



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

August 20, 2013

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 of 2013**

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 2013

There were no exceedences, bypasses or overflows to report.

If you have any questions concerning the attached DMRs, please contact me at (502) 587-5832.

Sincerely,

A handwritten signature in black ink that reads "Richard Mills". The signature is written in a cursive, flowing style.

Richard Mills
Process Supervisor of Metro Operations

RM/ Timber Lake 08/13

Enclosures

CC T. Singleton
R. Shaw



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 PROSPECT, KY 40059
Permitted Feature:	001 External Outfall	Discharge:	001-2 MUNICIPAL DISCHARGE		

Report Dates & Status					
Monitoring Period:	From 08/01/13 to 08/31/13	DMR Due Date:	09/28/13	Status:	NetDMR Validated

Considerations for Form Completion					
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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					=	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					12 - SU	01/01 - Daily	GR - GRAB		
					Permit Req.					>=	6 MINIMUM						12 - SU	0	01/07 - Weekly	GR - GRAB
					Value NODI															
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample	=	5	=	8	26 - lb/d	=	7	=	12	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						=	24	=	26	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	=	0.3	=	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	0	01/07 - Weekly	24 - COMP24		
					Value NODI															
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		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 Gross	0	--	Sample						=	0.3	=	0.4	19 - mg/L	01/07 - Weekly	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	=	0.091	=	0.122	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						=	88	=	239	13 - #/100mL	01/07 - Weekly	GR - GRAB			
					Permit												13 -			

51040	E. coli	Gross	0	--	Req. Value NODI									<=	130 30DA GEO	<=	240 7 DA GEO	#/100mL	0	01/07 - Weekly	GR - GRAB	
80082	BOD, carbonaceous, 05 day, 20 C	1 - Effluent Gross	0	--	Sample	=	2.1	=	3	26 - lb/d	=	3	=	4					19 - mg/L		XX/XX - Frequency as Reported	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
201308TimberLale_MOR.PDF	pdf	7289
201308TimberLake_CoverLetter.PDF	pdf	14326

Report Last Saved By

TIMBERLAKE WQTC MSD

User: kevin.thompson@louisvillemsd.org | Date/Time: 2014-12-15 12:01 (Time Zone: -05:00)

Name: Kevin Thompson

E-Mail: kevin.thompson@louisvillemsd.org

Timberlake

Timberlake		Report for Aug-13				Tot. Exc.=		0 (Influent data below.)						
Tot. Flow= 2.833227		Concentrations				Pounds								
Date	Flow	TSS	BOD	NH3	ECOLI	TSS	BOD	NH3	Tot. Phos.	Tot. N	D.O.	p.H.	TRC	
8/1/13	0.087										7.6	8.1	0.01	
8/2/13	0.087										8.1	8.3	0.01	
8/3/13	0.091										8.5	7.9	0.01	
8/4/13	0.080	2	2	0.5		1.337	1.337	0.334	0.379	26.280	8.5	6.9	0.01	
8/5/13	0.084				1						8.6	8	0.01	
8/6/13	0.086										7.9	8.3	0.01	
8/7/13	0.087										7.9	8.3	0.01	
8/8/13	0.086										7.9	8.4	0.01	
8/9/13	0.091										7.7	8.5	0.01	
8/10/13	0.104										8	8.5	0.01	
8/11/13	0.100	5	2	0.56		4.185	1.674	0.469	0.329	22.730	8.2	8.3	0.01	
8/12/13	0.108				1						8	8.4	0.01	
8/13/13	0.093										8	8.3	0.01	
8/14/13	0.084										8.1	8.4	0.01	
8/15/13	0.091										8	8.2	0.01	
8/16/13	0.088										8	8.2	0.01	
8/17/13	0.093										8	8.1	0.01	
8/18/13	0.101	8	3	0.39		6.764	2.537	0.330	0.100	22.020	8.1	8.2	0.01	
8/19/13	0.091				239						7.9	8.2	0.01	
8/20/13	0.085										7.8	8.3	0.01	
8/21/13	0.080										7.6	8.1	0.01	
8/22/13	0.089										7.7	8.2	0.01	
8/23/13	0.088										7.6	7.6	0.01	
8/24/13	0.093										7.6	7.6	0.01	
8/25/13	0.085	12	4	0.28		8.469	2.823	0.198	0.213	24.270	7.6	7.6	0.01	
8/26/13	0.096				112						8	7.8	0.01	
8/27/13	0.099										7.8	8	0.01	
8/28/13	0.088										7.9	8	0.01	
8/29/13	0.084										8.6	8	0.01	
8/30/13	0.095										8.6	8	0.01	
8/31/13	0.122										7.800	7.100	0.010	
Average	0.091	7	3	0.4	12.79	5	2.092	0.33	0.3	23.83	7.99	8	0.01	
Maximum	0.122	12	4	0.6	239.00	8	2.823	0.5	0.4	26.28	8.60	9	0.01	
Exceed.	0	0	0	0	0	0	0	0	0	0				