



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

December 11, 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 November 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 November 2014

There were no exceedences, bypasses or overflow reports for the month of November.

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 "J. Kessel", is written over a white background.

John Kessel
Process Supervisor, West region

JK/Hunting Creek South 11/14

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 11/01/14 to 11/30/14	DMR Due Date:	12/28/14	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					=	7						19 - mg/L	01/01 - Daily	GR - GRAB						
					Permit Req.					>=	7 INST MIN								19 - mg/L	0	01/07 - Weekly	GR - GRAB			
					Value NODI																				
00400	pH	1 - Effluent Gross0		--	Sample					=	7				=	7			12 - SU	01/01 - Daily	GR - GRAB				
					Permit Req.					>=	6 MINIMUM				<=	9 MAXIMUM				12 - SU	0	01/07 - Weekly	GR - GRAB		
					Value NODI																				
00530	Solids, total suspended	1 - Effluent Gross0		--	Sample	=	5.86	=	12.8	26 - lb/d	=	5	=	11					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	0	01/07 - Weekly	24 - COMP24	
					Value NODI																				
00600	Nitrogen, total [as N]	1 - Effluent Gross0		--	Sample						=	27	=	32					19 - mg/L	01/07 - Weekly	CP - COMPOS				
					Permit Req.							Req Mon 30DA AVG		Req Mon DAILY MX							19 - mg/L	0	01/07 - Weekly	CP - COMPOS	
					Value NODI																				
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross1		--	Sample							=	27	=	32					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	0	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											
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross2		--	Sample	=	0.4	=	0.52	26 - lb/d	=	0.3	=	0.3					19 - mg/L	01/07 - Weekly	CP - COMPOS				
					Permit Req.	<=	10.5 30DA AVG	<=	15.71 DAILY MX	26 - lb/d	<=	5 30DA AVG	<=	7.5 DAILY MX							19 - mg/L	0	01/07 - Weekly	24 - COMP24	
					Value NODI																				
00665	Phosphorus, total [as P]	1 - Effluent Gross0		--	Sample						=	0.2	=	0.3					19 - mg/L	01/07 - Weekly	CP - COMPOS				
					Permit Req.						<=	1 30DA AVG	<=	2 DAILY MX							19 - mg/L	0	01/07 - Weekly	CP - COMPOS	
					Value NODI																				
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross0		--	Sample	=	0.14	=	0.225	03 - MGD											99/99 - Continuous	CN - CONTIN			
					Permit Req.		Req Mon 30DA AVG		Req Mon INST MAX	03 - MGD													0	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	0	01/07 - Weekly	GR - GRAB	
					Value NODI																				
					Sample						=	1	=	1					13 - #/100mL	01/07 - Weekly	GR - GRAB				
					Permit																	13 -			

Hunting Creek South

Hunting Cr. So.	Report for	Nov-14				Tot. Exc.=	0 (Influent data below.)					
		Concentrations		ECOLI	Pounds							
Tot. Flow=	TSS	BOD	NH3			TSS	BOD	NH3	Tot. Phos.	Tot. N	TSS Rem	BOD Rem
4.20296												
Date	Flow											
11/1/14	0.17899											
11/2/14	0.18846											
11/3/14	0.1395	11	2	0.340		12.798	2.327	0.396	0.284	24.610	0.925675676	0.985915493
11/4/14	0.1256				1							
11/5/14	0.12524											
11/6/14	0.12622											
11/7/14	0.10963											
11/8/14	0.12496											
11/9/14	0.12889											
11/10/14	0.1259	1	2	0.220		1.050	2.100	0.231	0.091	28.290	0.99375	0.988636364
11/11/14	0.12054				1							
11/12/14	0.11441											
11/13/14	0.11092											
11/14/14	0.10082											
11/15/14	0.12186											
11/16/14	0.13034											
11/17/14	0.15921											
11/18/14	0.13222	7	3	0.340		7.719	3.308	0.375	0.335	32.210	0.957317073	0.975
11/19/14	0.13061				1							
11/20/14	0.12276											
11/21/14	0.11505											
11/22/14	0.1296											
11/23/14	0.18692											
11/24/14	0.22469	1	2	0.280		1.874	3.748	0.525	0.268	21.110	0.991935484	0.98
11/25/14	0.16238				1							
11/26/14	0.1525											
11/27/14	0.16894											
11/28/14	0.14783											
11/29/14	0.14946											
11/30/14	0.14851											
Average	0.140	5.00	2.25	0.3	1.00	6	2.871	0.38	0.2	26.56	97%	98%
Maximum	0.225	11.00	3.00	0.34	1.00	13	3.748	0.5	0.3	32.21		
Exceed.	0	0	0	0	0	0	0	0	0		0	0

Hunting Creek South

D.O.	p.H.	TRC
7.4	7.2	0.01
7.5	7.3	0.01
8.6	6.8	0.01
8.2	6.9	0.01
8	6.8	0.01
7.6	6.8	0.01
8.3	6.8	0.01
8.1	6.8	0.01
8	7	0.01
8.4	6.8	0.01
8.2	7	0.01
8.5	7	0.01
8.7	7	0.01
8.4	7	0.01
8.6	7	0.01
8.3	7.2	0.01
8.5	7	0.01
8.8	7.2	0.01
9.4	6.7	0.01
9	6.8	0.01
8.8	6.8	0.01
8.9	6.9	0.01
9	6.8	0.01
8.8	6.7	0.01
9	6.6	0.01
8.7	6.6	0.01
8.2	6.7	0.01
8.5	6.8	0.01
8.8	6.8	0.01
8.5	6.7	0.01

8.46	7	0.01
9.400	7	0.010