



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

August 26, 2013

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 2013.

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 2013.

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 that reads "Duane V. Wright". The signature is written in a cursive style.

Duane V. Wright
Process Supervisor Central Region

DVW/Starview 07.13

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 SANITARY WASTEWATER		

Report Dates & Status					
Monitoring Period:	From 07/01/13 to 07/31/13	DMR Due Date:	10/28/13	Status:	NetDMR Validated

Considerations for Form Completion
 Parameter 00610 - Use Season 1 for summer months (May, June, July, August, September, and October) and Season 2 for winter months (November, December, January, February March, and April); enter NODI=9 for the Season not needed.

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	28/30 - 28 Per Month 01/07 - Weekly	GR - GRAB GR - GRAB
					Permit Req.	>=	7 INST MIN							19 - mg/L					
					Value NODI														
00400	pH	1 - Effluent Gross	0	--	Sample	=	7				=	8			12 - SU	0	28/30 - 28 Per Month 01/07 - Weekly	GR - GRAB GR - GRAB	
					Permit Req.	>=	6 MINIMUM							<=	9 MAXIMUM				12 - SU
					Value NODI														
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample	=	2	=	3	26 - lb/d	=	2	=	2	19 - mg/L	0	01/07 - Weekly 01/07 - Weekly	CP - COMPOS CP - COMPOS	
					Permit Req.	<=	25 30DA AVG	<=	50 DAILY MX	26 - lb/d	<=	30 30DA AVG	<=	60 DAILY MX	19 - mg/L				
					Value NODI														
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	1	--	Sample	=	0.35	=	0.61	26 - lb/d	=	0.3	=	0.5	19 - mg/L	0	01/07 - Weekly 01/07 - Weekly	CP - COMPOS CP - COMPOS	
					Permit Req.	<=	3.34 30DA AVG	<=	6.68 DAILY MX	26 - lb/d	<=	4 30DA AVG	<=	8 DAILY MX	19 - mg/L				
					Value NODI														
00665	Phosphorus, total [as P]	1 - Effluent Gross	0	--	Sample						=	2.7	=	3.5	19 - mg/L	0	01/07 - Weekly 01/07 - Weekly	CP - COMPOS CP - COMPOS	
					Permit Req.							Req Mon 30DA AVG		Req Mon DAILY MX	19 - mg/L				
					Value NODI														
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	0.09	=	0.271	03 - MGD						0	99/99 - Continuous 99/99 - Continuous	CN - CONTIN CN - CONTIN	
					Permit Req.		Req Mon 30DA AVG		Req Mon INST MAX	03 - MGD									
					Value NODI														
50060	Chlorine, total residual	1 - Effluent Gross	0	--	Sample						<	0.01	<	0.01	19 - mg/L	0	28/30 - 28 Per Month 01/07 - Weekly	GR - GRAB GR - GRAB	
					Permit Req.						<=	.011 30DA AVG	<=	.019 DAILY MX	19 - mg/L				
					Value NODI														
74055	Coliform, fecal general	1 - Effluent Gross	0	--	Sample						=	7	=	23	13 - #/100mL	0	01/07 - Weekly 01/07 - Weekly	GR - GRAB GR - GRAB	
					Permit Req.						<=	200 30DA GEO	<=	400 7 DA GEO	13 - #/100mL				
					Value NODI														
80082	BOD, carbonaceous, 05 day, 20 C	1 - Effluent Gross	0	--	Sample	=	2	=	3	26 - lb/d	=	2	=	2	19 - mg/L	0	01/07 - Weekly 01/07 - Weekly	CP - COMPOS CP - COMPOS	
					Permit Req.	<=	25 30DA AVG	<=	50 DAILY MX	26 - lb/d	<=	30 30DA AVG	<=	60 DAILY MX	19 - mg/L				
					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
 Dissolved Oxygen and pH were sampled 29 out of 31 days. There are no freq. of analysis codes in NetDMR program for 29/31 days.

Attachments

Name	Type	Size
Starview072013_MOR.pdf	pdf	24252
Starview072013_COVER.pdf	pdf	17188

Report Last Saved By
STARVIEW WQTC MSD

User:	kevin.ries@louisvillemsd.org	Date/Time:	2013-08-27 11:32 (Time Zone: -04:00)
Name:	Kevin Ries		
E-Mail:	kevin.ries@louisvillemsd.org		

Starview		Report for		Jul-13		Tot. Exc.= 0							
Tot. Flow= Date	2.78702 Flow	TSS	Concentrations		Fecal	TSS	Pounds		NH3	Tot. Phos.	D.O.	p.H.	TRC
			BOD	NH3			BOD						
7/1/13	0.187	2	2	0.39		3.126	3.126	0.610	1.43	8.4	7	0.01	
7/2/13	0.064				2					8.8	7.1	0.01	
7/3/13	0.064									8.6	6.9	0.01	
7/4/13	0.138									8.8	7	0.01	
7/5/13	0.136									7.9	7.9	0.01	
7/6/13	0.271												
7/7/13	0.192												
7/8/13	0.116	2	2	0.28		1.940	1.940	0.272	3.53	7.7	7.9	0.01	
7/9/13	0.087				4					7.8	7.7	0.01	
7/10/13	0.105									8.3	7.4	0.01	
7/11/13	0.121									8.6	7.3	0.01	
7/12/13	0.081									8.8	7.1	0.01	
7/13/13	0.072									7.5	7.2	0.01	
7/14/13	0.070									7.3	7.2	0.01	
7/15/13	0.072	2	2	0.22		1.203	1.203	0.132	2.71	7.5	7.2	0.01	
7/16/13	0.070				11					7.3	7.2	0.01	
7/17/13	0.057									8.2	6.8	0.01	
7/18/13	0.052									8.5	6.8	0.01	
7/19/13	0.049									8.1	6.7	0.01	
7/20/13	0.052									7.4	7.2	0.01	
7/21/13	0.050									7.7	6.9	0.01	
7/22/13	0.095	2	2	0.5		1.585	1.585	0.396	3.23	8.3	7	0.01	
7/23/13	0.101				23					8.6	7.2	0.01	
7/24/13	0.093									8.1	7	0.01	
7/25/13	0.078									8.8	7.2	0.01	
7/26/13	0.060									8.5	7.2	0.01	
7/27/13	0.059									8.7	7.1	0.01	
7/28/13	0.048									8.3	7	0.01	
7/29/13	0.050									8.8	7.3	0.01	
7/30/13	0.046									8.6	7.1	0.01	
7/31/13	0.051									8.9	7.1	0.01	
Average	0.090	2	2	0.3	6.71	2	1.964	0.35	2.7	8.23	7	0.01	
Maximum	0.271	2	2	0.5	23.00	3	3.126	0.6	3.5	8.90	8	0.01	
Exceed.	9	0	0	0	0	0	0	0					