



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)

September 9, 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 August 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 August 2014.

There were no exceedences, bypasses or overflows to report.

If you have any questions concerning the attached DMRs, please contact me at (502) 587-5856.

Sincerely,

A handwritten signature in black ink, appearing to read "John Kessel", written over a horizontal line.

John Kessel  
Process Supervisor

JK/ Timber Lake 08/14

Enclosures

CC T. Singleton  
R. Shaw



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DMR Copy of Record

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

<b>Report Dates &amp; Status</b>			
Monitoring Period:	From 08/01/14 to 08/31/14	DMR Due Date:	09/28/14
Status:	NetDMR Validated		

**Considerations for Form Completion**

<b>Principal Executive Officer</b>			
First Name:	Greg	Title:	Exec Director
Last Name:	Hetizman	Telephone:	502-540-6000

**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					=	8					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					=	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 Gross	0	--	Sample	=	2	=	3	26 - lb/d		=	3	=	4	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					=	30			=	33	19 - mg/L	01/07 - Weekly	CP - COMPOS	
					Permit Req.												0	01/07 - Weekly	24 - COMP24
					Value NODI														
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	1	--	Sample	=	0.1	=	0.2	26 - lb/d		=	0.2	=	0.3	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														
X 00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	2	--	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														
00665	Phosphorus, total [as P]	1 - Effluent Gross	0	--	Sample					=	0.2			=	0.3	19 - mg/L	01/07 - Weekly	CP - COMPOS	
					Permit Req.												0	01/07 - Weekly	CP - COMPOS
					Value NODI														
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	0.081	=	0.107	03 - MGD									
					Permit Req.												0	99/99 - Continuous	CN - CONTIN
					Value NODI													0	01/07 - Weekly
50060	Chlorine, total residual	1 - Effluent Gross	0	--	Sample					<	0.01			<	0.01	19 - mg/L	01/01 - Daily	GR - GRAB	
					Permit Req.												0	01/07 - Weekly	GR - GRAB
					Value NODI														
51040	E. coli	1 - Effluent Gross	0	--	Sample					=	3			=	48	13 - #/100mL	01/07 - Weekly	GR - GRAB	
					Permit Req.												0	01/07 - Weekly	GR - GRAB
					Value NODI														
80082	BOD, carbonaceous, 05 day, 20 C	1 - Effluent Gross	0	--	Sample	=	1.9	=	2	26 - lb/d		=	3	=	3	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.

<b>Edit Check Errors</b>						
Code	Parameter Name	Monitoring Location	Field	Type	Description	Acknowledge
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	All	Soft	All permit limit values for the Parameter are missing sample values or NODI selection. (Error Code: -1)	Yes

**Comments**

<b>Attachments</b>		
Name	Type	Size

Timberlake\_MOR\_082014.pdf

pdf

10187

Timberlake\_Cover\_082014.pdf

pdf

14046

**Report Last Saved By**

**TIMBERLAKE WQTC MSD**

User: wrightd

Date/Time:

2014-10-21 10:07 (Time Zone: -04:00)

Name: Duane Wright

E-Mail: duane.wright@louisvillemtd.org

Timberlake

Timberlake	Report for	Aug-14				Tot. Exc.=	0 (Influent data below.)							D.O.	p.H.
Tot. Flow=	2.51812	Concentrations					Pounds								
Date	Flow	TSS	BOD	NH3	ECOLI	TSS	BOD	NH3	Tot. Phos.	Tot. N	TSS Rem	BOD Rem			
8/1/14	0.078												7.9	7.3	
8/2/14	0.085												8.1	7.4	
8/3/14	0.081												7.8	7.6	
8/4/14	0.074	2	3	0.17		1.235	1.853	0.105	0.202	25.750	0.992958	0.991892	8	7.4	
8/5/14	0.078				48								8.3	7.4	
8/6/14	0.081												8	7.2	
8/7/14	0.083												7.8	7.3	
8/8/14	0.092												8.4	7.4	
8/9/14	0.091												8.3	7.3	
8/10/14	0.093												8.4	7.2	
8/11/14	0.087	4	2	0.11		2.895	1.447	0.080	0.256	33.390	0.987654	0.993333	8.5	7.3	
8/12/14	0.073				1								8.1	7.2	
8/13/14	0.072												7.7	7.4	
8/14/14	0.075												8	7.3	
8/15/14	0.072												7.5	7.5	
8/16/14	0.084												7.5	7.5	
8/17/14	0.107												7.9	7.6	
8/18/14	0.099	2	3	0.17		1.651	2.476	0.140	0.166	32.310	0.997849	0.986301	8.4	7.3	
8/19/14	0.062				1								8.3	7.5	
8/20/14	0.095												8.7	7.3	
8/21/14	0.067												8.9	7.4	
8/22/14	0.067												8.4	7.2	
8/23/14	0.086												8.2	7.3	
8/24/14	0.082												8	7.4	
8/25/14	0.068	2	3	0.28		1.126	1.690	0.158	0.164	29.040	0.997872	0.994863	8.3	7.2	
8/26/14	0.078				1								8	7.3	
8/27/14	0.081												8.5	7.4	
8/28/14	0.073												8.1	7.4	
8/29/14	0.076												8.3	7.4	
8/30/14	0.093												8.2	7.3	
8/31/14	0.088												8.000	7.400	
Average	0.081	3	3	0.2	2.63	2	1.866	0.12	0.2	30.12	100%	99%	8.15	7	
Maximum	0.107	4	3	0.3	48.00	3	2.476	0.2	0.3	33.39			8.90	8	
Exceed.	0	0	0	0	0	0	0	0			0	0			

