



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

December 14, 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 – November 2015.**

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 2015.

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".

Kevin Thompson
Process Supervisor Central Region

KLT/Starview 11.15

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 11/01/15 to 11/30/15	DMR Due Date:	12/28/15	Status:	NetDMR Validated

Considerations for Form Completion

Principal Executive Officer					
First Name:	James	Title:	Executive Director	Telephone:	502-540-6000
Last Name:	Parrott				

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					=	7.1					19 - mg/L	0	29/30 - 29 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					=	6		=	8		12 - SU	0	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	=	2.5		26 - lb/d	=	4	=	4		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		01/30 - Monthly	24 - COMP24				
					Value NODI																			
00600	Nitrogen, total [as N]	1 - Effluent Gross	0	--	Sample					=	12	=	12		19 - mg/L	0	01/30 - Monthly	CP - COMPOS						
					Permit Req.												19 - mg/L	01/30 - Monthly	24 - COMP24					
					Value NODI																			
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	2	--	Sample	=	0.16	=	0.2		26 - lb/d	=	0.3	=	0.3		19 - mg/L	0	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		01/30 - Monthly	24 - COMP24				
					Value NODI																			
00665	Phosphorus, total [as P]	1 - Effluent Gross	0	--	Sample					=	1.4	=	1.4		19 - mg/L	0	01/30 - Monthly	CP - COMPOS						
					Permit Req.												19 - mg/L	01/30 - Monthly	24 - COMP24					
					Value NODI																			
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	0.095	=	0.095		03 - MGD						0	99/99 - Continuous	CN - CONTIN					
					Permit Req.													03 - MGD	01/30 - Monthly	IN - INSTAN				
					Value NODI																			
50060	Chlorine, total residual	1 - Effluent Gross	0	--	Sample							<	0.01	<	0.01		19 - mg/L	0	01/01 - Daily	GR - GRAB				
					Permit Req.											<=	.011 MO AVG		<=	.019 WKLY AVG		19 - mg/L	01/30 - Monthly	GR - GRAB
					Value NODI																			
51040	E. coli	1 - Effluent Gross	0	--	Sample							<	1	<	1		13 - #/100mL	0	01/30 - Monthly	GR - GRAB				
					Permit Req.											<=	130 30DA GEO		<=	240 7 DA GEO		13 - #/100mL	01/30 - Monthly	GR - GRAB
					Value NODI																			
80082	BOD, carbonaceous [5 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		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
201511_starview_coverletter.pdf	pdf	408318
201511_Starview_MOR.pdf	pdf	403777

Report Last Saved By
STARVIEW WQTC MSD

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

Starview		Report for	Nov-15			Tot. Exc.= 0								
Tot. Flow=	2.84981	Concentrations				Pounds								
Date	Flow	TSS	BOD	NH3	Ecoli	TSS	BOD	NH3	Tot. Phos.	D.O.	p.H.	TRC	Tot. N	
11/1/15	0.100									10	6.6	0.01		
11/2/15	0.076	4	2	0.25		2.549	1.275	0.159	1.44	8.4	6.4	0.01	11.56	
11/3/15	0.067				1					8.6	6.1	0.01		
11/4/15	0.052									8.5	6.2	0.01		
11/5/15	0.074									8.3	6.1	0.01		
11/6/15	0.118									7.6	6.1	0.01		
11/7/15	0.118									7.1	6.4	0.01		
11/8/15	0.179									7.9	6.2	0.01		
11/9/15	0.071									8	6.2	0.01		
11/10/15	0.093									8.7	6.1	0.01		
11/11/15	0.079									8.4	6.3	0.01		
11/12/15	0.098									8.4	6.3	0.01		
11/13/15	0.076									8	6.2	0.01		
11/14/15	0.069									8.2	6.3	0.01		
11/15/15	0.066									8.8	6.5	0.01		
11/16/15	0.055									9.9	6.3	0.01		
11/17/15	0.053									9.5	6.5	0.01		
11/18/15	0.145									8.4	7	0.01		
11/19/15	0.140									7.1	6.5	0.01		
11/20/15	0.097									7.2	7.6	0.01		
11/21/15	0.097									7.4	6.6	0.01		
11/22/15	0.089									7.5	6	0.01		
11/23/15	0.072									7.2	6.1	0.01		
11/24/15	0.071									7.3	6.2	0.01		
11/25/15	0.067									7.4	6	0.01		
11/26/15	0.064									7.7	6.1	0.01		
11/27/15	0.060									7.4	6.2	0.01		
11/28/15	0.060									8.4	6.8	0.01		
11/29/15	0.223									0	0	0.01		
11/30/15	0.223									8.7	6.2	0.01		
Average	0.095	4	2	0.3	1.00	3	1.275	0.16	1.4	7.87	6	0.01	11.56	
Maximum	0.223	4	2	0.3	1.00	3	1.275	0.2	1.4	10.00	8	0.01	11.56	
Exceed.	7	0	0	0	0	0	0	0						