



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

September 9, 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 – August 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 August 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 "Kevin Thompson", is written over a horizontal dotted line.

Kevin Thompson
Process Supervisor Central Region

KLT/Starview 08.14

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 DOMESTIC		

Report Dates & Status					
Monitoring Period:	From 08/01/14 to 08/31/14	DMR Due Date:	09/28/14	Status:	NetDMR Validated

Considerations for Form Completion

Principal Executive Officer					
First Name:	Greg	Title:	Executive Director	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	=	7				=	7				19 - mg/L	0	01/01 - Daily	GR - GRAB	
					Permit Req.	>=	7 INST MIN										19 - mg/L	0	01/30 - Monthly	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	0	01/30 - Monthly	GR - GRAB	
					Value NODI															
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample	=	10	=	10	26 - lb/d	=	17	=	17		19 - mg/L	0	01/30 - Monthly	CP - COMPOS	
					Permit Req.	<=	25 MO AVG	<=	37.5 WKLY AVG	26 - lb/d	<=	30 MO AVG	<=	45 WKLY AVG		19 - mg/L	0	01/30 - Monthly	24 - COMP24	
					Value NODI															
00600	Nitrogen, total [as N]	1 - Effluent Gross	0	--	Sample	=					=	17	=	17		19 - mg/L	0	01/30 - Monthly	CP - COMPOS	
					Permit Req.							Req Mon MO AVG		Req Mon WKLY AVG		19 - mg/L	0	01/30 - Monthly	24 - COMP24	
					Value NODI															
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	1	--	Sample	=	0.17	=	0.17	26 - lb/d	=	0.3	=	0.3		19 - mg/L	0	01/30 - Monthly	CP - COMPOS	
					Permit Req.	<=	3.34 MO AVG	<=	5.01 WKLY AVG	26 - lb/d	<=	4 MO AVG	<=	6 WKLY AVG		19 - mg/L	0	01/30 - Monthly	24 - COMP24	
					Value NODI															
00665	Phosphorus, total [as P]	1 - Effluent Gross	0	--	Sample	=					=	2.1	=	2.1		19 - mg/L	0	01/30 - Monthly	CP - COMPOS	
					Permit Req.							Req Mon MO AVG		Req Mon WKLY AVG		19 - mg/L	0	01/30 - Monthly	24 - COMP24	
					Value NODI															
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	0.101	=	0.12	03 - MGD							0	99/99 - Continuous	CN - CONTIN	
					Permit Req.		Req Mon MO AVG		Req Mon WKLY AVG	03 - MGD								0	01/30 - Monthly	IN - INSTAN
					Value NODI															
50060	Chlorine, total residual	1 - Effluent Gross	0	--	Sample						<	0.01	=	0.01		19 - mg/L	0	29/30 - 29 Per Month	GR - GRAB	
					Permit Req.						<=	.011 MO AVG	<=	.019 WKLY AVG		19 - mg/L	0	01/30 - Monthly	GR - GRAB	
					Value NODI															
51040	E. coli	1 - Effluent Gross	0	--	Sample						<	2	=	2		13 - #/100mL	0	01/30 - Monthly	GR - GRAB	
					Permit Req.						<=	130 30DA GEO	<=	240 7 DA GEO		13 - #/100mL	0	01/30 - Monthly	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	01/30 - Monthly	CP - COMPOS	
					Permit Req.	<=	25 MO AVG	<=	37.5 WKLY AVG	26 - lb/d	<=	30 MO AVG	<=	45 WKLY AVG		19 - mg/L	0	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
201408_Starview_coverletter.pdf	pdf	17146
201408_Starview_MOR.pdf	pdf	9622

Report Last Saved By
STARVIEW WQTC MSD

Name: Kevin Thompson
E-Mail: kevin.thompson@louisvillemsd.org

Starview	Report for	Aug-14		Tot. Exc.= 0		Pounds							
Tot. Flow=	3.14183	Concentrations											
Date	Flow	TSS	BOD	NH3	Ecoli	TSS	BOD	NH3	Tot. Phos.	D.O.	p.H.	TRC	Tot. N
8/1/14	0.079									7	6.9	0.01	
8/2/14	0.078									8	7.4	0.01	
8/3/14	0.074	17	2	0.28		10.422	1.226	0.172	2.1	8.6	7	0.01	16.97
8/4/14	0.075				2					8.3	7.2	0.01	
8/5/14	0.068									8.1	7.1	0.01	
8/6/14	0.076									8.3	7.2	0.01	
8/7/14	0.076									8.1	7.1	0.01	
8/8/14	0.185									8.1	7.1	0.01	
8/9/14	0.115									7.8	7	0.01	
8/10/14	0.118									7.8	7	0.01	
8/11/14	0.126									7.3	6.8	0.01	
8/12/14	0.117									7.9	7.6	0.01	
8/13/14	0.090									8.1	7.4	0.01	
8/14/14	0.086									7.7	7.3	0.01	
8/15/14	0.074									7.8	7.5	0.01	
8/16/14	0.086									7.8	7.2	0.01	
8/17/14	0.121									8.1	7.4	0.01	
8/18/14	0.122									7.9	7.6	0.01	
8/19/14	0.104									7.6	7.1	0.01	
8/20/14	0.089									7.6	7.3	0.01	
8/21/14	0.086									7.7	7.4	0.01	
8/22/14	0.106									8.1	7.5	0.01	
8/23/14	0.162									7.8	7	0.01	
8/24/14	0.164									7.6	7.3	0.01	
8/25/14	0.121									7.6	7.5	0.01	
8/26/14	0.099									7.5	7.4	0.01	
8/27/14	0.090												
8/28/14	0.082									7.3	6.8	0.01	
8/29/14	0.082									7.4	7	0.01	
8/30/14	0.095									7.6	7.2	0.01	
8/31/14	0.094									7.3	6.9	0.01	
Average	0.101	17	2	0.3	2.00	10	1.226	0.17	2.1	7.79	7	0.01	16.97
Maximum	0.185	17	2	0.3	2.00	10	1.226	0.2	2.1	8.60	8	0.01	16.97
Exceed.	12	0	0	0	0	0	0	0					