



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)

July 15, 2014

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 – June 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 June 2014.

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 cursive script that reads "Duane V. Wright".

Duane V. Wright  
Process Supervisor Central Region

DVW/Starview 06.14

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>					
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		

<b>Report Dates &amp; Status</b>					
Monitoring Period:	From 06/01/14 to 06/30/14	DMR Due Date:	07/28/14	Status:	NetDMR Validated

**Considerations for Form Completion**

<b>Principal Executive Officer</b>					
First Name:	Greg	Title:	Exec. Dir.	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	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	01/30 - Monthly	GR - GRAB	
					Value NODI														
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample	=	5	=	7.5		26 - lb/d	=	5	=	7		19 - mg/L	01/07 - Weekly	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	1 - Effluent Gross	0	--	Sample					=	20	=	23		19 - mg/L	01/07 - Weekly	CP - COMPOS		
					Permit Req.							Req Mon MO AVG		Req Mon WKLY AVG		19 - mg/L	01/30 - Monthly	24 - COMP24	
					Value NODI														
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	1	--	Sample	=	0.34	=	0.43		26 - lb/d	=	0.4	=	0.6		19 - mg/L	01/07 - Weekly	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					=	2.3	=	2.8		19 - mg/L	01/07 - Weekly	CP - COMPOS		
					Permit Req.							Req Mon MO AVG		Req Mon WKLY AVG		19 - mg/L	01/30 - Monthly	24 - COMP24	
					Value NODI														
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	0.104	=	0.132		03 - MGD						99/99 - Continuous	CN - CONTIN	
					Permit Req.		Req Mon MO AVG		Req Mon WKLY AVG		03 - MGD						0	01/30 - Monthly	IN - INSTAN
					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	01/30 - Monthly	GR - GRAB
					Value NODI														
51040	E. coli	1 - Effluent Gross	0	--	Sample							<	7	=	16		13 - #/100mL	01/07 - Weekly	GR - GRAB
					Permit Req.							<=	130 30DA GEO	<=	240 7 DA GEO		13 - #/100mL	01/30 - Monthly	GR - GRAB
					Value NODI														
80082	BOD, carbonaceous, 05 day, 20 C	1 - Effluent Gross	0	--	Sample	=	4	=	7.5		26 - lb/d	=	4	=	4		19 - mg/L	01/07 - Weekly	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
Starview062014_COVER.pdf	pdf	17478
Starview062014_MOR.pdf	pdf	25791

**Report Last Saved By**  
STARVIEW WQTC MSD

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

<b>Starview</b>		Report for		<b>Jun-14</b>		Tot. Exc.= 0						
Tot. Flow=	3.12569	Concentrations				Pounds						
Date	Flow	TSS	BOD	NH3	Ecoli	TSS	BOD	NH3	Tot. Phos.	D.O.	p.H.	TRC
6/1/14	0.125	7	3	0.39		7.275	3.118	0.405	1.64	9.8	6.9	0.01
6/2/14	0.113				6					10	7	0.01
6/3/14	0.102									10	7	0.01
6/4/14	0.100									11	7.1	0.01
6/5/14	0.093									10	6.9	0.01
6/6/14	0.084									9.9	6.8	0.01
6/7/14	0.089									11	6.7	0.01
6/8/14	0.095	3	4	0.28		2.372	3.163	0.221	2.46	9.8	6.7	0.01
6/9/14	0.089				5					10	6.7	0.01
6/10/14	0.095									9.4	6.4	0.01
6/11/14	0.115									10	6.6	0.01
6/12/14	0.112									10	6.7	0.01
6/13/14	0.094									10	6.8	0.01
6/14/14	0.091									10	6.6	0.01
6/15/14	0.091	4	3	0.56		3.049	2.287	0.427	2.32	10	6.8	0.01
6/16/14	0.090				5					9.8	6.7	0.01
6/17/14	0.091									10	6.7	0.01
6/18/14	0.088									9.7	6.8	0.01
6/19/14	0.086									9.9	6.7	0.01
6/20/14	0.104									9.4	6.4	0.01
6/21/14	0.104									8	7.3	0.01
6/22/14	0.225	4	4	0.17		7.517	7.517	0.319	2.83	8.6	7.3	0.01
6/23/14	0.105				16					9.2	7.4	0.01
6/24/14	0.099									9.4	6.8	0.01
6/25/14	0.113									9.6	6.9	0.01
6/26/14	0.113									9.8	6.8	0.01
6/27/14	0.180									9.2	6.7	0.01
6/28/14	0.086									9.2	6.7	0.01
6/29/14	0.082									8.8	6.6	0.01
6/30/14	0.072									9.4	6.5	0.01
7/1/14												
Average	0.104	5	4	0.4	7.00	5	4.021	0.34	2.3	9.70	7	0.01
Maximum	0.225	7	4	0.6	16.00	7.5	7.517	0.4	2.8	11.00	7	0.01
Exceed.	12	0	0	0	0	0	0	0				

Tot. N  
16.11

23.11

19.91

21.91

20.26

23.11

