



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

June 6, 2014

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 – May 2014.**

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 May 2014.

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 black ink, appearing to read "Duane V. Wright", is written over a light blue horizontal line.

Duane V. Wright
Process Supervisor Central Region

DVW/Starview 05.14

Enclosures

cc: R. Shaw
T. Singleton



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

DMR Copy of Record

Permit			
Permit #:	KY0031712	Permittee:	STARVIEW WQTC MSD
Major:	No	Permittee Address:	423 BERMUDA WAY LOUISVILLE, KY 40243
Permitted Feature:	001 External Outfall	Discharge:	001-1 DOMESTIC
Facility:		Facility Location:	STARVIEW WQTC MSD 423 BERMUDA WAY LOUISVILLE, KY 40243

Report Dates & Status			
Monitoring Period:	From 05/01/14 to 05/31/14	DMR Due Date:	06/28/14
Status:	NetDMR Validated		

Considerations for Form Completion

Principal Executive Officer			
First Name:	Greg	Title:	Exec. Dir.
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	28/30 - 28 Per Month	GR - GRAB	
					Permit Req.	>=	7 INST MIN									19 - mg/L	01/30 - Monthly	GR - GRAB	
					Value NODI														
00400	pH	1 - Effluent Gross	0	--	Sample	=	7					=	7		12 - SU	29/30 - 29 Per Month	GR - GRAB		
					Permit Req.	>=	6 MINIMUM				<=	9 MAXIMUM			12 - SU	01/30 - Monthly	GR - GRAB		
					Value NODI														
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample	=	3	=	4.6	26 - lb/d		=	3	=	3	19 - mg/L	01/07 - Weekly	24 - COMP24	
					Permit Req.	<=	25 MO AVG	<=	37.5 WKLY AVG	26 - lb/d		<=	30 MO AVG	<=	45 WKLY AVG	19 - mg/L	01/30 - Monthly	24 - COMP24	
					Value NODI														
00600	Nitrogen, total	1 - Effluent Gross	0	--	Sample							=	13	=	18	19 - mg/L	01/07 - Weekly	24 - COMP24	
					Permit Req.														
					Value NODI														
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	1	--	Sample	=	0.41	=	0.7	26 - lb/d		=	0.4	=	0.7	19 - mg/L	01/07 - Weekly	24 - COMP24	
					Permit Req.	<=	3.34 MO AVG	<=	5.01 WKLY AVG	26 - lb/d		<=	4 MO AVG	<=	6 WKLY AVG	19 - mg/L	01/30 - Monthly	24 - COMP24	
					Value NODI														
00665	Phosphorus, total [as P]	1 - Effluent Gross	0	--	Sample							=	1.4	=	2.4	19 - mg/L	01/07 - Weekly	24 - COMP24	
					Permit Req.														
					Value NODI														
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	0.149	=	0.174	03 - MGD							99/99 - Continuous	IN - INSTAN	
					Permit Req.														
					Value NODI														
50060	Chlorine, total residual	1 - Effluent Gross	0	--	Sample							<	0.01	<	0.01	19 - mg/L	29/30 - 29 Per Month	GR - GRAB	
					Permit Req.														
					Value NODI														
51040	E. coli	1 - Effluent Gross	0	--	Sample							=	1	=	2	13 - #/100mL	01/07 - Weekly	GR - GRAB	
					Permit Req.														
					Value NODI														
80082	BOD, carbonaceous, 05 day, 20 C	1 - Effluent Gross	0	--	Sample	=	2	=	3	26 - lb/d		=	2	=	3	19 - mg/L	01/07 - Weekly	24 - COMP24	
					Permit Req.	<=	25 MO AVG	<=	37.5 WKLY AVG	26 - lb/d		<=	30 MO AVG	<=	45 WKLY AVG	19 - mg/L	01/30 - Monthly	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
STARVIEW052014_COVER.pdf	pdf	17404
STARVIEW052014_MOR.pdf	pdf	25739

Name: Kevin Ries
E-Mail: kevin.ries@louisvillemisd.org

Starview		Report for		May-14		Tot. Exc.= 0						
Tot. Flow=	4.61686	Concentrations		Pounds								
Date	Flow	TSS	BOD	NH3	Ecoli	TSS	BOD	NH3	Tot. Phos.	D.O.	p.H.	TRC
5/1/14	0.182	3	2	0.39		4.564	3.043	0.593	0.816	10	7.2	0.01
5/2/14	0.152				1					10	7.1	0.01
5/3/14	0.131									10	7.1	0.01
5/4/14	0.133									10	7.3	0.01
5/5/14	0.126									11	7	0.01
5/6/14	0.121									11	6.8	0.01
5/7/14	0.111									11	6.9	0.01
5/8/14	0.099	2	3	0.39		1.644	2.466	0.321	2.36	11	6.8	0.01
5/9/14	0.098				1					11	6.9	0.01
5/10/14	0.229											
5/11/14	0.206									7.5	6.8	0.01
5/12/14	0.142									10	7	0.01
5/13/14	0.126									11	6.8	0.01
5/14/14	0.172									10	7	0.01
5/15/14	0.349										7.3	0.01
5/16/14	0.215									8.8	7.2	0.01
5/17/14	0.166									8.9	7.3	0.01
5/18/14	0.140	2	2	0.06		2.335	2.335	0.070	0.6	9.3	7.1	0.01
5/19/14	0.122				2					9.8	7	0.01
5/20/14	0.115									10	6.8	0.01
5/21/14	0.114									10	6.9	0.01
5/22/14	0.225									10	6.8	0.01
5/23/14	0.153									11	7	0.01
5/24/14	0.126									10	7.2	0.01
5/25/14	0.115									10	7.2	0.01
5/26/14	0.117	3	2	0.67		2.924	1.949	0.653	1.64	10	6.8	0.01
5/27/14	0.103				2					9.7	6.7	0.01
5/28/14	0.091									9.8	6.7	0.01
5/29/14	0.119									10	6.8	0.01
5/30/14	0.183									9.6	7	0.01
5/31/14	0.139									10	6.8	0.01
Average	0.149	3	2	0.4	1.41	3	2.448	0.41	1.4	10.01	7	0.01
Maximum	0.349	3	3	0.7	2.00	5	3.043	0.7	2.4	11.00	7	0.01
Exceed.	28	0	0	0	0	0	0	0				

Tot. N
9.46

18.21

9.07

15.21

12.99

18.21

