



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

March 19, 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 February 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 February.

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

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", with a stylized, flowing script.

John Kessel
Process Supervisor, West region

JK/Hunting Creek South 2/15

Enclosures

CC T. Singleton
R. Shaw
C. Roth



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

DMR Copy of Record

Permit

Permit #:

KY0029114

Major:

No

Permittee:

HUNTING CREEK S WQTC MSD

Permittee Address:

6530 MONTERO DR
PROSPECT, KY 40059

Facility:

HUNTING CREEK S WQTC MSD

Facility Location:

6530 MONTERO DR
PROSPECT (JEFFERSON,KY), KY 40059

Permitted Feature:

001
External Outfall

Discharge:

001-1
MUNICIPAL DISCHARGE

Report Dates & Status

Monitoring Period:

From 02/01/15 to 02/28/15

DMR Due Date:

03/28/15

Status:

NetDMR Validated

Considerations for Form Completion

Principal Executive Officer

First Name:

Greg

Last Name:

Hetizman

Title:

Exec Director

Telephone:

502-540-6000

No Data Indicator (NODI)

Form NODI:

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Code	Parameter	Monitoring Location	Season #	Param. NODI		Quantity or Loading					Quality or Concentration							# of Ex.	Frequency of Analysis	Sample Type
	Name					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	0	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			=	7	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 Gross0		--	Sample	=	10.75	=	18.16	26 - lb/d			=	9	=	16	19 - mg/L	0	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								=	19	=	24	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 Gross1	--		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 Gross2	--		Sample	=	0.53	=	0.84	26 - lb/d			=	0.4	=	0.6	19 - mg/L	0	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		01/07 - Weekly	24 - COMP24
					Value NODI															
00665	Phosphorus, total [as P]	1 - Effluent Gross0		--	Sample								=	0.2	=	0.3	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 Gross0		--	Sample	=	0.152	=	0.237	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 Gross0		--	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															
					Sample								=	2	=	6	13 - #/100mL		01/07 - Weekly	GR - GRAB
					Permit												13 -			

51040	E. coli	1 - Effluent Gross	0	--	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 Gross	0	--	Sample	=	3.2	=	4.07	26 - lb/d				=	3	=	3	19 - mg/L					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
Hunting_South_MOR.pdf	pdf	33758
Hunting_South_Cover.pdf	pdf	47747

Report Last Saved By

HUNTING CREEK S WQTC MSD

User: kevin.ries@louisvillemsd.org

Name: Kevin Ries

E-Mail: kevin.ries@louisvillemsd.org

Date/Time:

2015-03-24 07:06 (Time Zone: -04:00)

Hunting Creek South

Hunting Cr. So.	Report for	Feb-15	Tot. Exc.= 0 (Influent data below.)													
Tot. Flow=	4.24288	Concentrations		Pounds												
Date	Flow	TSS	BOD	NH3	ECOLI	TSS	BOD	NH3	Tot. Phos	Tot. N	TSS Re	BOD R	D.O.	p.H.	TRC	
2/1/15	0.161	6	2	0.340		8.068	2.689	0.457	0.198	23.940	0.97	0.99	8.3	7.2	0.01	
2/2/15	0.151				2								8.3	7.2	0.01	
2/3/15	0.127												8.3	7.2	0.01	
2/4/15	0.147												8.5	7.3	0.01	
2/5/15	0.148												8.5	7.3	0.01	
2/6/15	0.155												10	6.8	0.01	
2/7/15	0.164												8.8	6.9	0.01	
2/8/15	0.173												8.3	7	0.01	
2/9/15	0.136	16	2	0.280		18.160	2.270	0.318	0.116	23.480	0.95	0.99	8.3	7	0.01	
2/10/15	0.116				1								8.3	7	0.01	
2/11/15	0.113												8.5	7.1	0.01	
2/12/15	0.106												8.5	7.1	0.01	
2/13/15	0.120												8.5	7.1	0.01	
2/14/15	0.150												8.3	7	0.01	
2/15/15	0.142												8.4	7.1	0.01	
2/16/15	0.150	8	3	0.390		9.993	3.747	0.487	0.281	17.690	0.91	0.95	8.4	7.1	0.01	
2/17/15	0.143				1								8.4	7.1	0.01	
2/18/15	0.149												8.6	7.3	0.01	
2/19/15	0.152												8.6	7.3	0.01	
2/20/15	0.159												8.6	7.3	0.01	
2/21/15	0.237												8.4	7.4	0.01	
2/22/15	0.220												8.4	7.3	0.01	
2/23/15	0.163	5	3	0.620		6.790	4.074	0.842	0.300	8.890	0.98	0.98	8.3	7.2	0.01	
2/24/15	0.158				6								8.5	7	0.01	
2/25/15	0.153												8.5	7	0.01	
2/26/15	0.139												8.5	7	0.01	
2/27/15	0.144												8.4	7.1	0.01	
2/28/15	0.168												8.2	7	0.01	
3/1/15																
3/2/15																
3/3/15																
Average	0.152	8.75	2.50	0.4	1.86	11	3.195	0.53	0.2	18.50	96%	98%	8.49	7	0.01	
Maximum	0.237	16.00	3.00	0.62	6.00	18	4.074	0.8	0.3	23.94			10.000	7	0.010	