



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

January 5, 2015

Cheryl Edwards
Kentucky Division of Water
200 Fair Oaks Lane
Frankfort, Kentucky 40601

Re: MSD Metro Operations
North Hunting Creek WQTC; KPDES No.: KY 0029106
Discharge Monitoring Reports for December 2014.

Dear Ms. Edwards:

Attached is the Discharge Monitoring Reports (DMRs) and the Monthly Operator Report (MOR) for the North Hunting Creek WQTC; KPDES No.:KY0029106 for the month of December 2014.

There were no exceedances, bypasses or overflows to report for this month.

If you have any questions concerning the attached DMRs, please contact me at (502)587-5856.

Sincerely,

A handwritten signature in cursive script that reads "Duane V. Wright".

Duane V. Wright
Process Supervisor, East Region

DVW/North Hunting Creek 12/14.

Enclosures

cc: T. Singleton
R. Shaw



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

DMR Copy of Record

Permit

Permit #:
Major:

KY0029106
No

Permittee:
Permittee Address:

HUNTING CREEK N WQTC MSD
7300 SHADWELL LN
PROSPECT, KY 40059

Facility:
Facility Location:

HUNTING CREEK N WQTC MSD
7300 SHADWELL LN
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

TOTAL NITROGEN = TKN (AS N) AND NITRATE/NITRITE (AS N) - Parameter 00610 - Use Season 1 for summer months (May, June, July, August, September, and October) and Season 2 for winter months (November, December, January, February March, and April); enter NODI=9 for the Season not needed.

Principal Executive Officer

First Name:
Last Name:

Greg
Heitzman

Title:

Exec. Dir.

Telephone:

502-540-6000

No Data Indicator (NODI)

Form NODI: --

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					=	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 Gross	0	--	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 Gross	0	--	Sample	=	9	=	13	26 - lb/d		=	5	=	7	19 - mg/L	0	01/07 - Weekly	CP - COMPOS
					Permit Req.	<=	90 30DA AVG	<=	135 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 Gross	0	--	Sample							=	20	=	22	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	2	--	Sample	=	0.6	=	0.9	26 - lb/d		=	0.3	=	0.5	19 - mg/L	0	01/07 - Weekly	CP - COMPOS
					Permit Req.	<=	15 30DA AVG	<=	22.5 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							=	0.4	=	0.5	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	=	0.262	=	0.572	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	=	25	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	=	6	=	7	26 - lb/d		=	3	=	3	19 - mg/L	0	01/07 - Weekly	CP - COMPOS
					Permit Req.	<=	30 30DA AVG	<=	45 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

No errors.

Comments

Attachments

Name	Type	Size
NHC122014_COVER.pdf	pdf	16994
NHC122014_MOR.pdf	pdf	27231

Report Last Saved By

HUNTING CREEK N WQTC MSD



Hunting Creek North

Hunting Cr. No.		Report for		Dec-14		Tot. Exc.=		0 (Influent data below.)								
Tot. Flow= 8.11248				Concentrations				Pounds								
Date	Flow	TSS	BOD	NH3	Ecoli	TSS	BOD	NH3	T. Phos	TSS Rem	Tot. N	BOD Rem	D.O.	p.H.	TRC	
12/1/14	0.318													8	7	0.01
12/2/14	0.277	4	3	0.28		9.234	6.926	0.646	0.300	0.939394	21.67	0.971698		8.1	7	0.01
12/3/14	0.232				1									8.1	7	0.01
12/4/14	0.255													8.2	7.1	0.01
12/5/14	0.312													8.2	7.1	0.01
12/6/14	0.572													7.9	7	0.01
12/7/14	0.332													8.1	7.2	0.01
12/8/14	0.278													8.1	7.2	0.01
12/9/14	0.267	3	3	0.28		6.674	6.674	0.623	0.407	0.980263	16.31	0.976923		8	7.1	0.01
12/10/14	0.246				6									8	7.1	0.01
12/11/14	0.235													8	7.1	0.01
12/12/14	0.230													8.1	7	0.01
12/13/14	0.227													8	7.1	0.01
12/14/14	0.236													8.2	7	0.01
12/15/14	0.217													8.2	7	0.01
12/16/14	0.233	4	3	0.17		7.778	5.833	0.331	0.468	0.981818	21.61	0.984043		8.2	7	0.01
12/17/14	0.214				25									8.3	7.1	0.01
12/18/14	0.227													8.5	7.1	0.01
12/19/14	0.223													8.5	7.1	0.01
12/20/14	0.223													8	7.2	0.01
12/21/14	0.219													8.1	7.3	0.01
12/22/14	0.227	7	2	0.45		13.251	3.786	0.852	0.296	0.967442	19.81	0.989474		8.4	7.3	0.01
12/23/14	0.248				5									8.2	7.3	0.01
12/24/14	0.283													8	7.2	0.01
12/25/14	0.261													8.4	7.2	0.01
12/26/14	0.237													8.4	7.2	0.01
12/27/14	0.252													8.3	7.2	0.01
12/28/14	0.294								0.367					7.7	7.3	0.01
12/29/14	0.273													7.7	7.3	0.01
12/30/14	0.243													7.7	7.3	0.01
12/31/14	0.225													8.000	7.200	0.010
Average	0.262	5	3	0.3	5.23	9	5.805	0.61	0.4	97%	19.85	98%		8.12	7	0.01
Maximum	0.572	7	3	0.5	25.00	13	6.926	0.9	0.5		21.67			8.5	7	0.01
Exceed.	1	0	0	0	0	0	0	0	0	0		0				