



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

December 7, 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 – November 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 November 2014.

There were no exceedences or bypasses 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 the typed name.

Kevin Thompson
Process Supervisor Central Region

KLT/Starview 11.14

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 11/01/14 to 11/30/14	DMR Due Date:	12/28/14	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					=	8					19 - mg/L	29/30 - 29 Per Month	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	29/30 - 29 Per Month	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	=	3	=	2.6	26 - lb/d			=	5	=	5	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					=	19			=	19	19 - mg/L	01/30 - Monthly	CP - COMPOS					
					Permit Req.																		
					Value NODI																		
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	2	--	Sample	=	0.2	=	0.2	26 - lb/d			=	0.4	=	0.4	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					=	2.5			=	2.5	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	=	0.071	=	0.1	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	01/30 - Monthly	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	=	2	=	1.6	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
201411_Starview_MOR.pdf	pdf	9255
201411_Starview_coverletter.pdf	pdf	17101

Report Last Saved By
STARVIEW WQTC MSD

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

Starview	Report for	Nov-14		Tot. Exc.= 0									
Tot. Flow=	2.14857	Concentrations											
Date	Flow	TSS	BOD	NH3	Ecoli	TSS	Pounds BOD	NH3	Tot. Phos.	D.O.	p.H.	TRC	Tot. N
11/1/14	0.070									7.8	7	0.01	
11/2/14	0.063	5	3	0.39		2.625	1.575	0.205	2.53	7.6	7	0.01	19.11
11/3/14	0.062				1					8	7.3	0.01	
11/4/14	0.062									9.1	7.5	0.01	
11/5/14	0.062									8.7	7.6	0.01	
11/6/14	0.061									8.3	7.6	0.01	
11/7/14	0.057									8.3	7.8	0.01	
11/8/14	0.061									8.1	7.8	0.01	
11/9/14	0.068									7.9	7.6	0.01	
11/10/14	0.061									8.6	7.6	0.01	
11/11/14	0.062									8.4	7.6	0.01	
11/12/14	0.055									8.1	7.8	0.01	
11/13/14	0.054									8.3	7.6	0.01	
11/14/14	0.056									8.5	7.6	0.01	
11/15/14	0.063									8.7	7.6	0.01	
11/16/14	0.066									9.1	7.7	0.01	
11/17/14	0.000									9.3	7.5	0.01	
11/18/14	0.072									9.5	7.3	0.01	
11/19/14	0.069									9.5	7.5	0.01	
11/20/14	0.066									9.7	7	0.01	
11/21/14	0.058									9.8	7.1	0.01	
11/22/14	0.065									10	7.3	0.01	
11/23/14	0.107									9.4	7	0.01	
11/24/14	0.155											0.01	
11/25/14	0.095									9.6	7.2	0.01	
11/26/14	0.095									9.8	7.4	0.01	
11/27/14	0.164									9.1	7.6	0.01	
11/28/14	0.071									9.4	7.2	0.01	
11/29/14	0.072									9.8	7.4	0.01	
11/30/14	0.077									10	7.4	0.01	
Average	0.072	5	3	0.4	1.00	3	1.575	0.20	2.5	8.91	7	0.01	19.11
Maximum	0.164	5	3	0.4	1.00	3	1.575	0.2	2.5	10.00	8	0.01	19.11
Exceed.	3	0	0	0	0	0	0	0					