



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

July 11, 2013

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

**Re: MSD Metro Operations
North Hunting Creek WQTC; KPDES No.: KY 0029106
Discharge Monitoring Reports for June 2013.**

Dear Ms. Edwards:

Attached is the Discharge Monitoring Reports (DMRs) and the Monthly Operator Report (MOR) for the North Hunting Creek WQTC; KPDES No.: KY0029106 for the month of June 2013.

There were no exceedences, overflows or bypasses to report 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 that appears to read "Kevin Thompson".

Kevin Thompson
Process Supervisor, East Region

KT/North Hunting Creek 06/13.

Enclosures

cc: T. Singleton
R. Shaw



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

DMR Copy of Record

Permit			
Permit #:	KY0029106	Permittee:	HUNTING CREEK N WQTC MSD
Major:	No	Permittee Address:	7300 SHADWELL LN PROSPECT, KY 40059
Permitted Feature:	001 External Outfall	Discharge:	001-1 MUNICIPAL DISCHARGE
Facility:		Facility Location:	HUNTING CREEK N WQTC MSD 7300 SHADWELL LN PROSPECT, KY 40059

Report Dates & Status			
Monitoring Period:	From 06/01/13 to 06/30/13	DMR Due Date:	07/28/13
Status:	NetDMR Validated		

Considerations for Form Completion
 TOTAL NITROGEN = TKN (AS N) AND NITRATE/NITRITE (AS N) - Parameter 00610 - Use Season 1 for summer months (May, June, July, August, September, and October) and Season 2 for winter months (November, December, January, February March, and April); enter NODI=9 for the Season not needed.

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						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					=	8			=	8		12 - SU	0	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 Gross	0	--	Sample	=	8	=	9		26 - lb/d		=	5	=	6		19 - mg/L	0	01/07 - Weekly	CP - COMPOS		
					Permit Req.	<=	90 30DA AVG	<=	135 DAILY MX		26 - lb/d		<=	30 30DA AVG	<=	45 DAILY MX		19 - mg/L		01/07 - Weekly	24 - COMP24		
					Value NODI																		
00600	Nitrogen, total	1 - Effluent Gross	0	--	Sample							=	24	=	30		19 - mg/L	0	01/07 - Weekly	CP - COMPOS			
					Permit Req.														19 - mg/L	01/07 - Weekly	CP - COMPOS		
					Value NODI																		
00610	Nitrogen, ammonia total (as N)	1 - Effluent Gross	1	--	Sample	=	0.62	=	0.7		26 - lb/d		=	0.4	=	0.5		19 - mg/L	0	01/07 - Weekly	CP - COMPOS		
					Permit Req.	<=	6 30DA AVG	<=	9 DAILY MX		26 - lb/d		<=	2 30DA AVG	<=	3 DAILY MX		19 - mg/L		01/07 - Weekly	24 - COMP24		
					Value NODI																		
00665	Phosphorus, total (as P)	1 - Effluent Gross	0	--	Sample							=	0.2	=	0.3		19 - mg/L	0	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 Gross	0	--	Sample	=	0.205	=	0.339		03 - MGD							0	99/99 - Continuous	CN - CONTIN			
					Permit Req.															03 - MGD	01/07 - Weekly	IN - INSTAN	
					Value NODI																		
50060	Chlorine, total residual	1 - Effluent Gross	0	--	Sample							<	0.01	<	0.01		19 - mg/L	0	01/01 - Daily	GR - GRAB			
					Permit Req.																19 - mg/L	01/07 - Weekly	GR - GRAB
					Value NODI																		
51040	E. coli	1 - Effluent Gross	0	--	Sample							=	2	=	3		13 - #/100mL	0	01/07 - Weekly	GR - GRAB			
					Permit Req.																13 - #/100mL	01/07 - Weekly	GR - GRAB
					Value NODI																		
80082	BOD, carbonaceous, 05 day, 20 C	1 - Effluent Gross	0	--	Sample	=	3.28	=	3.64		26 - lb/d		=	2	=	2		19 - mg/L	0	01/07 - Weekly	CP - COMPOS		
					Permit Req.	<=	30 30DA AVG	<=	45 DAILY MX		26 - lb/d		<=	10 30DA AVG	<=	15 DAILY MX		19 - mg/L		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
THOMPSON_0723081654_001.pdf	pdf	14010
THOMPSON_0723081708_001.pdf	pdf	7052

Report Last Saved By
 HUNTING CREEK N WQTC MSD

User: kevin.thompson@louisvillemsd.org

Date/Time:

2013-07-24 13:17 (Time Zone: -04:00)

Name: Kevin Thompson

E-Mail: kevin.thompson@louisvillemsd.org

Hunting Creek North

Hunting Cr. No.		Report for Jun-13				Tot. Exc.= 0 (Influent data below.)								
Tot. Flow= 6.13932		Concentrations				Pounds								
Date	Flow	TSS	BOD	NH3	Ecoli	TSS	BOD	NH3	T. Phos	Tot. N	D.O.	p.H.	TRC	
6/1/13	0.198											8	7.7	0.01
6/2/13	0.200											8.3	7.7	0.01
6/3/13	0.174	6	2	0.5		8.687	2.896	0.724	0.222	30.65		8.1	7.8	0.01
6/4/13	0.178				3							8.1	7.8	0.01
6/5/13	0.185											8	7.8	0.01
6/6/13	0.190											8.1	7.7	0.01
6/7/13	0.194											8.1	7.5	0.01
6/8/13	0.194											7.7	8.1	0.01
6/9/13	0.193											7.8	7.6	0.01
6/10/13	0.218	5	2	0.34		9.088	3.635	0.618	0.234	25.7		7.9	7.7	0.01
6/11/13	0.193				1							7.8	7.7	0.01
6/12/13	0.188											8	7.7	0.01
6/13/13	0.191											7.9	7.6	0.01
6/14/13	0.175											8	7.6	0.01
6/15/13	0.187											7.9	7.6	0.01
6/16/13	0.223											8	7.7	0.01
6/17/13	0.218	3	2	0.39		5.466	3.644	0.711	0.337	17.21		8	7.7	0.01
6/18/13	0.207				1							7.8	7.7	0.01
6/19/13	0.184											8	7.8	0.01
6/20/13	0.210											8	7.8	0.01
6/21/13	0.176											8	7.8	0.01
6/22/13	0.177											8	7.8	0.01
6/23/13	0.189											8	7.8	0.01
6/24/13	0.176	6	2	0.28		8.810	2.937	0.411	0.172	22.4		7.9	7.7	0.01
6/25/13	0.184				1							8.1	7.8	0.01
6/26/13	0.339											8	7.8	0.01
6/27/13	0.271											7.9	7.8	0.01
6/28/13	0.220											8	7.7	0.01
6/29/13	0.239											8.1	7.8	0.01
6/30/13	0.270											7.8	7.8	0.01
Average	0.205	5	2	0.4	1.32	8	3.278	0.62	0.2	23.99		7.98	8	0.01
Maximum	0.339	6	2	0.5	3.00	9	3.644	0.7	0.3	30.25		8.3	8	0.01
Exceed.	0	0	0	0	0	0	0	0	0	0				