



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

October 15, 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 September 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 September 2014.

There were no exceedences, bypasses or overflows to report.

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 "J. Kessel", written over a white background.

John Kessel
Process Supervisor, West region

JK/ Timber Lake 09/14

Enclosures

CC T. Singleton
R. Shaw
C.Roth



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

51040 E. coli	1 - Effluent Gross0	--	Req.																<=	130 30DA GEO	<=	240 7 DA GEO	#/100mL	0	01/07 - Weekly	GR - GRAB
			Value NODI																							
			Sample	=	1.7	=	2		26 - lb/d	=	3		=	3									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		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_Cover_092014.pdf	pdf	16473
Timberlake_MOR_092014.pdf	pdf	12296

Report Last Saved By
TIMBERLAKE WQTC MSD

User: kevin.thompson@louisvillemmsd.org | Date/Time: 2014-12-15 12:11 (Time Zone: -05:00)
Name: Kevin Thompson
E-Mail: kevin.thompson@louisvillemmsd.org

Timberlake

Timberlake	Report for	Sep-14				Tot. Exc.=	0 (Influent data below.)						
Tot. Flow=	2.43906	Concentrations					Pounds						
Date	Flow	TSS	BOD	NH3	ECOLI	TSS	BOD	NH3	Tot. Phos.	Tot. N	TSS Rem	BOD Rem	
9/1/14	0.089												
9/2/14	0.091	7	3	0.62		5.285	2.265	0.468	0.260	12.510	0.985567	0.991279	
9/3/14	0.089				1								
9/4/14	0.097												
9/5/14	0.080												
9/6/14	0.086												
9/7/14	0.077												
9/8/14	0.076												
9/9/14	0.080	2	3	0.11		1.337	2.006	0.074	0.422	29.110	0.994152	0.986111	
9/10/14	0.084				1								
9/11/14	0.132												
9/12/14	0.094												
9/13/14	0.083												
9/14/14	0.085												
9/15/14	0.084												
9/16/14	0.084	4	2	0.39		2.802	1.401	0.273	0.365	16.310	0.992157	0.994819	
9/17/14	0.079				1								
9/18/14	0.077												
9/19/14	0.071												
9/20/14	0.083												
9/21/14	0.087												
9/22/14	0.070												
9/23/14	0.070	2	2	0.17		1.175	1.175	0.100	0.659	18.210	0.992982	0.994135	
9/24/14	0.053				1								
9/25/14	0.070												
9/26/14	0.071												
9/27/14	0.076												
9/28/14	0.079												
9/29/14	0.073												
9/30/14	0.070												
10/1/14													
Average	0.081	4	3	0.3	1.00	3	1.712	0.23	0.4	19.04	99%	99%	
Maximum	0.132	7	3	0.6	1.00	5	2.265	0.5	0.7	29.11			
Exceed.	0	0	0	0	0	0	0	0			0	0	
		0	0	0	0	0	0	0			0	0	
		0	0	0	0	0	0	0			0	0	
Minimum	0.05313 MIN	MAX											
	DO (min)												

Timberlake

data

Date	Flow	Concentration			INFLUENT		
		TSS	BOD	NH3	TSS	BOD	Pounds NH3
9/1/2014	0.08936						
9/2/2014	0.09052	485	344	27	366.144	259.698	20.383
9/3/2014	0.089						
9/4/2014	0.09703						
9/5/2014	0.08						
9/6/2014	0.08572						
9/7/2014	0.07738						
9/8/2014	0.07596						
9/9/2014	0.08017	342	216	29	228.667	144.421	19.390
9/10/2014	0.08352						
9/11/2014	0.132						
9/12/2014	0.09432						
9/13/2014	0.08254						
9/14/2014	0.08532						
9/15/2014	0.084						
9/16/2014	0.084	510	386	28	357.286	270.416	19.616
9/17/2014	0.07852						
9/18/2014	0.07668						
9/19/2014	0.07107						
9/20/2014	0.08251						
9/21/2014	0.08708						
9/22/2014	0.07022						
9/23/2014	0.07044	285	341	34	167.429	200.327	19.974
9/24/2014	0.05313						
9/25/2014	0.06991						
9/26/2014	0.071						
9/27/2014	0.07562						
9/28/2014	0.07936						
9/29/2014	0.07268						
9/30/2014	0.07						
10/1/2014							
Average	0.081	405.50	321.75	29.50	279.88	218.72	19.84
Maximum	0.132	510.00	386.00	34.00	366.14	270.42	20.38