



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

November 19, 2013

Cheryl Edwards
Kentucky Division of Water
200 Fair Oaks Lane
Frankfort, Kentucky 40601

**Re: MSD Metro Operations
Shadow Wood WQTC; KPDES No.: KY0031810
Discharge Monitoring Reports for October 2013.**

Dear Ms. Edwards:

Attached is the Discharge Monitoring Reports (DMRs) and the Monthly Operator Report (MOR) for the Shadow Wood WQTC; KPDES No.: KY0031810 for the month of October 2013.

There were no exceedences, overflows or bypasses to reports for this month.

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 white background.

Kevin Thompson
Process Supervisor, East Region

KT/Shadow Wood 10/13.

Enclosures

cc: T. Singleton
R. Shaw



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

DMR Copy of Record

Permit			
Permit #:	KY0031810	Permittee:	SHADOWWOOD WQTC MSD
Major:	No	Permittee Address:	5497 FOREST LAKE DR LOUISVILLE, KY 40059
Permitted Feature:	001 External Outfall	Discharge:	001-1 SANITARY WASTEWATER
Facility:		Facility Location:	SHADOWWOOD WQTC MSD 5497 FOREST LAKE DR LOUISVILLE, KY 40059

Report Dates & Status			
Monitoring Period:	From 10/01/13 to 10/31/13	DMR Due Date:	11/28/13
Status:	NetDMR Validated		

Considerations for Form Completion

Principal Executive Officer			
First Name:	Greg	Title:	Executive Director
Last Name:	Heitzman	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											01/01 - Daily	GR - GRAB			
					Permit Req.	>=	7 INST MIN													01/07 - Weekly	GR - GRAB	
					Value NODI																	
00400	pH	1 - Effluent Gross	0	--	Sample	=	7				=	9						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	=	3.1	=	3.8	26 - lb/d	=	18	=	21	19 - mg/L			01/07 - Weekly	CP - COMPOS			
					Permit Req.	<=	21.3 30DA AVG	<=	42.6 DAILY MX	26 - lb/d	<=	30 30DA AVG	<=	60 DAILY MX	19 - mg/L					01/07 - Weekly	CP - COMPOS	
					Value NODI																	
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	1	--	Sample	=	0.06	=	0.07	26 - lb/d	=	0.3	=	0.4	19 - mg/L			01/07 - Weekly	CP - COMPOS			
					Permit Req.	<=	1.42 30DA AVG	<=	2.84 DAILY MX	26 - lb/d	<=	2 30DA AVG	<=	4 DAILY MX	19 - mg/L					01/07 - Weekly	CP - COMPOS	
					Value NODI																	
00665	Phosphorus, total [as P]	1 - Effluent Gross	0	--	Sample						=	0.4	=	0.5	19 - mg/L			05/30 - 5 Times Every Month	CP - COMPOS			
					Permit Req.							Req Mon 30DA AVG			Req Mon DAILY MX	19 - mg/L					01/07 - Weekly	CP - COMPOS
					Value NODI																	
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	0.027	=	0.108	03 - MGD								99/99 - Continuous	CN - CONTIN			
					Permit Req.		Req Mon 30DA AVG		Req Mon INST MAX	03 - MGD											99/99 - Continuous	CN - CONTIN
					Value NODI																	
74055	Coliform, fecal general	1 - Effluent Gross	0	--	Sample						=	2	=	2	13 - #/100mL			01/07 - Weekly	GR - GRAB			
					Permit Req.							<=	200 30DA GEO	<=	400 7 DA GEO	13 - #/100mL					01/07 - Weekly	GR - GRAB
					Value NODI																	
80082	BOD, carbonaceous, 05 day, 20 C	1 - Effluent Gross	0	--	Sample	=	1.48	=	2.5	26 - lb/d	=	9	=	16	19 - mg/L			01/07 - Weekly	CP - COMPOS			
					Permit Req.	<=	7.09 30DA AVG	<=	14.2 DAILY MX	26 - lb/d	<=	10 30DA AVG	<=	20 DAILY MX	19 - mg/L					01/07 - Weekly	CP - COMPOS	
					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
102013ShadowWood_mor.pdf	pdf	8633
102013ShadowWood_coverletter.pdf	pdf	16073

Report Last Saved By
SHADOWWOOD WQTC MSD

User:	kevin.thompson@louisvillemsd.org	Date/Time:	2013-11-23 08:10 (Time Zone: -05:00)
Name:	Kevin Thompson		
E-Mail:	kevin.thompson@louisvillemsd.org		

SHADOW WOOD		Report for		Oct-13		Tot. Exc.=		0				
Tot. Flow=	0.82686	Concentrations				Pounds		Conc.				
Date	Flow	TSS	BOD	NH3	Fecal	TSS	BOD	NH3	T Phos	D.O.	p.H.	TRC
10/1/13	0.022									8	7.3	<MDL
10/2/13	0.025	18	6	0.34		3.789	1.263	0.072	0.386	8.6	7.7	<MDL
10/3/13	0.026				2					8.4	7.7	<MDL
10/4/13	0.016									8.2	7.6	<MDL
10/5/13	0.058									8	7.5	<MDL
10/6/13	0.108									8.2	7.8	<MDL
10/7/13	0.038									8.9	7.8	<MDL
10/8/13	0.021									9.2	8	<MDL
10/9/13	0.019	21	8	0.34		3.322	1.266	0.054	0.54	9.3	7.9	<MDL
10/10/13	0.019				2					8.3	7.7	<MDL
10/11/13	0.022									9.5	8.7	<MDL
10/12/13	0.027									8.4	8	<MDL
10/13/13	0.029									8.2	8	<MDL
10/14/13	0.022									9.2	7.9	<MDL
10/15/13	0.022									8.7	7.8	<MDL
10/16/13	0.022	12	5	0.39		2.211	0.921	0.072	0.353	8.8	7.7	<MDL
10/17/13	0.020				2					8.5	7.6	<MDL
10/18/13	0.019									8.8	7.8	<MDL
10/19/13	0.025									8.6	7.7	<MDL
10/20/13	0.023									8.9	7.4	<MDL
10/21/13	0.021									8.8	7.6	<MDL
10/22/13	0.017									8.4	7.8	<MDL
10/23/13	0.018	20	16	0.22		3.081	2.465	0.034	0.514	8.5	7.6	<MDL
10/24/13	0.013									8.9	7.7	<MDL
10/25/13	0.016									8.7	7.5	<MDL
10/26/13	0.024									8.8	7.6	<MDL
10/27/13	0.022									8.4	7.4	<MDL
10/28/13	0.020									8.5	7.2	<MDL
10/29/13	0.016									8.3	7.3	<MDL
10/30/13	0.047								0.359	8.6	7.2	<MDL
10/31/13	0.030									8.4	7.2	<MDL
Average	0.027	18	9	0.3	2.00	3	1.479	0.06	0.4	8.61	8	0.00
Maximum	0.108	21	16	0.4	2.00	4	2.465	0.1	0.5	9.50	9	0.00
Exceed.	0	0	0	0	0	0	0	0	0			