



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

March 17, 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 – February 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 February 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 cursive script that reads "Duane V. Wright".

Duane V. Wright
Process Supervisor Central Region

DVW/Starview 02.14

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

Report Dates & Status					
Monitoring Period:	From 02/01/14 to 02/28/14	DMR Due Date:	04/28/14	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:	Greg	Title:	Exec. Dir.	Telephone:	502-540-6000
Last Name:	Heitzman				

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	0	27/30 - 27 Per Month	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	28/30 - 28 Per Month	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	=	6	=	15	26 - lb/d	=	5	=	11	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	=	0.3	26 - lb/d	=	0.1	=	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	=					=	1	=	1.3	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	=	0.153	=	0.345	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	28/30 - 28 Per Month	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						=	5	=	10	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	=	3	=	4	26 - lb/d	=	2	=	3	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
Btown022014_cover.pdf	pdf	16954
Starview022014_MOR.pdf	pdf	16778

Report Last Saved By
 STARVIEW WQTC MSD

User:	kevin.ries@louisvillemsd.org	Date/Time:	2014-03-19 15:03 (Time Zone: -04:00)
Name:	Kevin Ries		
E-Mail:	kevin.ries@louisvillemsd.org		

Starview	Report for	Feb-14		Tot. Exc.= 0		Pounds						
Tot. Flow=	4.28624	Concentrations										
Date	Flow	TSS	BOD	NH3	Fecal	TSS	BOD	NH3	Tot. Phos.	D.O.	p.H.	TRC
2/1/14	0.095									12	7.4	<0.010
2/2/14	0.159											<0.010
2/3/14	0.152									11	7.4	<0.010
2/4/14	0.186									11	7.1	<0.010
2/5/14	0.345											7.5 <0.010
2/6/14	0.216									7.5	7.3	<0.010
2/7/14	0.162	11	3	0.17	10	14.825	4.043	0.229	0.913	8.6	7.2	<0.010
2/8/14	0.154									11	7.8	<0.010
2/9/14	0.140	3	2	0.06		3.497	2.331	0.070	0.859	10	7.5	<0.010
2/10/14	0.118				3					11	7.2	<0.010
2/11/14	0.105									11	7.3	<0.010
2/12/14	0.106									11	7	<0.010
2/13/14	0.098									12	7.2	<0.010
2/14/14	0.126									11	7.3	<0.010
2/15/14	0.138									12	7.4	<0.010
2/16/14	0.133	3	2	0.11		3.319	2.213	0.122	1.27	11	7.1	<0.010
2/17/14	0.164				2					11	7.3	<0.010
2/18/14	0.223											<0.010
2/19/14	0.197									9.9	7.4	<0.010
2/20/14	0.194									11	7.3	<0.010
2/21/14	0.201									9.7	7.5	<0.010
2/22/14	0.171									10	7.1	<0.010
2/23/14	0.153	3	2	0.25		3.818	2.546	0.318	1.05	10	7	<0.010
2/24/14	0.135				10					11	7.2	<0.010
2/25/14	0.122									11	7.1	<0.010
2/26/14	0.107									11	7.2	<0.010
2/27/14	0.097									11	7.2	<0.010
2/28/14	0.093									12	7.1	<0.010
3/1/14												
3/2/14												
3/3/14												
Average	0.153	5	2	0.1	4.95	6	2.783	0.18	1.0	10.71	7	0.00
Maximum	0.345	11	3	0.3	10.00	15	4.043	0.3	1.3	12.00	8	0.00
Exceed.	24	0	0	0	0	0	0	0				