



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)

December 15, 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 November 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 November 2014.

Also attached is a discharge report.

There were no exceedances 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 11/14.

Enclosures

cc: T. Singleton  
R. Shaw



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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 11/01/14 to 11/30/14</b>	<b>DMR Due Date:</b>	<b>12/28/14</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>	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					=	7					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	=	11	=	20	26 - lb/d		=	6	=	12	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						=	29	=	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	=	0.5	=	0.8	26 - lb/d		=	0.3	=	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	=	0.5	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	=	0.213	=	0.293	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	=	8	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	=	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
201411_NHCWQTC_OverflowReport.pdf	pdf	71601
NHC112014_COVER.pdf	pdf	17346
NHC112014_MOR.pdf	pdf	26566

**Report Last Saved By**

**HUNTING CREEK N WQTC MSD**

User: kevin.ries@louisvillemisd.org

Date/Time:

2014-12-17 10:32 (Time Zone: -05:00)

Name: Kevin Ries

E-Mail: kevin.ries@louisvillemisd.org

Hunting Creek North

Hunting Cr. No.		Report for <b>Nov-14</b>				Tot. Exc.= 0		#DIV/0!								
Tot. Flow= 6.38334		Concentrations			Pounds											
Date	Flow	TSS	BOD	NH3	Ecoli	TSS	BOD	NH3	T. Phos	TSS Rem	Tot. N	BOD Rem	D.O.	p.H.	TRC	
11/1/14	0.215													7.6	7.4	0.01
11/2/14	0.216													7.5	7.3	0.01
11/3/14	0.199	12	2	0.28		19.882	3.314	0.464	0.442	0.9625	25.61	0.990654		8	7.4	0.01
11/4/14	0.207				8									7.8	7.4	0.01
11/5/14	0.208													7.5	6.8	0.01
11/6/14	0.206													7.2	6.9	0.01
11/7/14	0.179													7.5	6.8	0.01
11/8/14	0.195													7.7	6.8	0.01
11/9/14	0.206													7.6	6.9	0.01
11/10/14	0.204	2	2	0.22		3.408	3.408	0.375	0.188	0.993333	31.61	0.991701		8.6	6.9	0.01
11/11/14	0.199				2									8.4	6.8	0.01
11/12/14	0.189													8.6	6.9	0.01
11/13/14	0.192													8.8	6.9	0.01
11/14/14	0.177													8.6	7	0.01
11/15/14	0.199													8.5	7.2	0.01
11/16/14	0.206													8.3	7.1	0.01
11/17/14	0.216													8	7	0.01
11/18/14	0.204	10	3	0.28	1	17.008	5.102	0.476	0.523	#DIV/0!	27.97	#DIV/0!		8	7	0.01
11/19/14	0.206													8.2	7	0.01
11/20/14	0.211													8.4	7.1	0.01
11/21/14	0.199													8.6	7.1	0.01
11/22/14	0.222													8.5	7	0.01
11/23/14	0.282													8.4	7.1	0.01
11/24/14	0.293	1	2	0.34		2.446	4.892	0.832	0.331	0.99537	29.77	0.986111		8.2	7.2	0.01
11/25/14	0.200				1									8.3	7.1	0.01
11/26/14	0.195													8.6	7.1	0.01
11/27/14	0.248													8.2	7	0.01
11/28/14	0.228													8	7.1	0.01
11/29/14	0.235													8.4	7.1	0.01
11/30/14	0.245													8	7.1	0.01
12/1/14																
Average	0.213	6	2	0.3	2.00	11	4.179	0.54	0.4	98%	28.74	99%	8.13	7	0.01	
Maximum	0.293	12	3	0.3	8.00	20	5.102	0.8	0.5		31.61		8.8	7	0.01	
Exceed.	0	0	0	0	0	0	0	0	0	0	0	0				



Report Selections: Period: 11/01/2014 00:00 thru 11/30/2014 23:59, treatment Plant: MSD0291 HUNTING CREEK NORTH, Excluding PPI Excluding CSO Excluding LAT, Result: WUS, Act Code: DISDW, DISREV

KPDES #	Facility ID	Water Quality Treatment Center	Receiving Stream of Treatment Center	Region
KY0029106	MSD0291	HUNTING CREEK NORTH	HARRODS CREEK	EAST

Facility Type	Facility ID	Facility Address	If Pump Station, Name of Pump Station:	Receiving Stream	Discharge to
SMN Sewer Main	73515N-V	6918 WYTHE HILL CIR		HUNTING CREEK	DITCH

Activity Code / Description	WO #	Ref No	Initiated	Initiated By	Assigned To	Disch Status	Event Date	Problem	Result	Completed	Condition
DISREV:RAIN EVENT DISCHARGE	2269010		11/25/14 3:30 pm	DAVIS	CRAFT	REPAIRED - ISSUE RESOLVED	11/26/2014	STRUCTURAL FAILURE	UNAUTHORIZED DISCHAGE - WATERS	11/26/14 04:36 PM	MAIN

**Discharge Reporting:**

Discharge Amount:	775 GAL
Cause:	MSD contractor damaged while directional drilling.
Clean Up:	MSD contractor to clean and sanitize affected.
Control Zone:	Temporary signs placed around impacted area.
Impact:	sewage
Repair:	MSD contractor to repair force main.
Public Notification:	Temporary signs placed around impacted area.

**Notifications:**

11/26/14 1:00 am	DISNOT	Email notification of unauthorized discharge sent to 'DischargeNotices@louisvillemsd.org, Sayre.Dennis@epamail.epa.gov'
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Total Facilities Printed: 1

Total Work Orders Printed: 1