



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

June 19, 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 May 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 May 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, appearing to read "Kevin Thompson", is written over a light-colored background.

Kevin Thompson  
Process Supervisor, East Region

KT/North Hunting Creek 05/13.

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, KY 40059

<b>Report Dates &amp; Status</b>			
<b>Monitoring Period:</b>	<b>From 05/01/13 to 05/31/13</b>	<b>DMR Due Date:</b>	<b>06/28/13</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	0	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	0	01/07 - Weekly	GR - GRAB				
					Value NODI																			
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample	=	13	=	20		26 - lb/d		=	9	=	15		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	0	01/07 - Weekly	24 - COMP24			
					Value NODI																			
00600	Nitrogen, total	1 - Effluent Gross	0	--	Sample					=	31		=	40		19 - mg/L	0	01/07 - Weekly	CP - COMPOS					
					Permit Req.										Req Mon 30DA AVG		Req Mon DAILY MX		19 - mg/L	0	01/07 - Weekly	CP - COMPOS		
					Value NODI																			
00610	Nitrogen, ammonia total (as N)	1 - Effluent Gross	1	--	Sample	=	0.6	=	0.8		26 - lb/d		=	0.4	=	0.6		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	0	01/07 - Weekly	24 - COMP24			
					Value NODI																			
00665	Phosphorus, total (as P)	1 - Effluent Gross	0	--	Sample					=	0.3		=	0.9		19 - mg/L	0	05/30 - 5 Times Every Month	CP - COMPOS					
					Permit Req.										<=	1 30DA AVG	<=	2 DAILY MX		19 - mg/L	0	01/07 - Weekly	CP - COMPOS	
					Value NODI																			
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	0.192	=	0.337		03 - MGD							99/99 - Continuous	CN - CONTIN					
					Permit Req.																0	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	0	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	0	01/07 - Weekly	GR - GRAB
					Value NODI																			
80082	BOD, carbonaceous, 05 day, 20 C	1 - Effluent Gross	0	--	Sample	=	3	=	4		26 - lb/d		=	2	=	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	0	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
THOMPSON_0625080201_001.pdf	pdf	19478

**Report Last Saved By**  
**HUNTING CREEK N WQTC MSD**  
 User: kevin.thompson@louisvillemsd.org | Date/Time: 2013-06-27 12:48 (Time Zone: -04:00)

Name: Kevin Thompson

E-Mail: kevin.thompson@louisvillemsd.org

Hunting Creek North

Hunting Cr. No.		Report for May-13				Tot. Exc.= 0 (Influent data below.)								
Tot. Flow= 5.94979		Concentrations				Pounds								
Date	Flow	TSS	BOD	NH3	Ecoli	TSS	BOD	NH3	T. Phos	Tot. N	D.O.	p.H.	TRC	
5/1/13	0.164											8.6	7.6	0.01
5/2/13	0.174	11	3	0.34		15.982	4.359	0.494	0.191	32.41		7.8	7.4	0.01
5/3/13	0.172				1							8.5	8.1	0.01
5/4/13	0.182											8.7	8.2	0.01
5/5/13	0.337											8.7	7.8	0.01
5/6/13	0.240											8.7	7.6	0.01
5/7/13	0.226											8.6	7.6	0.01
5/8/13	0.200											8.3	7.6	0.01
5/9/13	0.183	5	2	0.45		7.629	3.052	0.687	0.100	26.11		8.3	7.5	0.01
5/10/13	0.272				1							8.1	7.5	0.01
5/11/13	0.274											8	7.5	0.01
5/12/13	0.220											8.5	7.5	0.01
5/13/13	0.206											8.4	7.5	0.01
5/14/13	0.228											8.1	7.6	0.01
5/15/13	0.188											8.1	7.6	0.01
5/16/13	0.196	6	2	0.22		9.790	3.263	0.359	0.862	39.51		8.3	7.6	0.01
5/17/13	0.168				1							8.5	7.5	0.01
5/18/13	0.168											8.7	7.3	0.01
5/19/13	0.167											8	8.4	0.01
5/20/13	0.156											8	7.3	0.01
5/21/13	0.163											8.1	7.3	0.01
5/22/13	0.163											8	7.4	0.01
5/23/13	0.161	15	2	0.56		20.171	2.689	0.753	0.312	25.61		7.7	8.3	0.01
5/24/13	0.135				2							7.9	8.2	0.01
5/25/13	0.146											8	8.1	0.01
5/26/13	0.146											7.9	8	0.01
5/27/13	0.163											8	8	0.01
5/28/13	0.190								0.192			8.1	8	0.01
5/29/13	0.178											7.6	8.3	0.01
5/30/13	0.183											7.8	8.2	0.01
5/31/13	0.202											8.000	8.100	0.010
Average	0.192	9	2	0.4	1.19	13	3.341	0.57	0.3	30.91		8.19	8	0.01
Maximum	0.337	15	3	0.6	2.00	20	4.359	0.8	0.9	39.51		8.7	8	0.01
Exceed.	0	0	0	0	0	0	0	0	0	0				
DailyMX		0	0	0	0	0	0	0	0	0				
MoAVG		0	0	0	0	0	0	0	0	0				
Minimum	0.13511 MIN		MAX									7.60	7.30	0.01