



Louisville and Jefferson County Metropolitan Sewer District  
700 West Liberty Street  
Louisville Kentucky 40203-1911  
502-540-6000  
[www.msdlouky.org](http://www.msdlouky.org)

June 12, 2015

Ms. Cheryl Edwards  
Kentucky Division of Water  
200 Fair Oaks Lane, 4<sup>th</sup> Floor  
Frankfort, Kentucky 40601

**Re: MSD Metro Operations  
Starview WQTC; KPDES No.: KY0031712  
Discharge Monitoring Report – May 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 May 2015.

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,

A handwritten signature in black ink, appearing to read "Kevin Thompson", is written over the word "Sincerely,".

Kevin Thompson  
Process Supervisor Central Region

KLT/Starview 05.15

Enclosures

cc: R. Shaw  
T. Singleton



*Beneficial Use of Louisville's Biosolids*  
[www.louisvillegreen.com](http://www.louisvillegreen.com)

**DMR Copy of Record**

<b>Permit</b>					
<b>Permit #:</b>	<b>KY0031712</b>	<b>Permittee:</b>	STARVIEW WQTC MSD	<b>Facility:</b>	STARVIEW WQTC MSD
<b>Major:</b>	No	<b>Permittee Address:</b>	423 BERMUDA WAY LOUISVILLE, KY 40243	<b>Facility Location:</b>	423 BERMUDA WAY LOUISVILLE, KY 40243
<b>Permitted Feature:</b>	001 External Outfall	<b>Discharge:</b>	<b>001-1</b> DOMESTIC		

<b>Report Dates &amp; Status</b>					
<b>Monitoring Period:</b>	<b>From 05/01/15 to 05/31/15</b>	<b>DMR Due Date:</b>	<b>06/28/15</b>	<b>Status:</b>	<b>NetDMR Validated</b>

<b>Considerations for Form Completion</b>					
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<b>Principal Executive Officer</b>					
<b>First Name:</b>	Greg	<b>Title:</b>	Executive Director	<b>Telephone:</b>	502-540-6000
<b>Last Name:</b>	Heitzman				

<b>No Data Indicator (NODI)</b>					
<b>Form NODI:</b>	--				

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	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					=	7			=	8	12 - SU	0	01/01 - Daily	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	=	1	=	1.2	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																		
00600	Nitrogen, total [as N]	1 - Effluent Gross	0	--	Sample							=	17	=	17	19 - mg/L	0	01/30 - Monthly	CP - COMPOS				
					Permit Req.															01/30 - Monthly	24 - COMP24		
					Value NODI																		
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	1	--	Sample	=	0.37	=	0.37	26 - lb/d			=	0.6	=	0.6	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		01/30 - Monthly	24 - COMP24			
					Value NODI																		
00665	Phosphorus, total [as P]	1 - Effluent Gross	0	--	Sample							=	1.7	=	1.7	19 - mg/L	0	01/30 - Monthly	CP - COMPOS				
					Permit Req.																01/30 - Monthly	24 - COMP24	
					Value NODI																		
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	0.079	=	0.089	03 - MGD							0	99/99 - Continuous	CN - CONTIN				
					Permit Req.															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.																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.																	01/30 - Monthly	GR - GRAB
					Value NODI																		
80082	BOD, carbonaceous, 05 day, 20 C	1 - Effluent Gross	0	--	Sample	=	2	=	1.9	26 - lb/d			=	3	=	3	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**

<b>Attachments</b>		
Name	Type	Size
201505_Starview_MOR.pdf	pdf	26724
05_2015_Starview_Coverletter.pdf	pdf	40203

**Report Last Saved By**  
STARVIEW WQTC MSD

Name: Staci Huber

E-Mail: staci.huber@louisvillemsd.org

Starview		Report for		May-15		Tot. Exc.= 0							
Tot. Flow=	2.44557	Concentrations				Pounds							
Date	Flow	TSS	BOD	NH3	Ecoli	TSS	BOD	NH3	Tot. Phos.	D.O.	p.H.	TRC	Tot. N
5/1/15	0.079									8.4	7.1	0.01	
5/2/15	0.080									8.6	7.3	0.01	
5/3/15	0.079									8.1	7	0.01	
5/4/15	0.076	2	3	0.59		1.261	1.891	0.372	1.66	8.1	7.2	0.01	17.01
5/5/15	0.071				1					7.6	7.3	0.01	
5/6/15	0.073									7.3	7	0.01	
5/7/15	0.071									7.4	7.1	0.01	
5/8/15	0.074									7.2	7.3	0.01	
5/9/15	0.073									7.4	7.1	0.01	
5/10/15	0.074									7.6	7	0.01	
5/11/15	0.071									7.4	7.4	0.01	
5/12/15	0.084									7.8	7.5	0.01	
5/13/15	0.078									8.1	7.7	0.01	
5/14/15	0.064									7.8	7.8	0.01	
5/15/15	0.071									8.1	7.8	0.01	
5/16/15	0.081									8.6	7.5	0.01	
5/17/15	0.082									8.3	7.4	0.01	
5/18/15	0.072										7.6	0.01	
5/19/15	0.064									7.8	7.6	0.01	
5/20/15	0.066									8.2	7.1	0.01	
5/21/15	0.062									8.2	6.8	0.01	
5/22/15	0.062									8	6.8	0.01	
5/23/15	0.065									8.2	7	0.01	
5/24/15	0.065									8.2	6.8	0.01	
5/25/15	0.085									8.4	7	0.01	
5/26/15	0.085									8.9	6.8	0.01	
5/27/15	0.085									9	7.1	0.01	
5/28/15	0.178									8.4	6.6	0.01	
5/29/15	0.098									8.7	6.6	0.01	
5/30/15	0.094									7.5	6.9	0.01	
5/31/15	0.085									8	6.8	0.01	
Average	0.079	2	3	0.6	1.00	1	1.891	0.37	1.7	8.04	7	0.01	17.01
Maximum	0.178	2	3	0.6	1.00	1	1.891	0.4	1.7	9.00	8	0.01	17.01
Exceed.	1	0	0	0	0	0	0	0					