberlake		Report for		Jan-15		Tot. Exc.=		0		(Influent data below.)					
Tot. Flow=	2.56271	Concentrations		Pounds											
Date	Flow	TSS	BOD	NH3	ECOLI	TSS	BOD	NH3	Tot. Phos.	Tot. N	TSS Rem	BOD Rem	D.O.	p.H.	TRC
1/1/15	0.085	16	3	0.28		11.385	2.135	0.199	0.867	22.810	0.9872	0.993103	9	7.5	0.01
1/2/15	0.086				1								8.6	7.5	0.01
1/3/15	0.113												8.8	7.4	0.01
1/4/15	0.116												8.5	7.5	0.01
1/5/15	0.085												8	7.4	0.01
1/6/15	0.021												8.5	7.2	0.01
1/7/15	0.051												8.3	7.3	0.01
1/8/15	0.085	10	4	0.48		7.096	2.838	0.341	0.372	22.710	0.944444	0.982759	8.5	7.4	0.01
1/9/15	0.074				10								8.1	7.1	0.01
1/10/15	0.080												8.8	7.3	0.01
1/11/15	0.098												8.8	7.3	0.01
1/12/15	0.093												8.4	7.2	0.01
1/13/15	0.080												8	7.1	0.01
1/14/15	0.074												7.7	7.3	0.01
1/15/15	0.074	18	3	0.45		11.109	1.851	0.278	0.560	26.510	0.94375	0.985915	7.9	7.1	0.01
1/16/15	0.076				1								7.7	7.2	0.01
1/17/15	0.089												7.8	7.1	0.01
1/18/15	0.087												8	7	0.01
1/19/15	0.083												8	7.3	0.01
1/20/15	0.075												10	7.2	0.01
1/21/15	0.075												9.8	7	0.01
1/22/15	0.080	6	4	0.76		4.018	2.678	0.509	0.611	26.810	0.979452	0.981395	8.4	7.1	0.01
1/23/15	0.086				1								7.4	7.3	0.01
1/24/15	0.090												7.9	7.2	0.01
1/25/15	0.100												7.8	7.3	0.01
1/26/15	0.090												8	7.1	0.01
1/27/15	0.086												7.9	7.4	0.01
1/28/15	0.070												10	6.6	0.01
1/29/15	0.089								1.100				10	6.4	0.01
1/30/15	0.079												9.7	6.5	0.01
1/31/15	0.093												9.000	6.700	0.010
Average	0.083	13	4	0.5	1.78	8	2.376	0.33	0.7	24.71	98%	99%	8.49	7	0.01
Maximum	0.116	18	4	0.8	10.00	11	2.838	0.5	1.1	26.81			10.00	8	0.01
Exceed.	0	0	0	0	0	0	0	0			0	0			