



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

April 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 March 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 March 2015.

Also attached are discharge reports.

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 03/15.

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 (JEFFERSON,KY), KY 40059

Report Dates & Status			
Monitoring Period:	From 03/01/15 to 03/31/15	DMR Due Date:	04/28/15
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:	Exec. Dir
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					=	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	=	17	=	34		26 - lb/d	=	6	=	9		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					=	14		=	18		19 - mg/L	0	01/07 - Weekly	CP - COMPOS			
					Permit Req.													19 - mg/L	01/07 - Weekly	CP - COMPOS		
					Value NODI																	
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	2	--	Sample	=	0.8	=	1.3		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					=	0.2		=	0.4		19 - mg/L	0	01/07 - Weekly	CP - COMPOS			
					Permit Req.													19 - mg/L	01/07 - Weekly	CP - COMPOS		
					Value NODI																	
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	0.307	=	0.492		03 - MGD						0	99/99 - Continuous	CN - CONTIN			
					Permit Req.														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.															19 - mg/L	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.															13 - #/100mL	01/07 - Weekly	GR - GRAB
					Value NODI																	
80082	BOD, carbonaceous, 05 day, 20 C	1 - Effluent Gross	0	--	Sample	=	8	=	11		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

Attachments		
Name	Type	Size
20153_HuntingCreekNorth_OverflowReport.pdf	pdf	73814
NHC032015_COVER.pdf	pdf	29646
NHC032015_MOR.pdf	pdf	26893

Report Last Saved By

HUNTING CREEK N WQTC MSD

User: kevin.ries@louisvillemd.org

Date/Time:

2015-04-23 13:15 (Time Zone: -04:00)

Name: Kevin Ries

E-Mail: kevin.ries@louisvillemd.org

Hunting Creek North

Hunting Cr. No.		Report for Mar-15		Tot. Exc.= 0 (Influent data below.)		Concentrations			Pounds			T. Phos TSS Rem Tot. N BOD Rem D.O.			p.H. TRC	
Date	Flow	TSS	BOD	NH3	Ecoli	TSS	BOD	NH3	T. Phos	TSS Rem	Tot. N	BOD Rem	D.O.	p.H.	TRC	
3/1/15	0.199	4	3	0.34		6.648	4.986	0.565	0.136	0.978261	12.62	0.980392	8.3	7.2	0.01	
3/2/15	0.193				1								8.3	7.2	0.01	
3/3/15	0.244												8.1	7.1	0.01	
3/4/15	0.492												8.1	7.1	0.01	
3/5/15	0.248												8.1	7.1	0.01	
3/6/15	0.255												8.1	7.1	0.01	
3/7/15	0.312												8.1	7.1	0.01	
3/8/15	0.305												8	7.2	0.01	
3/9/15	0.289	8	3	0.25		19.305	7.240	0.603	0.402	0.956522	18.45	0.973214	8	7.2	0.01	
3/10/15	0.400				1								8.2	7.2	0.01	
3/11/15	0.323												8.2	7.2	0.01	
3/12/15	0.262												8.1	7.1	0.01	
3/13/15	0.366												8.1	7.1	0.01	
3/14/15	0.402												7.5	7	0.01	
3/15/15	0.376												7.5	7	0.01	
3/16/15	0.459	9	3	0.34		34.460	11.487	1.302	0.289	0.871429	16.29	0.957143	7.5	7	0.01	
3/17/15	0.358				2								8.3	7.2	0.01	
3/18/15	0.328												8.3	7.2	0.01	
3/19/15	0.306												8	7.1	0.01	
3/20/15	0.347												7.9	7.2	0.01	
3/21/15	0.343												8	7.1	0.01	
3/22/15	0.303												7.8	7.2	0.01	
3/23/15	0.265	3	3	0.34		6.618	6.618	0.750	0.132	0.969388	10.28	0.971429	7.8	7.2	0.01	
3/24/15	0.271				1								7.8	7.2	0.01	
3/25/15	0.276												8	7.2	0.01	
3/26/15	0.304												8	7.2	0.01	
3/27/15	0.274												8	7.2	0.01	
3/28/15	0.254												8.1	7.1	0.01	
3/29/15	0.270												8	7.2	0.01	
3/30/15	0.241												8	7.2	0.01	
3/31/15	0.248												8.300	7.300	0.010	
Average	0.307	6	3	0.3	1.19	17	7.582	0.81	0.2	96%	14.41	97%	8.02	7	0.01	
Maximum	0.492	9	3	0.3	2.00	34	11.487	1.3	0.4		18.45		8.3	7	0.01	
Exceed.	7	0	0	0	0	0	0	0	0	0		0				

Report Selections: Period: 03/01/2015 00:00 thru 03/31/2015 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
SMH Sewer Manhole	66701	7300 SHADWELL LN		HUNTING CREEK	STREAM

Activity Code / Description	WO #	Ref No	Initiated	Initiated By	Assigned To	Disch Status	Event Date	Problem	Result	Completed	Condition
DISREV:RAIN EVENT DISCHARGE	2325460		3/14/15 2:25 pm	CUNNINGHAM	MADDEN SR	REPAIRED - ISSUE RESOLVED	03/17/2015	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHAGE - WATERS	03/15/15 02:58 PM	MAIN

Discharge Reporting:

Discharge Amount:	50 GAL
Cause:	LACK OF SYSTEM CAPACITY - RAIN
Clean Up:	MSD CREW WILL CLEAN AND LAY LIME
Control Zone:	TEMP SIGNS
Impact:	SEWAGE AND PAPER LOCATED ON GROUND AROUND MANHOLE
Repair:	NO REPAIRS NEEDED AT THIS TIME BY MSD
Public Notification:	ADVISED CUSTOMER ON SITE

Notifications:

3/15/15 1:00 am	DISNOT	Email notification of unauthorized discharge sent to 'DischargeNotices@louisvillemsd.org, Sayre.Dennis@epamail.epa.gov'
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Report Selections: Period: 03/01/2015 00:00 thru 03/31/2015 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
SLS Sewer Lift Station	MSD1206-PS	6100 MAYFAIR AVE	TRANSYLVANIA BEACH	OHIO RIVER	GROUND

Activity Code / Description	WO #	Ref No	Initiated	Initiated By	Assigned To	Disch Status	Event Date	Problem	Result	Completed	Condition
DISREV:RAIN EVENT DISCHARGE	2325633		3/16/15 6:00 am	SINGLETON	OPS BSHIFT EAST	BEYOND APPROVED DESIGN STORM	03/16/2015	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHAGE - WATERS	03/20/15 01:00 PM	

Discharge Reporting:

Discharge Amount:	9,999 GAL
Cause:	LACK OF SYSTEM CAPACITY DUE TO RAIN EVENT
Clean Up:	NO CLEANUP- STATION UNDERWATER
Control Zone:	NO CONTROL ZONE- DUE TO FLOODING WAS UNABLE TO ACCESS STATION
Impact:	NO IMPACT OBSERVED- STATION UNDERWATER
Repair:	SITE FOUND DURING RAIN EVENT RECON- WILL MONITOR & EVALUATE FOR REPAIR
Public Notification:	ROADS CLOSED AROUND THE AREA

Notifications:

3/16/15 1:00 pm	DISNOT	Email notification of unauthorized discharge sent to 'DischargeNotices@louisvillemSD.org, Sayre.Dennis@epamail.epa.gov'
3/16/15 1:00 am	DISSNO	Supplemental Email notification of unauthorized discharge has been sent to 'DischargeNotices@louisvillemSD.org, Sayre.Dennis@epamail.epa.gov'

Total Facilities Printed: 2

Total Work Orders Printed: 2