



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

June 20, 2013

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 May of 2013**

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 May 2013

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, 

Richard Mills
Process Supervisor of Metro Operations

RM/Hunting Creek South 05/13

Enclosures

CC T. Singleton
R. Shaw



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

DMR Copy of Record

Permit

Permit #:
Major:

KY0029114
No

Permittee:
Permittee Address:

HUNTING CREEK S WQTC MSD
6530 MONTERO DR
PROSPECT, KY 40059

Facility:
Facility Location:

HUNTING CREEK S WQTC MSD
6530 MONTERO DR
PROSPECT, KY 40059

Permitted Feature:

001
External Outfall

Discharge:

001-1
MUNICIPAL DISCHARGE

Report Dates & Status

Monitoring Period:

From 05/01/13 to 05/31/13

DMR Due Date:

06/28/13

Status:

NetDMR Validated

Considerations for Form Completion

Principal Executive Officer

First Name:
Last Name:

Greg
Heitzman

Title:

Executive Director

Telephone:

502-540-6000

No Data Indicator (NODI)

Form NODI:

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Parameter		Monitoring Location	Season #	Param. NODI		Quantity or Loading					Quality or Concentration							# of Ex.	Frequency of Analysis	Sample Type
Code	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 Gross	0	--	Sample						=	7					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 Gross	0	--	Sample						=	7			=	8	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 Gross	0	--	Sample	=	5.45	=	6.75	26 - lb/d			=	4	=	5	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	1 - Effluent Gross	0	--	Sample								=	29	=	34	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 Gross	1	--	Sample	=	0.6	=	0.84	26 - lb/d			=	0.4	=	0.6	19 - mg/L	0	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															
X 00610	Nitrogen, ammonia total (as N)	1 - Effluent Gross	2	--	Sample															
					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 Gross	0	--	Sample								=	0.1	=	0.3	19 - mg/L	0	05/30 - 5 Times Every Month	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 Gross	0	--	Sample	=	0.184	=	0.34	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 Gross	0	--	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															
51040	E. coli	1 - Effluent Gross	0	--	Sample								=	5	=	10	13 - #/100mL	0	01/07 - Weekly	GR - GRAB
					Permit Req.								<=	130 30DA GEO	<=	240 7 DA GEO	13 - #/100mL		01/07 - Weekly	GR - GRAB
					Value NODI															
80082	BOD, carbonaceous, 05 day, 20 C	1 - Effluent Gross	0	--	Sample	=	4.1	=	4.8	26 - lb/d			=	3	=	3	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		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

Parameter		Monitoring Location	Field	Type	Description	Acknowledge
Code	Name					
00610	Nitrogen, ammonia total (as N)	1 - Effluent Gross	All	Soft	All permit limit values for the Parameter are missing sample values or NODI selection. (Error Code: -1)	Yes

Comments

Attachments

Name	Type	Size
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HCS052013_MOR.pdf	pdf	7906
HCS052013_Coverletter.pdf	pdf	15186
Report Last Saved By HUNTING CREEK S WQTC MSD		
User: millsr@louisvillemsd.org	Date/Time:	2013-06-26 15:25 (Time Zone: -04:00)
Name: Richard Mills		
E-Mail: millsr@louisvillemsd.org		

Hunting Creek South

Hunting Cr. So.	Report for	May-13	Tot. Exc.= 0 (Influent data below.)										
Tot. Flow=	5.69246	Concentrations		Pounds									
Date	Flow	TSS	BOD	NH3	ECOLI	TSS	BOD	NH3	Tot. Phos.	Tot. N	D.O.	p.H.	TRC
5/1/13	0.151										8.4	7.5	0.01
5/2/13	0.157	3	2	0.220		3.916	2.611	0.287	0.100	31.010	7.9	7.4	0.01
5/3/13	0.163				1						8	7.6	0.01
5/4/13	0.184										8.7	7.3	0.01
5/5/13	0.340										8.7	7.6	0.01
5/6/13	0.270										8.5	7.5	0.01
5/7/13	0.231										7.7	7.6	0.01
5/8/13	0.205										7.8	7.5	0.01
5/9/13	0.192	3	3	0.340		4.800	4.800	0.544	0.100	23.610	7.5	7.5	0.01
5/10/13	0.262				8						7.7	7.5	0.01
5/11/13	0.308										7.5	7.5	0.01
5/12/13	0.236										7.7	7.5	0.01
5/13/13	0.205										7.4	7.4	0.01
5/14/13	0.191										7.3	7.4	0.01
5/15/13	0.184										7.4	7.4	0.01
5/16/13	0.190	4	3	0.450		6.335	4.751	0.713	0.137	34.310	7.6	7.4	0.01
5/17/13	0.168				2						7.7	7.4	0.01
5/18/13	0.167										7.8	7.3	0.01
5/19/13	0.161										7.2	8.4	0.01
5/20/13	0.148										7.5	7.5	0.01
5/21/13	0.140										7.8	7.5	0.01
5/22/13	0.156										7.1	7.5	0.01
5/23/13	0.162	5	3	0.620		6.752	4.051	0.837	0.264	27.410	7	7.5	0.01
5/24/13	0.136				10						7.4	7.4	0.01
5/25/13	0.139										7.2	7.4	0.01
5/26/13	0.142										7.5	7.5	0.01
5/27/13	0.154										7.3	7.4	0.01
5/28/13	0.140								0.100		7.5	7.4	0.01
5/29/13	0.132										7.7	7.8	0.01
5/30/13	0.130										7.8	7.6	0.01
5/31/13	0.147										8.000	7.800	0.010
Average	0.184	3.75	2.75	0.4	3.56	5	4.053	0.60	0.1	29.03	7.69	8	0.01
Maximum	0.340	5.00	3.00	0.62	10.00	7	4.800	0.8	0.3	34.31	8.700	8	0.010
Exceed.	0	0	0	0	0	0	0	0	0				
DailyMX		0	0	0	0	0	0	0	0				
MoAVG		0	0	0	0	0	0	0	0				
Minimum	0.12951 MIN		MAX								7.00	7.30	0.01