



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

June 18, 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 May 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 May.

There were no exceedences or bypasses reports for the month of May.

Also included are the overflow reports for May.

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 "John Kessel", written in a cursive style.

John Kessel  
Process Supervisor, West region

JK/ TimberLake 5/15

Enclosures

CC T. Singleton  
R. Shaw  
C.Roth



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

**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 05/01/15 to 05/31/15	DMR Due Date:	06/28/15	Status:	NetDMR Validated

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

<b>No Data Indicator (NODI)</b>					
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				=	8		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	=	3		=	4	26 - lb/d		=	4		=	5	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								=	25		=	30	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	=	0.4		=	0.5	26 - lb/d		=	0.4		=	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													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	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		=	0.6	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	=	0.09		=	0.106	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								=	7		=	179	13 - #/100mL	01/07 - Weekly	GR - GRAB		
					Permit															13 -		



Timberlake

Timberlake	Report for	May-15					Tot. Exc.: 0 (Influent data below.)									
Tot. Flow=	2.77481	Concentrations					Pounds									
Date	Flow	TSS	BOD	NH3	ECOLI	TSS	BOD	NH3	Tot. Phos	Tot. N	TSS Rer	BOD Rr	D.O.	p.H.	TRC	
5/1/15	0.090												9.2	7.6	0.01	
5/2/15	0.094												9	7.4	0.01	
5/3/15	0.106	4	4	0.48		3.529	3.529	0.424	0.202	21.090	0.98	0.98	9.2	7.5	0.01	
5/4/15	0.095				1								8.8	7.1	0.01	
5/5/15	0.093												8.5	7.3	0.01	
5/6/15	0.081												8.1	7.3	0.01	
5/7/15	0.082												8.5	7.3	0.01	
5/8/15	0.091												8.1	7.4	0.01	
5/9/15	0.094												8.2	7.3	0.01	
5/10/15	0.101	5	4	0.59		4.220	3.376	0.498	0.430	27.110	0.90	0.97	9.2	6.6	0.01	
5/11/15	0.095				179								7.6	6.7	0.01	
5/12/15	0.085												7.6	6.6	0.01	
5/13/15	0.076												8.1	7.4	0.01	
5/14/15	0.082												8	7	0.01	
5/15/15	0.082												7.8	7.2	0.01	
5/16/15	0.094												8	6.9	0.01	
5/17/15	0.093	2	4	0.53		1.549	3.097	0.410	0.600	29.660	0.99	0.99	8	6.9	0.01	
5/18/15	0.089				1								8.3	7	0.01	
5/19/15	0.088												7.8	7.2	0.01	
5/20/15	0.083												7.2	6.9	0.01	
5/21/15	0.090												8.1	6.7	0.01	
5/22/15	0.096												7.5	7.2	0.01	
5/23/15	0.085												7.6	7	0.01	
5/24/15	0.084												7.5	7.2	0.01	
5/25/15	0.098	5	4	0.11		4.076	3.261	0.090	0.243	21.530	0.99	0.99	7.7	7.1	0.01	
5/26/15	0.091				10								7.5	7	0.01	
5/27/15	0.084												7.4	6.9	0.01	
5/28/15	0.082												7.6	6.6	0.01	
5/29/15	0.087												7.7	6.7	0.01	
5/30/15	0.093												7.8	6.9	0.01	
5/31/15	0.090												7.700	6.800	0.010	
Average	0.090	4	4	0.4	6.50	3	3.316	0.36	0.4	24.85	98%	98%	8.04	7	0.01	
Maximum	0.106	5	4	0.6	179.00	4	3.529	0.5	0.6	29.66			9.20	8	0.01	
Exceed.	0	0	0	0	0	0	0	0			0	0				



Report Selections: Period: 05/01/2015 00:00 thru 05/31/2015 23:59, Excluding PPI Excluding CSO Excluding LAT, Result: WUS, Act Code: DISDW, DISREV

KPDES #	Facility ID	Water Quality Treatment Center	Receiving Stream of Treatment Center	Region
KY0043087	MSD0293	TIMBERLAKE	HARRODS CREEK	EAST

Facility Type	Facility ID	Facility Address	If Pump Station, Name of Pump Station:	Receiving Stream	Discharge to
SSL Sewer Service Line	103681001	1001 HARRODS LANDING DR		HUNTING CREEK	GROUND

Activity Code / Description	WO #	Ref No	Initiated	Initiated By	Assigned To	Disch Status	Event Date	Problem	Result	Completed	Condition
DISDW:DRY WEATHER DISCHARGE	2365539		5/29/15 1:00 pm	SINGLETON	OPS BSHIFT CENTRAL	REPAIRED - ISSUE RESOLVED	05/29/2015	UTILITY DAMAGED MSD ASSET	UNAUTHORIZED DISCHAGE - WATERS	05/29/15 03:10 PM	

**Discharge Reporting:**

Discharge Amount:	910 GAL
Cause:	UTILITY WORKER BROKE THE FORCE MAIN AS THEY WERE MAKING A REPAIR
Clean Up:	MSD CLEANED & SANITIZED THE AREA
Control Zone:	TEMPORARY SIGNS PLACED
Impact:	SEWAGE OBSERVED ON THE GROUND
Repair:	CONTRACTOR HAS REPAIRED THE FORCE MAIN
Public Notification:	TEMPORARY SIGNS PLACED AROUND THE AREA

**Notifications:**

5/30/15 1:00 am	DISNOT	Email notification of unauthorized discharge sent to 'DischargeNotices@louisvillemsd.org, Sayre.Dennis@epamail.epa.gov'
5/12/15 1:00 am	DISSNO	Supplemental Email notification of unauthorized discharge has been sent to 'DischargeNotices@louisvillemsd.org, Sayre.Dennis@epamail.epa.gov'