



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

February 19, 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 January 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 January 2014.

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 reads "Kevin Thompson". The signature is written in a cursive style with a long horizontal stroke at the end.

Kevin Thompson  
Process Supervisor, East Region

KT/North Hunting Creek 01/14.

Enclosures

cc: T. Singleton  
R. Shaw



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

**DMR Copy of Record**

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

<b>Report Dates &amp; Status</b>			
<b>Monitoring Period:</b>	<b>From 01/01/14 to 01/31/14</b>	<b>DMR Due Date:</b>	<b>02/28/14</b>
<b>Status:</b>	<b>NetDMR Validated</b>		

**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.

<b>Principal Executive Officer</b>			
<b>First Name:</b>	Greg	<b>Title:</b>	Executive Director
<b>Last Name:</b>	Heitzman	<b>Telephone:</b>	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	=	17	=	27	26 - lb/d		=	8	=	13	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						=	20	=	23	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	2	--	Sample	=	0.38	=	0.7	26 - lb/d		=	0.2	=	0.3	19 - mg/L	0	01/07 - Weekly	CP - COMPOS										
					Permit Req.	<=	15 30DA AVG	<=	22.5 DAILY MX	26 - lb/d		<=	5 30DA AVG	<=	7.5 DAILY MX	19 - mg/L		01/07 - Weekly	24 - COMP24										
					Value NODI																								
00665	Phosphorus, total [as P]	1 - Effluent Gross	0	--	Sample						=	0.4	=	0.6	19 - mg/L	0	05/30 - 5 Times Every Month	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	=	0.288	=	0.502	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							=	4	=	7	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	=	5	=	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**

<b>Attachments</b>		
Name	Type	Size
201401_NorthHuntingCreek_MOR.pdf	pdf	9615
201401_NorthHuntingCreek_coverletter.pdf	pdf	16507

**Report Last Saved By**  
 HUNTING CREEK N WQTC MSD

User: kevin.thompson@louisvillemsd.org

Date/Time:

2014-02-24 08:28 (Time Zone: -05:00)

Name: Kevin Thompson

E-Mail: kevin.thompson@louisvillemsd.org

Hunting Creek North

Hunting Cr. No.		Report for Jan-14				Tot. Exc.= 0 (Influent data below.)								
Tot. Flow= 8.91421		Concentrations				Pounds								
Date	Flow	TSS	BOD	NH3	Ecoli	TSS	BOD	NH3	T. Phos	Tot. N	D.O.	p.H.	TRC	
1/1/14	0.271											8.5	7.5	0.01
1/2/14	0.286	3	2	0.28		7.158	4.772	0.668	0.623	22.9		8	7.3	0.01
1/3/14	0.271				6							8.4	7.3	0.01
1/4/14	0.258											8.4	7.3	0.01
1/5/14	0.329											8.3	7.4	0.01
1/6/14	0.341											8.3	7.3	0.01
1/7/14	0.311											8.3	7.4	0.01
1/8/14	0.286											8.3	7.4	0.01
1/9/14	0.259	8	2	0.22		17.266	4.317	0.475	0.325	20.61		8.3	7.4	0.01
1/10/14	0.249				7							8.5	7.5	0.01
1/11/14	0.502											8.4	7.2	0.01
1/12/14	0.362											9	7.6	0.01
1/13/14	0.362											8.5	7.6	0.01
1/14/14	0.354											8.5	7.6	0.01
1/15/14	0.318											8.5	7.6	0.01
1/16/14	0.296	6	2	0.11		14.811	4.937	0.272	0.249	18.31		8.5	7.6	0.01
1/17/14	0.284				1							8.6	7.6	0.01
1/18/14	0.284											8.6	7.6	0.01
1/19/14	0.279											8.6	7.6	0.01
1/20/14	0.273											8.4	7.6	0.01
1/21/14	0.251											8.3	7.4	0.01
1/22/14	0.262											8.3	7.4	0.01
1/23/14	0.250	13	2	0.06	1	27.120	4.172	0.125	0.508	19.81		8.5	7.5	0.01
1/24/14	0.251											8.5	7.5	0.01
1/25/14	0.266											8.6	7.4	0.01
1/26/14	0.258											8.3	7.5	0.01
1/27/14	0.243											8.3	7.5	0.01
1/28/14	0.246											8.5	7.5	0.01
1/29/14	0.246								0.262			8.5	7.5	0.01
1/30/14	0.241											8.5	7.5	0.01
1/31/14	0.227											8.300	7.600	0.010
Average	0.288	8	2	0.2	2.55	17	4.550	0.38	0.4	20.4		8.44	7	0.01
Maximum	0.502	13	2	0.3	7.00	27	4.937	0.7	0.6	22.9		9	8	0.01
Exceed.	3	0	0	0	0	0	0	0	0					