



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

January 15, 2015

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 December 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 December 2014

There were no exceedences, bypasses reports for the month of December.

Also included are the overflow reports for the month of December.

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 "John Kessel", written over a white background.

John Kessel
Process Supervisor, West region

JK/Hunting Creek South 12/14

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 12/01/14 to 12/31/14	DMR Due Date:	01/28/15	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	0	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	0	01/07 - Weekly	GR - GRAB	
					Value NODI																		
00530	Solids, total suspended	1 - Effluent Gross0		--	Sample	=	8.91	=	10.92	26 - lb/d		=	6	=	7		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							=	18	=	21		19 - mg/L	01/07 - Weekly	CP - COMPOS				
					Permit Req.														19 - mg/L	0	01/07 - Weekly	CP - COMPOS	
					Value NODI																		
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross1		--	Sample							=	18	=	21		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	=	0.72	26 - lb/d		=	0.3	=	0.6		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							=	0.3	=	0.5		19 - mg/L	01/07 - Weekly	CP - COMPOS				
					Permit Req.														19 - mg/L	0	01/07 - Weekly	CP - COMPOS	
					Value NODI																		
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross0		--	Sample	=	0.182	=	0.443	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.															19 - mg/L	0	01/07 - Weekly	GR - GRAB
					Value NODI																		
					Sample							=	4	=	9		13 - #/100mL	01/07 - Weekly	GR - GRAB				
					Permit															13 -			

Hunting Creek South

Hunting Cr. So.	Report for	Dec-14 Concentrations				Tot. Exc.= 0		(Influent data below.)						D.O.	p.H.	TRC
Tot. Flow=	Flow	TSS	BOD	NH3	ECOLI	TSS	BOD	Pounds								
Date								NH3	Tot. Phos.	Tot N	TSS Rem	BOD Rem				
12/1/14	0.22901													8.1	6.9	0.01
12/2/14	0.18171	6	3	0.340		9.093	4.546	0.515	0.459	20.610	0.916666667	0.963414634		8.3	6.8	0.01
12/3/14	0.17838				4									8.3	6.8	0.01
12/4/14	0.18271													8	6.9	0.01
12/5/14	0.23352													8	6.9	0.01
12/6/14	0.44299													7.9	7	0.01
12/7/14	0.26017													8.1	7.2	0.01
12/8/14	0.20205													8.1	7.2	0.01
12/9/14	0.18702	7	3	0.280		10.918	4.679	0.437	0.222	14.710	0.943548387	0.975806452		8.3	7	0.01
12/10/14	0.16809				9									8.3	7	0.01
12/11/14	0.15096													8.3	7	0.01
12/12/14	0.13511													8.1	6.8	0.01
12/13/14	0.14895													8	6.9	0.01
12/14/14	0.14921													8.2	6.8	0.01
12/15/14	0.14502													8.2	6.8	0.01
12/16/14	0.17339	6	3	0.070		8.676	4.338	0.101	0.325	21.210	0.9625	0.979020979		8.2	6.8	0.01
12/17/14	0.13819				9									8.4	7	0.01
12/18/14	0.14837													8.6	7	0.01
12/19/14	0.14089													8.6	7	0.01
12/20/14	0.15338													8.3	7	0.01
12/21/14	0.14188													8.5	7.2	0.01
12/22/14	0.13893	6	2	0.620		6.952	2.317	0.718	0.316	16.510	0.977777778	0.99009901		8.3	7.2	0.01
12/23/14	0.15578				1									8.1	7.3	0.01
12/24/14	0.20025													8	7.2	0.01
12/25/14	0.20444													8.4	7.3	0.01
12/26/14	0.17421													8.4	7.3	0.01
12/27/14	0.18539													8	7.2	0.01
12/28/14	0.20864							0.194						8.4	7.5	0.01
12/29/14	0.17663													8.4	7.5	0.01
12/30/14	0.15711													8.4	7.5	0.01
12/31/14	0.156													8.500	7.300	0.010
Average	0.182	6.25	2.75	0.3	4.24	9	3.970	0.44	0.3	18.26	96%	98%		8.25	7	0.01
Maximum	0.443	7.00	3.00	0.62	9.00	11	4.679	0.7	0.5	21.21				8.600	8	0.010
Exceed.	2	0	0	0	0	0	0	0	0		0	0				



Report Selections: Period: 12/01/2014 00:00 thru 12/31/2014 23:59, treatment Plant: MSD0292 HUNTING CREEK SOUTH, 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
KY0029114	MSD0292	HUNTING CREEK SOUTH	HARRODS CREEK	EAST

Facility Type	Facility ID	Facility Address	If Pump Station, Name of Pump Station:	Receiving Stream	Discharge to
SLS Sewer Lift Station	MSD1065-PS	6808 FAIRWAY VIEW CT	FAIRWAY VIEW	HARRODS CREEK	DITCH

Activity Code / Description	WO #	Ref No	Initiated	Initiated By	Assigned To	Disch Status	Event Date	Problem	Result	Completed	Condition
DISDW: DRY WEATHER DISCHARGE	2271775		12/3/14 8:00 am	RHODES	BROOKS	DOCUMENTED	10/14/2002	UTILITY DAMAGED MSD ASSET	UNAUTHORIZED DISCHAGE - WATERS	12/03/14 08:40 AM	

Discharge Reporting:

Discharge Amount:	50 GAL
Cause:	MSD CONTRACTOR DAMAGED THE FORCE MAIN
Clean Up:	MSD CONTRACTOR CLEANED & SANITIZED THE AREA
Control Zone:	MSD PERSONNEL PLACED TEMP SIGN TO NOTIFY THE PUBLIC
Impact:	NO IMPACT OBSERVED BY MSD PERSONNEL
Repair:	MSD CONTRACTOR MADE REPAIR TO THE FORCE MAIN
Public Notification:	MSD PERSONNEL ADVISED PROPERTY OWNER BY PLACING DOOR CARDS

Notifications:

12/3/14 1:00 pm	DISNOT	Email notification of unauthorized discharge sent to 'DischargeNotices@louisvillemSD.org, Sayre.Dennis@epamail.epa.gov'
11/26/14 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: 1

Total Work Orders Printed: 1