



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

October 11, 2014

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 September 2014.**

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 September 2014.

There were no exceedances, overflow 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 cursive script that reads "Duane V. Wright".

Duane V. Wright
Process Supervisor, East Region

DVW/North Hunting Creek 09/14.

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 09/01/14 to 09/30/14	DMR Due Date:	10/28/14
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					=	7		=	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	=	12	=	19	26 - lb/d		=	7	=	10	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 [as N]	1 - Effluent Gross	0	--	Sample						=	26	=	28	19 - mg/L	0	01/07 - Weekly	CP - COMPOS					
					Permit Req.										Req Mon 30DA AVG		Req Mon DAILY MX	19 - mg/L	01/07 - Weekly	CP - COMPOS			
					Value NODI																		
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	1	--	Sample	=	0.3	=	0.5	26 - lb/d		=	0.2	=	0.2	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						=	0.4	=	0.5	19 - mg/L	0	01/07 - Weekly	CP - COMPOS					
					Permit Req.										<=		1 30DA AVG	<=	2 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	=	0.219	=	0.51	03 - MGD						0	99/99 - Continuous	CN - CONTIN					
					Permit Req.												Req Mon 30DA AVG	Req Mon INST MAX	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.											<=		.011 30DA AVG	<=	.019 DAILY MX	19 - mg/L	01/07 - Weekly	GR - GRAB
					Value NODI																		
51040	E. coli	1 - Effluent Gross	0	--	Sample							=	1	=	2	13 - #/100mL	0	01/07 - Weekly	GR - GRAB				
					Permit Req.											<=		130 30DA GEO	<=	240 7 DA GEO	13 - #/100mL	01/07 - Weekly	GR - GRAB
					Value NODI																		
80082	BOD, carbonaceous, 05 day, 20 C	1 - Effluent Gross	0	--	Sample	=	4	=	5	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
NHC092014_COVER.pdf	pdf	17614
201409_NorthHuntingCreek_MOR.pdf	pdf	10575

Report Last Saved By
HUNTING CREEK N WQTC MSD

User: kevin.thompson@louisvillemsd.org

Date/Time:

2014-10-17 09:29 (Time Zone: -04:00)

Name: Kevin Thompson

E-Mail: kevin.thompson@louisvillemsd.org

Hunting Creek North

Hunting Cr. No.		Report for Sep-14				Tot. Exc.= 0 (Influent data below.)										
Tot. Flow= 6.5845		Concentrations				Pounds										
Date	Flow	TSS	BOD	NH3	Ecoli	TSS	BOD	NH3	T. Phos	TSS Rem	Tot. N	BOD Rem	D.O.	p.H.	TRC	
9/1/14	0.258													7.9	7.3	0.01
9/2/14	0.320	5	2	0.17		13.358	5.343	0.454	0.246	0.986301	26.71	0.990196		7.9	7.3	0.01
9/3/14	0.271				1									8.2	7.5	0.01
9/4/14	0.239													8.2	7.5	0.01
9/5/14	0.228													8	7.4	0.01
9/6/14	0.251													7.5	7.3	0.01
9/7/14	0.232													8	7.4	0.01
9/8/14	0.168													8	7.4	0.01
9/9/14	0.172	2	2	0.17		2.864	2.864	0.243	0.541	0.995918	28.06	0.992126		7.9	7.3	0.01
9/10/14	0.203				2									8	7.3	0.01
9/11/14	0.203													7.8	7.2	0.01
9/12/14	0.510													7.6	7.3	0.01
9/13/14	0.160													8	7.4	0.01
9/14/14	0.157													7.8	7.5	0.01
9/15/14	0.201													7.8	7.5	0.01
9/16/14	0.228	10	2	0.056		19.015	3.803	0.106	0.339	0.977528	22.81	0.990783		7.7	7.3	0.01
9/17/14	0.218				1									7.7	7.3	0.01
9/18/14	0.215													7.7	7.3	0.01
9/19/14	0.193													7.8	7.2	0.01
9/20/14	0.193													7.7	7.3	0.01
9/21/14	0.199													7.8	7.2	0.01
9/22/14	0.178													7.8	7.2	0.01
9/23/14	0.176	9	2	0.22		13.218	2.937	0.323	0.537	0.966165	27.81	0.99115		7.8	7.2	0.01
9/24/14	0.188				1									8	7.3	0.01
9/25/14	0.214													8	7.3	0.01
9/26/14	0.199													8.2	7.3	0.01
9/27/14	0.194													8.2	7.3	0.01
9/28/14	0.212													7.9	7.4	0.01
9/29/14	0.204													8.1	7.4	0.01
9/30/14	0.200													8	7.4	0.01
Average	0.219	7	2	0.2	1.19	12	3.737	0.28	0.4	98%	26.3475	99%	7.90	7	7	0.01
Maximum	0.510	10	2	0.2	2.00	19	5.343	0.5	0.5		28.06		8.2	8	8	0.01
Exceed.	1	0	0	0	0	0	0	0	0	0	0	0	0			