



Louisville and Jefferson County Metropolitan Sewer District  
700 West Liberty Street  
Louisville Kentucky 40203-1911  
502-540-6000  
[www.msdlouky.org](http://www.msdlouky.org)

March 20, 2015

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 February 2015.**

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 February 2015.

There were no exceedances, bypasses or overflows to report for this month.

If you have any questions concerning the attached DMRs, please contact me at (502)587-5856.

Sincerely,

Duane V. Wright  
Process Supervisor, East Region

DVW/North Hunting Creek 02/15.

Enclosures

cc: T. Singleton  
R. Shaw



Beneficial Use of Louisville's Biosolids  
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# 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 (JEFFERSON,KY), KY 40059

<b>Report Dates &amp; Status</b>			
<b>Monitoring Period:</b>	<b>From 02/01/15 to 02/28/15</b>	<b>DMR Due Date:</b>	<b>03/28/15</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>	Exec. Dir.
<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		=	7		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	=	20	=	32		26 - lb/d	=	11	=	17		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					=	27		=	32		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	=	0.6	=	0.8		26 - lb/d	=	0.3	=	0.4		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					=	0.3		=	0.4		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	=	0.205	=	0.281		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							=	2	=	11		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	=	6		26 - lb/d	=	3	=	3		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
NHC022015_COVER.pdf	pdf	29133
NHC022015_MOR.pdf	pdf	25974

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

User: kevin.ries@louisvillemsd.org

Date/Time:

2015-03-24 10:04 (Time Zone: -04:00)

Name: Kevin Ries

E-Mail: kevin.ries@louisvillemsd.org

Hunting Creek North

Hunting Cr. No.		Report for <b>Feb-15</b>				Tot. Exc.= 0 (Influent data below.)											
Tot. Flow= 5.74604		Concentrations				Pounds											
Date	Flow	TSS	BOD	NH3	Ecoli	TSS	BOD	NH3	T. Phos	TSS Rem	Tot. N	BOD Rem	D.O.	p.H.	TRC		
2/1/15	0.245	13	2	0.28		26.516	4.079	0.571	0.286	0.938679	26.13	0.990099		7.8	7.3	0.01	
2/2/15	0.226				1									7.8	7.3	0.01	
2/3/15	0.205													7.8	7.3	0.01	
2/4/15	0.213													8.1	7.2	0.01	
2/5/15	0.198													8.1	7.2	0.01	
2/6/15	0.199													8	7.3	0.01	
2/7/15	0.215													7.9	7.2	0.01	
2/8/15	0.206													8	7.1	0.01	
2/9/15	0.191	7	2	0.36		11.145	3.184	0.573	0.366	0.980114	27.49	0.988701		8	7.1	0.01	
2/10/15	0.177				1									8	7.1	0.01	
2/11/15	0.180													8.2	7.2	0.01	
2/12/15	0.180													8.2	7.2	0.01	
2/13/15	0.181													8.2	7.2	0.01	
2/14/15	0.196													8.3	7.1	0.01	
2/15/15	0.196													8.2	7.2	0.01	
2/16/15	0.190	7	3	0.28		11.082	4.749	0.443	0.387	0.897059	31.58	0.96		8.2	7.2	0.01	
2/17/15	0.183				1									8.2	7.2	0.01	
2/18/15	0.187													8.5	7.1	0.01	
2/19/15	0.217													8.5	7.1	0.01	
2/20/15	0.227													8.5	7.1	0.01	
2/21/15	0.281													8.3	7.2	0.01	
2/22/15	0.229													8.2	7	0.01	
2/23/15	0.223	17	3	0.42		31.662	5.587	0.782	0.254	0.922727	20.89	0.974359		7.9	7.2	0.01	
2/24/15	0.221				11									8.1	7.1	0.01	
2/25/15	0.205													8.1	7.1	0.01	
2/26/15	0.198													8.1	7.1	0.01	
2/27/15	0.189													8.4	7.2	0.01	
2/28/15	0.188													8.5	7.1	0.01	
3/1/15																	
3/2/15																	
3/3/15																	
Average	0.205	11	3	0.3	1.82	20	4.400	0.59	0.3	95%	26.5225	98%		8.15	7	0.01	
Maximum	0.281	17	3	0.4	11.00	32	5.587	0.8	0.4		31.58			8.5	7	0.01	
Exceed.	0	0	0	0	0	0	0	0	0	0	0	0					