



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

August 5, 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 – July 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 July 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 07.14

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 07/01/14 to 07/31/14	DMR Due Date:	08/28/14	Status:	NetDMR Validated

Considerations for Form Completion

Principal Executive Officer					
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	=	7				=	7				19 - mg/L	0	27/30 - 27 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	27/30 - 27 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	=	4	=	5.8	26 - lb/d	=	7	=	9	19 - mg/L	0	02/30 - Twice Per Month	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						=	23	=	25	19 - mg/L	0	02/30 - Twice Per Month	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	=	0.54	26 - lb/d	=	0.5	=	0.8	19 - mg/L	0	02/30 - Twice Per Month	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						=	3.2	=	3.5	19 - mg/L	0	02/30 - Twice Per Month	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	=	0.087	=	0.093	03 - MGD						0	99/99 - Continuous	CN - CONTIN	
					Permit Req.		Req Mon MO AVG		Req Mon WKLY AVG	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						<	30	=	32	13 - #/100mL	0	02/30 - Twice Per Month	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	=	2	=	2.6	26 - lb/d	=	4	=	4	19 - mg/L	0	02/30 - Twice Per Month	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
STARVIEW072014_cover.pdf	pdf	17349
STARVIEW072014_MOR.pdf	pdf	23504

Report Last Saved By
STARVIEW WQTC MSD

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

Starview		Report for		Jul-14		Tot. Exc.= 0							
Tot. Flow= Date	2.70404 Flow	TSS	Concentrations		Ecoli	TSS	Pounds BOD	NH3	Tot. Phos.	D.O.	p.H.	TRC	Tot. N
			BOD	NH3									
7/1/14	0.077	9	4	0.84		5.774	2.566	0.539	3.52	9.6	7	0.01	25.11
7/2/14	0.077				32							0.01	
7/3/14	0.180									9	7.1	0.01	
7/4/14	0.076									10	7.8	0.01	
7/5/14	0.075									9.7	7.6	0.01	
7/6/14	0.076									10	7.4	0.01	
7/7/14	0.078									9.8	7.4	0.01	
7/8/14	0.080									10	7.2	0.01	
7/9/14	0.073	5	3	0.22	29	3.026	1.815	0.133	2.89	10	7.3	0.01	
7/10/14	0.073											0.01	
7/11/14	0.073									9.8	7.2	0.01	
7/12/14	0.079									10	7	0.01	
7/13/14	0.085									9.6	7.2	0.01	21.41
7/14/14	0.137									10	7.1	0.01	
7/15/14	0.100									7.1	7	0.01	
7/16/14	0.086									7.8	7.1	0.01	
7/17/14	0.079									8	7.3	0.01	
7/18/14	0.077									7	7	0.01	
7/19/14	0.083									7.3	7	0.01	
7/20/14	0.082									7.3	7	0.01	
7/21/14	0.084									7.4	7.1	0.01	
7/22/14	0.077									7.3	7	0.01	
7/23/14	0.081									7.2	6.8	0.01	
7/24/14	0.073									7.3	6.7	0.01	
7/25/14	0.071									7.5	6.6	0.01	
7/26/14	0.079									7.3	6.7	0.01	
7/27/14	0.159									7.6	7.1	0.01	
7/28/14	0.111									7.3	6.8	0.01	
7/29/14	0.084											0.01	
7/30/14	0.058									7	6.8	0.01	
7/31/14	0.085									7	6.9	0.01	
Average	0.087	7	4	0.5	30.46	4	2.191	0.34	3.2	8.39	7	0.01	23.26
Maximum	0.180	9	4	0.8	32.00	5.8	2.566	0.5	3.5	10.00	8	0.01	25.11
Exceed.	5	0	0	0	0	0	0	0					