



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

February 13, 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 January 2015**

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 January.

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

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

Sincerely,

John Kessel
Process Supervisor, West region

JK/Hunting Creek South 1/15

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

Report Dates & Status			
Monitoring Period:	From 01/01/15 to 01/31/15	DMR Due Date:	02/28/15
Status:	NetDMR Validated		

Considerations for Form Completion

Principal Executive Officer			
First Name:	Greg	Title:	Executive Director
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	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 Gross	0	--	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 Gross	0	--	Sample	=	7.86	=	12.66	26 - lb/d	=	7	=	10	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 Gross	0	--	Sample						=	23	=	28	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 Gross	1	--	Sample															
					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		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 Gross	2	--	Sample	=	0.4	=	0.43	26 - lb/d	=	0.3	=	0.5	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 Gross	0	--	Sample						=	0.2	=	0.3	19 - mg/L	05/30 - 5 Times Every Month	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 Gross	0	--	Sample	=	0.132	=	0.194	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 Gross	0	--	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															
		1 - Effluent			Sample						=	3	=	8	13 - #/100mL	01/07 - Weekly	GR - GRAB			
					Permit												13 -			

51040	E. coli	Gross	0	--	Req. Value NODI													<=	130	30DA GEO	<=	240	7 DA GEO	#/100mL	0	01/07 - Weekly	GR - GRAB
80082	BOD, carbonaceous, 05 day, 20 C	1 - Effluent Gross	0	--	Sample	=	3.4	=	4.26	26 - lb/d	=	3	=	3										19 - mg/L		01/07 - Weekly	CP - COMPOS
					Permit Req.	<=	20.9	30DA AVG	<=	31.42	DAILY MX	<=	10	30DA AVG										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_012015.pdf	pdf	27319
HuntingSouth_Cover_012015.pdf	pdf	16532

Report Last Saved By

HUNTING CREEK S WQTC MSD

User:	kevin.ries@louisvillemtd.org	Date/Time:	2015-02-23 11:15 (Time Zone: -05:00)
Name:	Kevin Ries		
E-Mail:	kevin.ries@louisvillemtd.org		

Hunting Creek South

Hunting Cr. So.		Report for	Jan-15			Tot. Exc.= 0 (Influent data below.)											
Tot. Flow=	4.10523		Concentrations			Pounds											
Date	Flow	TSS	BOD	NH3	ECOLI	TSS	BOD	NH3	Tot. Phos.	Tot. N	TSS Rem	BOD Rem	D.O.	p.H.	TRC		
1/1/15	0.17015	6	3	0.280		8.514	4.257	0.397	0.140	20.510	0.959459459	0.967741935	8.4	7.4	0.01		
1/2/15	0.154				8								8.4	7.4	0.01		
1/3/15	0.17925												8.3	7.3	0.01		
1/4/15	0.19431												8.4	7.4	0.01		
1/5/15	0.15057												8.4	7.4	0.01		
1/6/15	0.15331												8.5	7.2	0.01		
1/7/15	0.142												8.5	7.2	0.01		
1/8/15	0.15185	10	3	0.340		12.664	3.799	0.431	0.300	20.680	0.75	0.953125	8.4	7.3	0.01		
1/9/15	0.13754				5								8.4	7.3	0.01		
1/10/15	0.14065												8.4	7.4	0.01		
1/11/15	0.14743												8.4	7.4	0.01		
1/12/15	0.14842												8.3	7.4	0.01		
1/13/15	0.13348												8.5	7.4	0.01		
1/14/15	0.11674												8.5	7.4	0.01		
1/15/15	0.11821	4	3	0.280		3.943	2.958	0.276	0.138	23.410	0.964285714	0.973684211	8.4	7.3	0.01		
1/16/15	0.11144				1								8.2	7.2	0.01		
1/17/15	0.12204												8	7.4	0.01		
1/18/15	0.117												8.5	7.4	0.01		
1/19/15	0.11765												8.5	7.4	0.01		
1/20/15	0.10243												8.5	7.4	0.01		
1/21/15	0.11116												8.4	7.3	0.01		
1/22/15	0.10803	7	3	0.480		6.307	2.703	0.432	0.046	28.310	0.977564103	0.982758621	8.4	7.3	0.01		
1/23/15	0.11337				1								8.4	7.3	0.01		
1/24/15	0.11754												8.5	7.4	0.01		
1/25/15	0.13484												8.4	7.3	0.01		
1/26/15	0.12219												8.4	7.3	0.01		
1/27/15	0.12464												8.4	7.4	0.01		
1/28/15	0.11358												8.4	7.4	0.01		
1/29/15	0.119								0.224				8.4	7.4	0.01		
1/30/15	0.10469												8.4	7.4	0.01		
1/31/15	0.12772												8.300	7.200	0.010		
Average	0.132	6.75	3.00	0.3	2.51	8	3.429	0.38	0.2	23.23	96%	97%	8.40	7	0.01		
Maximum	0.194	10.00	3.00	0.48	8.00	13	4.257	0.4	0.3	28.31			8.500	7	0.010		
Exceed.	0	0	0	0	0	0	0	0	0		1	0					