

# 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)

April 9, 2013

Cheryl Edwards  
Kentucky Division of Water  
200 Fair Oaks Lane  
Frankfort, Kentucky 40601

**Re: MSD Metro Operations  
Ken Carla WQTC; KPDES No.: KY 0022497  
Discharge Monitoring Reports for March 2013.**

Dear Ms. Edwards:

Attached are the Discharge Monitoring Reports (DMRs) and the Monthly Operator Report (MOR) for the Ken Carla WQTC; KPDES No.: KY0022497 for the month of March 2013.

There were no exceedences, overflows or bypass reports for this month.

If you have any questions concerning the attached DMRs, please contact me at (502)587-5856.

Sincerely,



Richard Mills  
Process Supervisor of Metro Operations

RM/Ken Carla 03/13.

Enclosures

cc: T. Singleton  
R. Shaw



*Beneficial Use of Louisville's Biosolids*  
[www.louisvillegreen.com](http://www.louisvillegreen.com)

**DMR Copy of Record**

<b>Permit</b>			
Permit #:	KY0022497	Permittee:	KEN CARLA WQTC MSD
Major:	No	Permittee Address:	8701 LYNNHALL CT LOUISVILLE, KY 40059
Permitted Feature:	001 External Outfall	Discharge:	001-1 SANITARY WASTEWATER
Facility:		Facility Location:	KEN CARLA WQTC MSD 8701 LYNNHALL CT LOUISVILLE, KY 40059

<b>Report Dates &amp; Status</b>			
Monitoring Period:	From 03/01/13 to 03/31/13	DMR Due Date:	04/28/13
Status:	NetDMR Validated		

**Considerations for Form Completion**

<b>Principal Executive Officer</b>			
First Name:	Greg C.	Title:	Executive Director
Last Name:	Heitzman	Telephone:	502-540-6000

**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.					>=	2 INST MIN					19 - mg/L	01/30 - Monthly	GR - GRAB	
					Value NODI														
00310	BOD, 5-day, 20 deg. C	1 - Effluent Gross	0	--	Sample	=	0.32	=	0.32	26 - lb/d	=	5	=	5	19 - mg/L	01/30 - Monthly	CP - COMPOS		
					Permit Req.	<=	2.5 30DA AVG	<=	5 DAILY MX	26 - lb/d	<=	30 30DA AVG	<=	60 DAILY MX	19 - mg/L	01/30 - Monthly	CP - COMPOS		
					Value NODI														
00400	pH	1 - Effluent Gross	0	--	Sample					=	7			=	9	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	=	1.49	=	2.67	26 - lb/d	=	29	=	42	19 - mg/L	01/30 - Monthly	CP - COMPOS		
					Permit Req.	<=	2.5 30DA AVG	<=	5 DAILY MX	26 - lb/d	<=	30 30DA AVG	<=	60 DAILY MX	19 - mg/L	01/30 - Monthly	CP - COMPOS		
					Value NODI														
00610	Nitrogen, ammonia total (as N)	1 - Effluent Gross	0	--	Sample	=	0.05	=	0.05	26 - lb/d	=	0.7	=	0.7	19 - mg/L	01/30 - Monthly	CP - COMPOS		
					Permit Req.	<=	1.67 30DA AVG	<=	3.34 DAILY MX	26 - lb/d	<=	20 30DA AVG	<=	40 DAILY MX	19 - mg/L	01/30 - Monthly	CP - COMPOS		
					Value NODI														
00665	Phosphorus, total (as P)	1 - Effluent Gross	0	--	Sample					=	0.6	=	1	19 - mg/L	01/30 - Monthly	CP - COMPOS			
					Permit Req.									Req Mon 30DA AVG	Req Mon DAILY MX	19 - mg/L	01/30 - Monthly	CP - COMPOS	
					Value NODI														
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	0.003	=	0.014	03 - MGD						999 - See Comments	CN - CONTIN		
					Permit Req.									Req Mon 30DA AVG	Req Mon INST MAX	03 - MGD	05/07 - Weekdays	IN - INSTAN	
					Value NODI														
74055	Coliform, fecal general	1 - Effluent Gross	0	--	Sample					=	5	=	0	13 - #/100mL	01/30 - Monthly	GR - GRAB			
					Permit Req.								<=	200 30DA GEO	<=	400 7 DA GEO	13 - #/100mL	01/30 - Monthly	GR - GRAB
					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
201303KenCarla_COVER.pdf	pdf	14869
201303KenCarla_MOR.pdf	pdf	19465

**Report Last Saved By**  
**KEN CARLA WQTC MSD**

User:	millsr@louisvillemsd.org	Date/Time:	2013-04-24 14:25 (Time Zone: -04:00)
Name:	Richard Mills		
E-Mail:	millsr@louisvillemsd.org		

<b>Ken Carla</b>		Report for <b>Mar-13</b>			Tot. Exc.= 0							
Tot. Flow=	0.087658	Concentrations			Pounds							
Date	Flow	TSS	BOD	NH3	Fecal	TSS	BOD	NH3	Tot. Phos.	D.O.	p.H.	TRC
3/1/13	0.001											
3/2/13	0.002									7.4	7.8	
3/3/13	0.002									12	8	
3/4/13	0.001									12	8.3	
3/5/13												
3/6/13	0.002									9.8	7.5	
3/7/13	0.002									11	7.6	
3/8/13	0.002									9.9	6.7	
3/9/13	0.002									10	6.6	
3/10/13	0.002									10	7.5	
3/11/13	0.008	42	5	0.73		2.669	0.318	0.046	1.01	10	7	
3/12/13	0.002				5					10	7.5	
3/13/13	0.002									9.9	7.7	
3/14/13	0.003	15				0.317				11	8.4	
3/15/13	0.002									10	8	
3/16/13	0.002									9.4	6.6	
3/17/13	0.006									9.8	7	
3/18/13	0.014									9.5	8.6	
3/19/13	0.004									9.8	7.3	
3/20/13	0.003									9	7	
3/21/13	0.002									9.2	7.2	
3/22/13	0.003								0.209	9	7.3	
3/23/13	0.002									9.6	7.3	
3/24/13	0.003									9.6	7.2	
3/25/13	0.002									9.3	7.3	
3/26/13	0.001									9.5	7.2	
3/27/13	0.002									9	7.4	
3/28/13	0.003									9.3	7.5	
3/29/13	0.002									9.2	7.4	
3/30/13	0.002									9.4	7.4	
3/31/13	0.002									9.3	7.5	
Average	0.003	29	5	0.7	5.00	1	0.318	0.05	0.6	9.76	7	0.00
Maximum	0.014	42	5	0.7	5.00	3	0.318	0.0	1.0	12.00	9	0.00