



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

May 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 April 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 April 2014.

There were no exceedences or bypasses to report for this month.

Also attached is an overflow report.

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".

Kevin Thompson
Process Supervisor, East Region

KT/North Hunting Creek 04/14.

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 04/01/14 to 04/30/14	DMR Due Date:	05/28/14
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					=	7					19 - mg/L	0	28/30 - 28 Per Month	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	28/30 - 28 Per Month	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	=	22	=	31	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	=	26	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		=	0.2	=	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						=	0.3	=	0.3	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	=	0.393	=	1.093	03 - MGD							0	99/99 - Continuous	CN - CONTIN								
					Permit Req.															Req Mon 30DA AVG	Req Mon INST MAX	03 - MGD					
					Value NODI																						
50060	Chlorine, total residual	1 - Effluent Gross	0	--	Sample							<	0.01	<	0.01	19 - mg/L	0	28/30 - 28 Per Month	GR - GRAB								
					Permit Req.																	<=	.011 30DA AVG	<=	.019 DAILY MX	19 - mg/L	
					Value NODI																						
51040	E. coli	1 - Effluent Gross	0	--	Sample							=	1	=	1	13 - #/100mL	0	01/07 - Weekly	GR - GRAB								
					Permit Req.																		<=	130 30DA GEO	<=	240 7 DA GEO	13 - #/100mL
					Value NODI																						
80082	BOD, carbonaceous, 05 day, 20 C	1 - Effluent Gross	0	--	Sample	=	6	=	7	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
201404NorthHuntingCreek_overflow_.pdf	pdf	20354
201404NorthHuntingCreek_coverletter_.pdf	pdf	16861
201404NorthHuntingCreek_MOR_.pdf	pdf	9259

Report Last Saved By

HUNTING CREEK N WQTC MSD

User: kevin.thompson@louisvillemsd.org

Date/Time:

2014-05-22 07:38 (Time Zone: -04:00)

Name: Kevin Thompson

E-Mail: kevin.thompson@louisvillemsd.org

Hunting Creek North

Hunting Cr. No.		Report for		Apr-14		Tot. Exc.=		0 (Influent data below.)						
Tot. Flow= 11.79305		Concentrations					Pounds							
Date	Flow	TSS	BOD	NH3	Ecoli	TSS	BOD	NH3	T. Phos	Tot. N	D.O.	p.H.	TRC	
4/1/14	0.278											7.9	7.5	0.01
4/2/14	0.286	13	2	0.34		31.014	4.771	0.811	0.331	20.61		8	7.4	0.01
4/3/14	0.644				1							8	7.4	0.01
4/4/14	1.093													
4/5/14	0.491													
4/6/14	0.441											7.8	7.4	0.01
4/7/14	0.599											7.8	7.4	0.01
4/8/14	0.519											8	7.4	0.01
4/9/14	0.432	7	2	0.14		25.199	7.200	0.504	0.327	13.71		8	7.4	0.01
4/10/14	0.381				1							8	7.4	0.01
4/11/14	0.344											8.1	7.5	0.01
4/12/14	0.324											8.1	7.5	0.01
4/13/14	0.330											8.1	7.5	0.01
4/14/14	0.357											7.8	7.4	0.01
4/15/14	0.436											8	7.4	0.01
4/16/14	0.342	6	2	0.14		17.132	5.711	0.400	0.100	19.11		8	7.4	0.01
4/17/14	0.336				1							7.8	7.3	0.01
4/18/14	0.300											7.2	7.3	0.01
4/19/14	0.299											7.6	7.4	0.01
4/20/14	0.299											8	7.4	0.01
4/21/14	0.284											8	7.4	0.01
4/22/14	0.269											8	7.4	0.01
4/23/14	0.261	6	2	0.11		13.068	4.356	0.240	0.294	25.51		7.9	7.5	0.01
4/24/14	0.263				1							7.9	7.5	0.01
4/25/14	0.260											7.9	7.5	0.01
4/26/14	0.253											8	7.4	0.01
4/27/14	0.282											8.1	7.5	0.01
4/28/14	0.541											8.1	7.5	0.01
4/29/14	0.450											8.3	7.3	0.01
4/30/14	0.397								0.228			8.3	7.3	0.01
Average	0.393	8	2	0.2	1.00	22	5.509	0.49	0.3	19.74		7.95	7	0.01
Maximum	1.093	13	2	0.3	1.00	31	7.200	0.8	0.3	25.51		8.3	8	0.01
Exceed.	12	0	0	0	0	0	0	0	0					



Report Selections: Period: 04/01/2014 00:00 thru 04/30/2014 23:59, 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	66761D-AG	6701 GUNPOWDER LN		HARRODS CREEK	GROUND

Activity Code / Description	WO #	Ref No	Initiated	Initiated By	Assigned To	Disch Status	Event Date	Problem	Result	Completed	Condition
DISREV:RAIN EVENT DISCHARGE	2142163		4/5/14 9:55 am	MARKS JR	OPS BSHIFT EAST	REPAIRED - ISSUE RESOLVED	04/05/2014	STRUCTURAL FAILURE	UNAUTHORIZED DISCHARGE - WATERS	04/05/14 02:30 PM	

Discharge Reporting:

Discharge Amount:	5,500 GAL
Cause:	structural failure of forcemain
Clean Up:	msd cleaned and sanitized area
Control Zone:	temporary signs posted
Impact:	sewage observed
Repair:	hauling station untill contractor makes reapiers . REPAIRS COMPLETED
Public Notification:	customer servcie notifiedand signs posted

Notifications:

4/5/14 1:01 am	DISNOT	Email notification of unauthorized discharge sent to 'DischargeNotices@louisvillemsd.org, Sayre.Dennis@epamail.epa.gov'
4/5/14 1:01 am	DISSNO	Supplemental Email notification of unauthorized discharge has been sent to 'DischargeNotices@louisvillemsd.org, Sayre.Dennis@epamail.epa.gov'