



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

November 19, 2014

Cheryl Edwards
DMR Coordinator
200 Fair Oaks Lane
Frankfort, Kentucky 40601

**Re: MSD Metro Operations
Hunting Creek South WQTC; KPDES No.: KY 0029114
Discharge Monitoring Report for October 2014**

Dear Ms. Edwards:

Attached are the Discharge Monitoring Reports (DMRs) and the Monthly Operator Report (MOR) for the Hunting Creek South WQTC; KPDES No.: KY0029114 for the month of October 2014

There were no exceedences, bypasses or overflows to report.

If you have any questions concerning the attached DMRs, please contact me at (502) 587-5832

Sincerely,

A handwritten signature in black ink, appearing to read "JK", is written over a horizontal dotted line.

John Kessel
Process Supervisor, West region

JK/Hunting Creek South 10/14

Enclosures

CC T. Singleton
R. Shaw
C.Roth



Beneficial Use of Louisville's Biosolids
www.louisvillegreen.com

DMR Copy of Record

Permit					
Permit #:	KY0029114	Permittee:	HUNTING CREEK S WQTC MSD	Facility:	HUNTING CREEK S WQTC MSD
Major:	No	Permittee Address:	6530 MONTERO DR PROSPECT, KY 40059	Facility Location:	6530 MONTERO DR PROSPECT, KY 40059
Permitted Feature:	001 External Outfall	Discharge:	001-1 MUNICIPAL DISCHARGE		

Report Dates & Status					
Monitoring Period:	From 10/01/14 to 10/31/14	DMR Due Date:	11/28/14	Status:	NetDMR Validated

Considerations for Form Completion

Principal Executive Officer					
First Name:	Greg	Title:	Exec Director	Telephone:	502-540-6000
Last Name:	Hetizman				

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 Gross0		--	Sample					=	8						19 - mg/L	01/01 - Daily	GR - GRAB			
					Permit Req.					>=	7 INST MIN								19 - mg/L	01/07 - Weekly	GR - GRAB	
					Value NODI																	
00400	pH	1 - Effluent Gross0		--	Sample					=	7				=	8		12 - SU	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 Gross0		--	Sample	=	7.09	=	14.85	26 - lb/d		=	6	=	9		19 - mg/L	01/07 - Weekly	CP - COMPOS			
					Permit Req.	<=	62.84 30DA AVG	<=	94.26 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 Gross0		--	Sample								21		29		19 - mg/L	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 Gross1		--	Sample	=	0.5	=	0.64	26 - lb/d		=	0.4	=	0.6		19 - mg/L	01/07 - Weekly	CP - COMPOS			
					Permit Req.	<=	4.19 30DA AVG	<=	6.28 DAILY MX	26 - lb/d		<=	2 30DA AVG	<=	3 DAILY MX		19 - mg/L	01/07 - Weekly	24 - COMP24			
					Value NODI																	
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross2		--	Sample												19 - mg/L	01/07 - Weekly	24 - COMP24			
					Permit Req.	<=	10.5 30DA AVG	<=	15.71 DAILY MX	26 - lb/d		<=	5 30DA AVG	<=	7.5 DAILY MX		19 - mg/L	01/07 - Weekly	24 - COMP24			
					Value NODI		9 - Conditional Monitoring - Not Required This Period		9 - Conditional Monitoring - Not Required This Period			9 - Conditional Monitoring - Not Required This Period		9 - Conditional Monitoring - Not Required This Period								
00665	Phosphorus, total [as P]	1 - Effluent Gross0		--	Sample								=	0.3	=	0.5		19 - mg/L	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 Gross0		--	Sample	=	0.153	=	0.336	03 - MGD									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 Gross0		--	Sample								<	0.01	<	0.01		19 - mg/L	01/01 - Daily	GR - GRAB		
					Permit Req.							<=	.011 30DA AVG	<=	.019 DAILY MX		19 - mg/L	01/07 - Weekly	GR - GRAB			
					Value NODI																	
					Sample								=	2	=	3		13 - #/100mL	01/07 - Weekly	GR - GRAB		
					Permit															13 -		

51040	E. coli	1 - Effluent Gross0	--	Req.						<=	130 30DA GEO	<=	240 7 DA GEO	#/100mL	0	01/07 - Weekly	GR - GRAB
				Value													
				NODI													
80082	BOD, carbonaceous, 05 day, 20 C	1 - Effluent Gross0	--	Sample	=	4	=	6.6	26 - lb/d	=	3	=	4	19 - mg/L	0	01/07 - Weekly	CP - COMPOS
				Permit Req.	<=	20.9 30DA AVG	<=	31.42 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

Attachments

Name	Type	Size
HuntingSouth_MOR_102014.pdf	pdf	12082
SouthHunting_cover_102014.pdf	pdf	16911

Report Last Saved By

HUNTING CREEK S WQTC MSD

User: wrightd	Date/Time: 2014-12-16 09:25 (Time Zone: -05:00)
Name: Duane Wright	
E-Mail: duane.wright@louisvillemsd.org	

Hunting Creek South

Hunting Cr. So.	Report for	Oct-14		Tot. Exc.=		0 (Influent data below.)						D.O.	
Tot. Flow= Date	Flow	TSS	Concentrations		ECOLI	TSS	BOD	Pounds			BOD Rem		
			BOD	NH3				NH3	Tot. Phos.	Tot. N	TSS Rem		
10/1/14	0.108												8.2
10/2/14	0.118	5	3	0.390		4.903	2.942	0.382	0.180	28.640	0.983974359	0.984375	8
10/3/14	0.134				1								8
10/4/14	0.124												8.2
10/5/14	0.121												8
10/6/14	0.140												8
10/7/14	0.156												8.2
10/8/14	0.155												8.2
10/9/14	0.130	6	3	0.560		6.504	3.252	0.607	0.240	22.780	0.975806452	0.983425414	8.2
10/10/14	0.175				2								8.3
10/11/14	0.185												8.2
10/12/14	0.163												8
10/13/14	0.194												8
10/14/14	0.336												8
10/15/14	0.243												8.3
10/16/14	0.198	9	4	0.390		14.848	6.599	0.643	0.251	13.310	0.972560976	0.973856209	8.2
10/17/14	0.169				2								8.2
10/18/14	0.167												8.2
10/19/14	0.156												8
10/20/14	0.157												8
10/21/14	0.143												8.5
10/22/14	0.133												8.5
10/23/14	0.127	2	3	0.340		2.124	3.186	0.361	0.460	18.950	0.996710526	0.988142292	8.2
10/24/14	0.127				3								8.5
10/25/14	0.146												8.3
10/26/14	0.134												8.5
10/27/14	0.126												8.5
10/28/14	0.119												8.1
10/29/14	0.115												8.1
10/30/14	0.112								0.281				8.1
10/31/14	0.128												8.200
Average	0.153	5.50	3.25	0.4	1.86	7	3.995	0.50	0.3	20.92	99%	98%	8.19
Maximum	0.336	9.00	4.00	0.56	3.00	15	6.599	0.6	0.5	28.64			8.500

Hunting Creek South

p.H.	TRC
7	0.01
7.1	0.01
7.1	0.01
7.2	0.01
7.3	0.01
7.3	0.01
7.2	0.01
7.2	0.01
7.2	0.01
7.1	0.01
7.2	0.01
7.3	0.01
7.3	0.01
7.3	0.01
7.1	0.01
7.2	0.01
7.2	0.01
7.7	0.01
7.6	0.01
7.6	0.01
7.5	0.01
7.5	0.01
7.5	0.01
7.5	0.01
7.4	0.01
7.5	0.01
7.5	0.01
7.4	0.01
7.4	0.01
7.4	0.01
7.4	0.01
<u>7.200</u>	<u>0.010</u>
7	0.01
8	0.010