



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

May 10, 2013

Ms. Cheryl Edwards
Kentucky Division of Water
200 Fair Oaks Lane, 4th Floor
Frankfort, Kentucky 40601

Re: MSD Metro Operations
Starview WQTC; KPDES No.: KY0031712
Discharge Monitoring Report – April 2013.

Dear Ms. Edwards:

Attached are the Discharge Monitoring Reports (DMRs) and the Monthly Operating Report (MOR) for the Starview WQTC, KPDES No.: KY0031712 for the month of April 2013.

There were no exceedences, bypasses or overflows to report.

If you have any questions concerning the attached DMRs, please contact me at (502)239-7574.

Sincerely,

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

Duane V. Wright
Process Supervisor Central Region

DVW/Starview 4.13

Enclosures

cc: R. Shaw
T. Singleton



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

DMR Copy of Record

Permit

Permit #:
Major:

KY0031712
No

Permittee:
Permittee Address:

STARVIEW WQTC MSD
423 BERMUDA WAY
LOUISVILLE, KY 40243

Facility:
Facility Location:

STARVIEW WQTC MSD
423 BERMUDA WAY
LOUISVILLE, KY 40243

Permitted Feature:

001
External Outfall

Discharge:

001-1
SANITARY WASTEWATER

Report Dates & Status

Monitoring Period:

From 04/01/13 to 04/30/13

DMR Due Date:

07/28/13

Status:

NetDMR Validated

Considerations for Form Completion

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:

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						=	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			=	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	=	2	=	6	26 - lb/d			=	4	=	9	19 - mg/L	0	01/07 - Weekly	CP - COMPOS
					Permit Req.	<=	25 30DA AVG	<=	50 DAILY MX	26 - lb/d			<=	30 30DA AVG	<=	60 DAILY MX	19 - mg/L		01/07 - Weekly	CP - COMPOS
					Value NODI															
00610	Nitrogen, ammonia total (as N)	1 - Effluent Gross	2	--	Sample	=	0.18	=	0.2	26 - lb/d			=	0.3	=	0.3	19 - mg/L	0	01/07 - Weekly	CP - COMPOS
					Permit Req.	<=	8.34 30DA AVG	<=	16.7 DAILY MX	26 - lb/d			<=	10 30DA AVG	<=	20 DAILY MX	19 - mg/L		01/07 - Weekly	CP - COMPOS
					Value NODI															
00665	Phosphorus, total (as P)	1 - Effluent Gross	0	--	Sample								=	2	=	2.6	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															
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	0.087	=	0.141	03 - MGD								0	99/99 - Continuous	CN - CONTIN
					Permit Req.		Req Mon 30DA AVG		Req Mon INST MAX	03 - MGD									99/99 - Continuous	CN - CONTIN
					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															
74055	Coliform, fecal general	1 - Effluent Gross	0	--	Sample								=	3	=	5	13 - #/100mL	0	01/07 - Weekly	GR - GRAB
					Permit Req.								<=	200 30DA GEO	<=	400 7 DA GEO	13 - #/100mL		01/07 - Weekly	GR - GRAB
					Value NODI															
80082	BOD, carbonaceous, 05 day, 20 C	1 - Effluent Gross	0	--	Sample	=	1	=	1	26 - lb/d			=	2	=	2	19 - mg/L	0	01/07 - Weekly	CP - COMPOS
					Permit Req.	<=	25 30DA AVG	<=	50 DAILY MX	26 - lb/d			<=	30 30DA AVG	<=	60 DAILY MX	19 - mg/L		01/07 - Weekly	CP - COMPOS
					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
Starview042013_cover.pdf	pdf	17264

Report Last Saved By

STARVIEW WQTC MSD

User:

kevin.ries@louisvillemsd.org

Date/Time:

2013-05-22 15:00 (Time Zone: -04:00)

Name:

kevin ries

E-Mail:

kevin.ries@louisvillemsd.org

Starview	Report for	Apr-13		Tot. Exc.= 0					
Tot. Flow=	2.60618	Concentrations		Pounds					
Date	Flow	TSS	BOD	NH3	Fecal	TSS	BOD	NH3	Tot. Phos.
4/1/13	0.083	9	2	0.3		6.2	1.4	0.19	1.75
4/2/13	0.070				2				
4/3/13	0.067								
4/4/13	0.069								
4/5/13	0.075								
4/6/13	0.074								
4/7/13	0.064								
4/8/13	0.050	2	2	0.3		0.8	0.8	0.12	2.57
4/9/13	0.050				3				
4/10/13	0.053								
4/11/13	0.094								
4/12/13	0.141								
4/13/13	0.113								
4/14/13	0.102								
4/15/13	0.075	2	2	0.3		1.2	1.2	0.17	1.87
4/16/13	0.066				2				
4/17/13	0.072								
4/18/13	0.065								
4/19/13	0.138								
4/20/13	0.116								
4/21/13	0.102								
4/22/13	0.076	2	2	0.3		1.3	1.3	0.21	1.66
4/23/13	0.071				5				
4/24/13	0.124								
4/25/13	0.128								
4/26/13	0.102								
4/27/13	0.097								
4/28/13	0.110								
4/29/13	0.087								
4/30/13	0.074								
5/1/13									
Average	0.087	4	2	0.3	3	2.4	1.2	0.18	2.0
Maximum	0.141	9	2	0.3	5	6.2	1.4	0.21	2.6
Exceed.	10	0	0	0	0	0	0	0	