



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

March 13, 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 February 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 February 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 "Kevin Thompson", written over a horizontal line.

Kevin Thompson
Process Supervisor

KT/ Timber Lake 02/14

Enclosures

CC T. Singleton
R. Shaw



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

DMR Copy of Record

Permit

Permit #:

KY0043087

Major:

No

Permitted Feature:

001
External Outfall

Permittee:

TIMBERLAKE WQTC MSD

Permittee Address:

5504 TIMBER RIDGE RD
PROSPECT, KY 40059

Discharge:

001-2
MUNICIPAL DISCHARGE

Facility:

TIMBERLAKE WQTC MSD

Facility Location:

5504 TIMBER RIDGE RD
PROSPECT, KY 40059

Report Dates & Status

Monitoring Period:

From 02/01/14 to 02/28/14

DMR Due Date:

03/28/14

Status:

NetDMR Validated

Considerations for Form Completion

Principal Executive Officer

First Name:

Greg

Last Name:

Heitzman

Title:

Executive Director

Telephone:

502-540-6000

No Data Indicator (NODI)

Form NODI:

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Code	Parameter	Monitoring Location	Season #	Param. NODI		Quantity or Loading					Quality or Concentration							# of Ex.	Frequency of Analysis	Sample Type
	Name					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	0	01/01 - Daily	GR - GRAB
					Permit Req.						>=	7 INST MIN					19 - mg/L		01/07 - Weekly	GR - GRAB
					Value NODI															
00400	pH	1 - Effluent Gross	0	--	Sample						=	7				=	8	0	01/01 - Daily	GR - GRAB
					Permit Req.						>=	6 MINIMUM				<=	9 MAXIMUM		01/07 - Weekly	GR - GRAB
					Value NODI															
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample	=	5	=	7	26 - lb/d			=	6		=	9	0	01/07 - Weekly	CP - COMPOS
					Permit Req.	<=	50 30DA AVG	<=	75 DAILY MX	26 - lb/d			<=	30 30DA AVG		<=	45 DAILY MX		01/07 - Weekly	24 - COMP24
					Value NODI															
00600	Nitrogen, total [as N]	1 - Effluent Gross	0	--	Sample								=	19		=	21	0	01/07 - Weekly	CP - COMPOS
					Permit Req.									Req Mon 30DA AVG			Req Mon DAILY MX		01/07 - Weekly	24 - COMP24
					Value NODI															
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	1	--	Sample													0		
					Permit Req.	<=	3.3 30DA AVG	<=	5 DAILY MX	26 - lb/d			<=	2 30DA AVG		<=	3 DAILY MX		01/07 - Weekly	24 - COMP24
					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			
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	2	--	Sample	=	0.1	=	0.2	26 - lb/d			=	0.2		=	0.2	0	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		01/07 - Weekly	CP - COMPOS
					Value NODI															
00665	Phosphorus, total [as P]	1 - Effluent Gross	0	--	Sample								=	0.3		=	0.4	0	01/07 - Weekly	CP - COMPOS
					Permit Req.								<=	1 30DA AVG		<=	2 DAILY MX		01/07 - Weekly	CP - COMPOS
					Value NODI															
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	0.102	=	0.164	03 - MGD								0	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 Gross	0	--	Sample								<	0.01		<	0.01	0	01/01 - Daily	GR - GRAB
					Permit Req.								<=	.011 30DA AVG		<=	.019 DAILY MX		01/07 - Weekly	GR - GRAB
					Value NODI															
					Sample								=	1		=	1		01/07 - Weekly	GR - GRAB
					Permit															

51040	E. coli	1 - Effluent Gross	0	--	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 Gross	0	--	Sample	=	2		=	3	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.

Edit Check Errors

No errors.

Comments

Attachments

Name		Type	Size
201402TimberLake_Coverletter.pdf		pdf	16043
201402TimberLake_MOR.pdf		pdf	9001

Report Last Saved By

TIMBERLAKE WQTC MSD

User:	kevin.thompson@louisvillemsd.org	Date/Time:	2014-12-15 12:07 (Time Zone: -05:00)
Name:	Kevin Thompson		
E-Mail:	kevin.thompson@louisvillemsd.org		

Timberlake

Timberlake Tot. Flow= Date	Report for 2.8601 Flow	TSS	Feb-14 Concentrations BOD	NH3	Tot. Exc.= ECOLI	0 (Influent data below.) TSS	BOD	Pounds NH3	Tot. Phos.	Tot. N	D.O.	p.H.	TRC
2/1/14	0.118										8	7.3	<0.010
2/2/14	0.116										8.1	7.4	<0.010
2/3/14	0.088	9	3	0.11		6.632	2.211	0.081	0.381	20.510	8	7.3	<0.010
2/4/14	0.118				1						7.7	7.5	<0.010
2/5/14	0.164										7.9	7.3	<0.010
2/6/14	0.105										7.7	7.5	<0.010
2/7/14	0.090										8	7.4	<0.010
2/8/14	0.104										8.3	7.3	<0.010
2/9/14	0.103										8.3	7.3	<0.010
2/10/14	0.092	3	2	0.11		2.291	1.527	0.084	0.207	20.010	8	7.2	<0.010
2/11/14	0.081				1						7.5	7.4	<0.010
2/12/14	0.086										7.9	7.3	<0.010
2/13/14	0.088										8.1	7.1	<0.010
2/14/14	0.097										7.7	7.3	<0.010
2/15/14	0.087										8	7.4	<0.010
2/16/14	0.106										7.8	7.2	<0.010
2/17/14	0.112	5	3	0.22		4.669	2.801	0.205	0.300	20.010	7.5	7.3	<0.010
2/18/14	0.113				1						8	7.3	<0.010
2/19/14	0.114										7.5	7.2	<0.010
2/20/14	0.128										7.6	7.2	<0.010
2/21/14	0.110										9	6.9	<0.010
2/22/14	0.106										8.2	7	<0.010
2/23/14	0.112										8.6	7	<0.010
2/24/14	0.091	6	2	0.17		4.534	1.511	0.128	0.343	15.510	7.9	7.2	<0.010
2/25/14	0.080				1						8.1	7.3	<0.010
2/26/14	0.081										8.7	7.2	<0.010
2/27/14	0.084										8.5	7.1	<0.010
2/28/14	0.088										9	7.4	<0.010
3/1/14													
3/2/14													
3/3/14													
Average	0.102	6	3	0.2	1.00	5	2.013	0.12	0.3	19.01	8.06	7	<0.010
Maximum	0.164	9	3	0.2	1.00	7	2.801	0.2	0.4	20.51	9.00	8	<0.010
Exceed.	0	0	0	0	0	0	0	0					