



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

July 9, 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 June 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 June 2015.

There were no exceedances, bypasses or discharges 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 06/15.

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, KY 40059

Report Dates & Status			
Monitoring Period:	From 06/01/15 to 06/30/15	DMR Due Date:	07/28/15
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					=	7					19 - mg/L	0	29/30 - 29 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	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	=	22	=	32	26 - lb/d		=	10	=	14	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						=	13	=	25	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	1	--	Sample	=	1	=	2	26 - lb/d		=	0.6	=	0.8	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		01/07 - Weekly	24 - COMP24										
					Value NODI																								
00665	Phosphorus, total [as P]	1 - Effluent Gross	0	--	Sample						=	0.4	=	0.6	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	=	0.312	=	0.617	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							=	6	=	32	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 [5 day, 20 C]	1 - Effluent Gross	0	--	Sample	=	10	=	18	26 - lb/d		=	4	=	8	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
NHC062015_COVER.pdf	pdf	46600
NHC062015_MOR.pdf	pdf	26540

Report Last Saved By
 HUNTING CREEK N WQTC MSD

User: kevin.thompson@louisvillemsd.org

Date/Time:

2015-07-24 11:33 (Time Zone: -04:00)

Name: Kevin Thompson

E-Mail: kevin.thompson@louisvillemsd.org

Hunting Creek North

Hunting Cr. No.		Report for Jun-15				Tot. Exc.= 0 (Influent data below.)											
Tot. Flow= 9.34697		Concentrations				Pounds											
Date	Flow	TSS	BOD	NH3	Ecoli	TSS	BOD	NH3	T. Phos	TSS Rem	Tot. N	BOD Rem	D.O.	p.H.	TRC		
6/1/15	0.275	14	8	0.48		32.070	18.326	1.100	0.467	0.881356	24.66	0.929204	7.8	7.3	0.01		
6/2/15	0.272				1								7.7	7.2	0.01		
6/3/15	0.285												7.7	7.2	0.01		
6/4/15	0.270												7.7	7.2	0.01		
6/5/15	0.253												7.7	7.2	0.01		
6/6/15	0.246												7.6	7.2	0.01		
6/7/15	0.256												7.5	7.3	0.01		
6/8/15	0.276	8	3	0.56		18.440	6.915	1.291	0.223	0.962963	13.56	0.977444	7.7	7.2	0.01		
6/9/15	0.277				32								7.7	7.2	0.01		
6/10/15	0.235												7.7	7.2	0.01		
6/11/15	0.251												7.5	7.3	0.01		
6/12/15	0.249												7.6	7.2	0.01		
6/13/15	0.244												7	7.5	0.01		
6/14/15	0.249												7	7.2	0.01		
6/15/15	0.253	13	3	0.76		27.466	6.338	1.606	0.562	0.955479	3.84	0.985149	7	7.2	0.01		
6/16/15	0.237				29								7.2	7.3	0.01		
6/17/15	0.315												7.2	7.3	0.01		
6/18/15	0.320												7.2	7.3	0.01		
6/19/15	0.326												7.7	7.4	0.01		
6/20/15	0.485												7.7	7	0.01		
6/21/15	0.350												7.6	7.2	0.01		
6/22/15	0.336	3	3	0.42		8.407	8.407	1.177	0.445	0.973684	10.95	0.969072	7.6	7.2	0.01		
6/23/15	0.310				1								7.6	7.2	0.01		
6/24/15	0.289												7.7	7.1	0.01		
6/25/15	0.268												7.7	7.1	0.01		
6/26/15	0.479												7.5	7.1	0.01		
6/27/15	0.617													7.1	0.01		
6/28/15	0.418												7.7	7.3	0.01		
6/29/15	0.358												7.3	7.2	0.01		
6/30/15	0.349												7.5	7.3	0.01		
7/1/15																	
Average	0.312	10	4	0.6	5.52	22	9.997	1.29	0.4	95%	13.2525	97%	7.52	7	0.01		
Maximum	0.617	14	8	0.8	32.00	32	18.326	1.6	0.6		24.66		7.8	8	0.01		
Exceed.	5	0	0	0	0	0	0	0	0	0	0	0					