



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

September 9, 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 – August 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 August 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 cursive script that reads "Duane V. Wright".

Duane V. Wright
Process Supervisor Central Region

DVW/Starview 08.13

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 08/01/13 to 08/31/13	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										19 - mg/L	01/01 - Daily	GR - GRAB		
					Permit Req.	>=	7 INST MIN												19 - mg/L	01/07 - Weekly	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	01/07 - Weekly	GR - GRAB
					Value NODI																
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample	=	1	=	2	26 - lb/d	=	3	=	6			19 - mg/L	01/07 - Weekly	CP - COMPOS		
					Permit Req.	<=	25 30DA AVG	<=	50 DAILY MX	26 - lb/d	<=	30 30DA AVG	<=	60 DAILY MX				19 - mg/L	01/07 - Weekly	CP - COMPOS	
					Value NODI																
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	1	--	Sample	=	0.2	=	0.27	26 - lb/d	=	0.5	=	0.6			19 - mg/L	01/07 - Weekly	CP - COMPOS		
					Permit Req.	<=	3.34 30DA AVG	<=	6.68 DAILY MX	26 - lb/d	<=	4 30DA AVG	<=	8 DAILY MX				19 - mg/L	01/07 - Weekly	CP - COMPOS	
					Value NODI																
00665	Phosphorus, total [as P]	1 - Effluent Gross	0	--	Sample						=	3.2	=	3.8			19 - mg/L	01/07 - Weekly	CP - COMPOS		
					Permit Req.						Req Mon 30DA AVG		Req Mon DAILY MX				19 - mg/L	01/07 - Weekly	CP - COMPOS		
					Value NODI																
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	0.052	=	0.109	03 - MGD								99/99 - Continuous	CN - CONTIN		
					Permit Req.		Req Mon 30DA AVG		Req Mon INST MAX	03 - MGD										99/99 - Continuous	CN - CONTIN
					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 30DA AVG	<=	.019 DAILY MX				19 - mg/L	01/07 - Weekly	GR - GRAB	
					Value NODI																
74055	Coliform, fecal general	1 - Effluent Gross	0	--	Sample						=	6	=	15			13 - #/100mL	01/07 - Weekly	GR - GRAB		
					Permit Req.						<=	200 30DA GEO	<=	400 7 DA GEO				13 - #/100mL	01/07 - Weekly	GR - GRAB	
					Value NODI																
80082	BOD, carbonaceous, 05 day, 20 C	1 - Effluent Gross	0	--	Sample	=	1	=	1	26 - lb/d	=	3	=	3			19 - mg/L	01/07 - Weekly	CP - COMPOS		
					Permit Req.	<=	25 30DA AVG	<=	50 DAILY MX	26 - lb/d	<=	30 30DA AVG	<=	60 DAILY MX				19 - mg/L	01/07 - Weekly	CP - COMPOS	
					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
Starview082013_cover.pdf	pdf	17237
Starview082013_MOR.pdf	pdf	24749

Report Last Saved By
 STARVIEW WQTC MSD

User: kevin.ries@louisvillemsd.org | Date/Time: 2013-09-23 09:00 (Time Zone: -04:00)
 Name: Kevin Ries
 E-Mail: kevin.ries@louisvillemsd.org

Starview	Report for		Aug-13		Tot. Exc.= 0							
Tot. Flow= Date	1.62231 Flow	TSS	Concentrations		Fecal	TSS	Pounds		Tot. Phos.	D.O.	p.H.	TRC
			BOD	NH3			BOD	NH3				
8/1/13	0.047	2	3	0.56		0.791	1.187	0.222	2.91	8	7.1	0.01
8/2/13	0.044				11					8.8	7.2	0.01
8/3/13	0.049									8.6	7.1	0.01
8/4/13	0.045									8.9	7.3	0.01
8/5/13	0.043									8.5	6.9	0.01
8/6/13	0.043									8.8	6.8	0.01
8/7/13	0.045									8.6	6.9	0.01
8/8/13	0.045	2	2	0.5		0.757	0.757	0.189	3.75	8.3	6.8	0.01
8/9/13	0.093				15					8.5	6.7	0.01
8/10/13	0.060									8.6	6.9	0.01
8/11/13	0.051									8.3	6.8	0.01
8/12/13	0.056									8.7	7	0.01
8/13/13	0.109									8.4	6.9	0.01
8/14/13	0.079									9.2	7.2	0.01
8/15/13	0.071	3	2	0.45		1.778	1.185	0.267	2.56	8.8	7	0.01
8/16/13	0.050				4					9	7	0.01
8/17/13	0.048									8.8	7	0.01
8/18/13	0.048									7	7.3	0.01
8/19/13	0.043									8.2	7.2	0.01
8/20/13	0.044									8.1	7.1	0.01
8/21/13	0.044									8	6.9	0.01
8/22/13	0.042	6	3	0.34		2.089	1.044	0.118	3.71	8.5	6.2	0.01
8/23/13	0.040				2					8.2	6.6	0.01
8/24/13	0.045									8	6.5	0.01
8/25/13	0.047									8	6.3	0.01
8/26/13	0.042									8.2	6.6	0.01
8/27/13	0.045									7.9	7	0.01
8/28/13	0.044									8.3	6.8	0.01
8/29/13	0.043									7.9	6.7	0.01
8/30/13	0.038									8.4	6.6	0.01
8/31/13	0.077									8	6.3	0.01
Average	0.052	3	3	0.5	6.03	1	1.043	0.20	3.2	8.37	7	0.01
Maximum	0.109	6	3	0.6	15.00	2	1.187	0.3	3.8	9.20	7	0.01
Exceed.	1	0	0	0	0	0	0	0				