



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

January 7, 2015

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 – December 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 December 2014.

There were no exceedences, overflow or bypasses to report.

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

Sincerely,


Kevin Thompson
Process Supervisor Central Region

KLT/Starview 12.14

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 12/01/14 to 12/31/14	DMR Due Date:	01/28/15	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					=	8					19 - mg/L		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					=	6		=	8		12 - SU		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	=	7	=	6.7		26 - lb/d	=	6	=	6		19 - mg/L		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					=	9		=	9		19 - mg/L		01/30 - Monthly	CP - COMPOS					
					Permit Req.																			
					Value NODI																			
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	2	--	Sample	=	0.38	=	0.4		26 - lb/d	=	0.3	=	0.3		19 - mg/L		01/30 - Monthly	CP - COMPOS				
					Permit Req.	<=	8.34 MO AVG	<=	12.5 WKLY AVG		26 - lb/d	<=	10 MO AVG	<=	15 WKLY AVG		19 - mg/L	0	01/30 - Monthly	24 - COMP24				
					Value NODI																			
00665	Phosphorus, total [as P]	1 - Effluent Gross	0	--	Sample					=	0.7		=	0.7		19 - mg/L		01/30 - Monthly	CP - COMPOS					
					Permit Req.																			
					Value NODI																			
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	0.099	=	0.155		03 - MGD							99/99 - Continuous	CN - CONTIN					
					Permit Req.																			
					Value NODI																			
50060	Chlorine, total residual	1 - Effluent Gross	0	--	Sample							<	0.01	<	0.01		19 - mg/L		01/01 - Daily	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							=	1	=	1		13 - #/100mL		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	=	3	=	3.4		26 - lb/d	=	3	=	3		19 - mg/L		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
201412_Starview_Coverletter.pdf	pdf	16566
201412_Starview_MOR.pdf	pdf	8990

Report Last Saved By
STARVIEW WQTC MSD

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

Starview	Report for	Dec-14										Tot. Exc. = 0	
Tot. Flow =	3.07939	Concentrations										Tot. Exc. = 0	
Date	Flow	TSS	BOD	NH3	Ecoli	TSS	BOD	NH3	Tot. Phos.	D.O.	p.H.	TRC	Tot. N
12/1/14	0.117									9.8	7.4	<0.010	
12/2/14	0.126									10	7.3	<0.010	
12/3/14	0.092									10	7.5	<0.010	
12/4/14	0.091									9.8	7.3	<0.010	
12/5/14	0.143									9	6.7	<0.010	
12/6/14	0.318									8.1	6.4	<0.010	
12/7/14	0.197									8.4	6.8	<0.010	
12/8/14	0.134	6	3	0.34	1	6.704	3.352	0.380	0.692	8.6	7.1	<0.010	9.17
12/9/14	0.105									8.6	7.1	<0.010	
12/10/14	0.105									8.6	7.1	<0.010	
12/11/14	0.081									8.8	7.1	<0.010	
12/12/14	0.073									9.3	7.4	<0.010	
12/13/14	0.078									9.5	7	<0.010	
12/14/14	0.075									9	7.4	<0.010	
12/15/14	0.068									9.4	7.6	<0.010	
12/16/14	0.077									9.4	7.6	<0.010	
12/17/14	0.068									9.2	7.3	<0.010	
12/18/14	0.063									10	7.1	<0.010	
12/19/14	0.059									9.9	7.2	<0.010	
12/20/14	0.063									9.6	7.1	<0.010	
12/21/14	0.064									9.3	7.3	<0.010	
12/22/14	0.066									9.1	6.8	<0.010	
12/23/14	0.106									8.7	6.7	<0.010	
12/24/14	0.107									9.4	6.9	<0.010	
12/25/14	0.093									9.1	6.7	<0.010	
12/26/14	0.080									8.8	6.7	<0.010	
12/27/14	0.083									8	6.9	<0.010	
12/28/14	0.133									9.2	6.7	<0.010	
12/29/14	0.101									8.7	7.1	<0.010	
12/30/14	0.082									9.1	6.8	<0.010	
12/31/14	0.033									9	7.2	<0.010	
Average	0.099	6	3	0.3	1.00	7	3.352	0.38	0.7	9.16	7	<0.010	9.17
Maximum	0.318	6	3	0.3	1.00	7	3.352	0.4	0.7	10.00	8	<0.010	9.17
Exceed.	12	0	0	0	0	0	0	0					