

# MSD

Metropolitan Sewer District

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)

January 13, 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 – December 2013.**

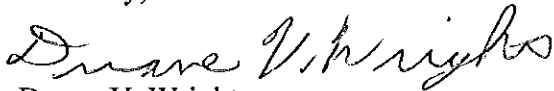
Dear Ms. Edwards:

Attached are the Discharge Monitoring Reports (DMRs) and the Monthly Operating Report (MOR) for the Starview WQTC, KPDES No.: KY0031712 for the month of December 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,



Duane V. Wright  
Process Supervisor Central Region

DVW/Starview 12.13

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 SANITARY WASTEWATER		

<b>Report Dates &amp; Status</b>					
Monitoring Period:	From 12/01/13 to 12/31/13	DMR Due Date:	01/28/14	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.

<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	=	7				=	7				19 - mg/L	0	01/01 - Daily	GR - GRAB
					Permit Req.	>=	7 INST MIN									19 - mg/L	0	01/07 - Weekly	GR - GRAB
					Value NODI														
00400	pH	1 - Effluent Gross	0	--	Sample	=	7				=	7			12 - SU	0	01/01 - Daily	GR - GRAB	
					Permit Req.	>=	6 MINIMUM									12 - SU	0	01/07 - Weekly	GR - GRAB
					Value NODI														
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample	=	2	=	3	26 - lb/d	=	2	=	3	19 - mg/L	0	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	0	01/07 - Weekly	CP - COMPOS	
					Value NODI														
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	2	--	Sample	=	0.28	=	0.4	26 - lb/d	=	0.3	=	0.3	19 - mg/L	0	01/07 - Weekly	CP - COMPOS	
					Permit Req.	<=	8.34 30DA AVG	<=	16.7 DAILY MX	26 - lb/d	<=	10 30DA AVG	<=	20 DAILY MX	19 - mg/L	0	01/07 - Weekly	CP - COMPOS	
					Value NODI														
00665	Phosphorus, total [as P]	1 - Effluent Gross	0	--	Sample						=	1.2	=	1.5	19 - mg/L	0	01/07 - Weekly	CP - COMPOS	
					Permit Req.							Req Mon 30DA AVG		Req Mon DAILY MX	19 - mg/L	0	01/07 - Weekly	CP - COMPOS	
					Value NODI														
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	0.138	=	0.285	03 - MGD							99/99 - Continuous	CN - CONTIN	
					Permit Req.		Req Mon 30DA AVG		Req Mon INST MAX	03 - MGD							0	99/99 - Continuous	CN - CONTIN
					Value NODI														
50060	Chlorine, total residual	1 - Effluent Gross	0	--	Sample						<	0.01	<	0.01	19 - mg/L	0	29/30 - 29 Per Month	GR - GRAB	
					Permit Req.							<=	.011 30DA AVG	<=	.019 DAILY MX	19 - mg/L	0	01/07 - Weekly	GR - GRAB
					Value NODI														
74055	Coliform, fecal general	1 - Effluent Gross	0	--	Sample						=	4	=	26	13 - #/100mL	0	01/07 - Weekly	GR - GRAB	
					Permit Req.							<=	200 30DA GEO	<=	400 7 DA GEO	13 - #/100mL	0	01/07 - Weekly	GR - GRAB
					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	CP - COMPOS	
					Permit Req.	<=	25 30DA AVG	<=	50 DAILY MX	26 - lb/d	<=	30 30DA AVG	<=	60 DAILY MX	19 - mg/L	0	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**

<b>Attachments</b>		
Name	Type	Size
STRVW122013_COVER.pdf	pdf	16670
STRVW122013_MOR.pdf	pdf	24488

**Report Last Saved By**  
 STARVIEW WQTC MSD

User:	kevin.ries@louisvillemsd.org	Date/Time:	2014-01-21 08:54 (Time Zone: -05:00)
Name:	Kevin Ries		
E-Mail:	kevin.ries@louisvillemsd.org		

Starview		Report for		Dec-13		Tot. Exc.= 0						
Tot. Flow= 4.287705		Concentrations		Pounds								
Date	Flow	TSS	BOD	NH3	Fecal	TSS	BOD	NH3	Tot. Phos.	D.O.	p.H.	TRC
12/1/13	0.073	3	2	0.28		1.829	1.220	0.171	1.51	10	7.4	0.01
12/2/13	0.064				3					9.8	7.3	0.01
12/3/13	0.063									9.5	7.1	0.01
12/4/13	0.063									11	6.8	0.01
12/5/13	0.103									10	6.9	0.01
12/6/13	0.161									10	7	0.01
12/7/13	0.162									11	7.1	0.01
12/8/13	0.147	2	2	0.22		2.455	2.455	0.270	1.22	11	7.1	0.01
12/9/13	0.138				2					11	7	0.01
12/10/13	0.125									10	7	0.01
12/11/13	0.107									11	6.9	0.01
12/12/13	0.097									10	6.9	0.01
12/13/13	0.089									11	6.8	0.01
12/14/13	0.168									10	6.9	0.01
12/15/13	0.171	2	2	0.22		2.849	2.849	0.313	1.13	10	7.1	0.01
12/16/13	0.137				2					11	7	0.01
12/17/13	0.126									10	7	0.01
12/18/13	0.105									11	6.9	0.01
12/19/13	0.105									10	6.7	0.01
12/20/13	0.229									11	6.8	0.01
12/21/13	0.211									11	6.8	0.01
12/22/13	0.285											
12/23/13	0.239									7.4	7.3	0.01
12/24/13	0.174									8	7.3	0.01
12/25/13	0.148									9.7	7	0.01
12/26/13	0.131	2	2	0.34		2.177	2.177	0.370	0.814	9.5	7.1	0.01
12/27/13	0.121				26					9	6.9	0.01
12/28/13	0.114									9.3	7	0.01
12/29/13	0.159									9.1	7	0.01
12/30/13	0.137									9.8	6.8	0.01
12/31/13	0.137									10	6.8	0.01
Average	0.138	2	2	0.3	4.20	2	2.175	0.28	1.2	10.04	7	0.01
Maximum	0.285	3	2	0.3	26.00	3	2.849	0.4	1.5	11.00	7	0.01
Exceed.	25	0	0	0	0	0	0	0				