



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

November 10, 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 – October 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 October 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", is written over the typed name.

Kevin Thompson
Process Supervisor Central Region

KLT/Starview 10.15

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 10/01/15 to 10/31/15	DMR Due Date:	11/28/15	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					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			=	7	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	=	4	=	3.6	26 - lb/d			=	9	=	9	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							=	14	=	14	19 - mg/L		01/30 - Monthly	CP - COMPOS		
					Permit Req.																
					Value NODI																
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	1	--	Sample	=	0.06	=	0.06	26 - lb/d			=	0.1	=	0.1	19 - mg/L		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							=	2.2	=	2.2	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	=	0.06	=	0.071	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.																
					Value NODI																
51040	E. coli	1 - Effluent Gross	0	--	Sample							<	1	<	1	13 - #/100mL		01/30 - Monthly	GR - GRAB		
					Permit Req.																
					Value NODI																
80082	BOD, carbonaceous [5 day, 20 C]	1 - Effluent Gross	0	--	Sample	=	1	=	0.8	26 - lb/d			=	2	=	2	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
201510_Starview_MOR.pdf	pdf	418518
201510_Starview_coverletter.pdf	pdf	446686

Report Last Saved By
STARVIEW WQTC MSD

Name: Staci Huber

E-Mail: staci.huber@louisvillemsd.org

Starview		Report for		Oct-15		Tot. Exc.= 0									
Tot. Flow=		1.84569		Concentrations		Pounds									
Date	Flow	TSS	BOD	NH3	Ecoli	TSS	BOD	NH3	Tot. Phos.	D.O.	p.H.	TRC	Tot. N		
10/1/15	0.048	9	2	0.14		3.598	0.800	0.056	2.22	7.8	6.6	0.01	14.37		
10/2/15	0.049				1					7.8	6.6	0.01			
10/3/15	0.071									8.8	6.1	0.01			
10/4/15	0.054									8.6	6.2	0.01			
10/5/15	0.043									8.4	6.2	0.01			
10/6/15	0.044									8.1	6.1	0.01			
10/7/15	0.047									7.7	6.4	0.01			
10/8/15	0.047									7.4	6.5	0.01			
10/9/15	0.045									7	6.3	0.01			
10/10/15	0.048									8.2	6.4	0.01			
10/11/15	0.050									8.6	6.3	0.01			
10/12/15	0.052									8.4	6.3	0.01			
10/13/15	0.065									8.3	6.6	0.01			
10/14/15	0.048									7.9	6.2	0.01			
10/15/15	0.046									7.7	6.4	0.01			
10/16/15	0.045									7.7	6.3	0.01			
10/17/15	0.049									8.1	6.7	0.01			
10/18/15	0.050									8.3	6.4	0.01			
10/19/15	0.044									8.4	6.2	0.01			
10/20/15	0.044									8.6	6.3	0.01			
10/21/15	0.050									8.3	6.4	0.01			
10/22/15	0.047									8	6.8	0.01			
10/23/15	0.047									8.2	6.6	0.01			
10/24/15	0.064									8.1	6.5	0.01			
10/25/15	0.079									8.3	6.2	0.01			
10/26/15	0.052									8	6.1	0.01			
10/27/15	0.106									7.9	6.3	0.01			
10/28/15	0.106									7.6	6.4	0.01			
10/29/15	0.134									7.1	6.8	0.01			
10/30/15	0.094									8.8	6.7	0.01			
10/31/15	0.079									8.9	6.7	0.01			
Average	0.060	9	2	0.1	1.00	4	0.800	0.06	2.2	8.10	6	0.01	14.37		
Maximum	0.134	9	2	0.1	1.00	4	0.800	0.1	2.2	8.90	7	0.01	14.37		
Exceed.	3	0	0	0	0	0	0	0							