



Louisville and Jefferson County Metropolitan Sewer District  
700 West Liberty Street  
Louisville Kentucky 40203-1911  
502-540-6000  
[www.msdlouky.org](http://www.msdlouky.org)

November 19, 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 October 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 October 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,

John Kessel  
Process Supervisor, West region

JK/ Timber Lake 10/14

Enclosures

CC T. Singleton  
R. Shaw  
C.Roth



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DMR Copy of Record

<b>Permit</b>					
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		

<b>Report Dates &amp; Status</b>					
Monitoring Period:	From 10/01/14 to 10/31/14	DMR Due Date:	11/28/14	Status:	NetDMR Validated

Considerations for Form Completion

<b>Principal Executive Officer</b>					
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	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	=	1	=	2	26 - lb/d		=	2	=	3		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							=	17	=	27		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	=	0.3	=	0.4	26 - lb/d		=	0.5	=	0.6		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																
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							=	0.1	=	0.1		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	=	0.079	=	0.113	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							=	1	=	5		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															
80082	BOD, carbonaceous, 05 day, 20 C	1 - Effluent Gross0	--	Sample	=	2.2	=	3	26 - lb/d	=	4	=	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_102014.pdf	pdf	11293
Timberlake_cover_102014.pdf	pdf	16517

**Report Last Saved By**  
TIMBERLAKE WQTC MSD

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

Timberlake

Timberlake	Report for	Oct-14				Tot. Exc.=	(Influent data below.)							
Tot. Flow=	2.45789	Concentrations				0	Pounds							
Date	Flow	TSS	BOD	NH3	ECOLI	TSS	BOD	NH3	Tot. Phos.	Tot. N	TSS Rem	BOD Rem	D.O.	p.H.
10/1/14	0.072												7.9	7.2
10/2/14	0.074	2	3	0.5		1.238	1.858	0.310	0.071	4.560	0.993506	0.987342	7.7	7.3
10/3/14	0.086				1								7.5	7
10/4/14	0.076												7.4	7.1
10/5/14	0.079												7.9	7.2
10/6/14	0.079												7.9	7.2
10/7/14	0.080												7.6	7.2
10/8/14	0.067												7.8	7.2
10/9/14	0.079	2	3	0.62		1.325	1.988	0.411	0.115	26.610	0.997802	0.994737	8.3	7.2
10/10/14	0.088				5								8.3	7.1
10/11/14	0.088												8.2	7.2
10/12/14	0.087												8.3	7.1
10/13/14	0.089												8	7.3
10/14/14	0.113												7.7	7.3
10/15/14	0.089												7.5	7.2
10/16/14	0.085	3	4	0.34		2.115	2.820	0.240	0.060	17.910	0.995	0.988372	7.9	7.3
10/17/14	0.081				1								7.7	7.1
10/18/14	0.085												8	7.3
10/19/14	0.075												8	7.3
10/20/14	0.079												7.7	7.1
10/21/14	0.071												8	7.3
10/22/14	0.062												7.8	7.2
10/23/14	0.067	1	4	0.39		0.555	2.221	0.217	0.076	19.050	0.997573	0.99061	8	7.3
10/24/14	0.074				1								7.7	7.2
10/25/14	0.086												7.8	7.3
10/26/14	0.077												8	7.1
10/27/14	0.074												7.7	7.2
10/28/14	0.082												7.9	7.3
10/29/14	0.071												7.9	7.1
10/30/14	0.067								0.078				8.5	6.6
10/31/14	0.077												8.000	6.900
Average	0.079	2	4	0.5	1.50	1	2.222	0.29	0.1	17.03	100%	99%	7.89	7
Maximum	0.113	3	4	0.6	5.00	2	2.820	0.4	0.1	26.61			8.50	7
Exceed.	0	0	0	0	0	0	0	0			0	0		
		0	0	0	0	0	0	0						

