



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

January 5, 2015

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 December 2014.**

Dear Ms. Edwards:

Attached is the Discharge Monitoring Reports (DMRs) and the Monthly Operator Report (MOR) for the Ken Carla WQTC; KPDES No.: KY0022497 for the month of December 2014.

There were no exceedances, bypasses or overflows to report for this month.

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

Sincerely,

A handwritten signature in cursive script that reads "Duane V. Wright".

Duane V. Wright  
Process Supervisor, East Region

DVW/Ken Carla 12/14.

Enclosures

cc: T. Singleton  
R. Shaw



*Beneficial Use of Louisville's Biosolids  
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 12/01/14 to 12/31/14	DMR Due Date:	01/28/15
Status:	NetDMR Validated		

**Considerations for Form Completion**

<b>Principal Executive Officer</b>			
First Name:	Greg	Title:	Exec. Dir.
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	29/30 - 29 Per Month	GR - GRAB			
					Permit Req.						>=	2 INST MIN							19 - mg/L	0	01/30 - Monthly	GR - GRAB
					Value NODI																	
00310	BOD, 5-day, 20 deg. C	1 - Effluent Gross	0	--	Sample	=	0.1	=	0.11	26 - lb/d		=	4	=	4		19 - mg/L	01/30 - Monthly	CP - COMPOS			
					Permit Req.	<=	2.5 MO AVG	<=	3.75 WKLY AVG	26 - lb/d		<=	30 MO AVG	<=	45 WKLY AVG		19 - mg/L	0	01/30 - Monthly	24 - COMP24		
					Value NODI																	
00400	pH	1 - Effluent Gross	0	--	Sample						=	7			=	8		12 - SU	29/30 - 29 Per Month	GR - GRAB		
					Permit Req.						>=	6 MINIMUM			<=	9 MAXIMUM		12 - SU	0	01/30 - Monthly	GR - GRAB	
					Value NODI																	
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample	=	0.03	=	0.03	26 - lb/d		=	1	=	1		19 - mg/L	01/30 - Monthly	CP - COMPOS			
					Permit Req.	<=	2.5 MO AVG	<=	3.75 WKLY AVG	26 - lb/d		<=	30 MO AVG	<=	45 WKLY AVG		19 - mg/L	0	01/30 - Monthly	24 - COMP24		
					Value NODI																	
00600	Nitrogen, total [as N]	1 - Effluent Gross	0	--	Sample						=	20	=	20		19 - mg/L	01/30 - Monthly	CP - COMPOS				
					Permit Req.																	
					Value NODI																	
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	0	--	Sample	=	0.01	=	0.01	26 - lb/d		=	0.3	=	0.3		19 - mg/L	01/30 - Monthly	CP - COMPOS			
					Permit Req.	<=	1.67 MO AVG	<=	2.5 WKLY AVG	26 - lb/d		<=	20 MO AVG	<=	30 WKLY AVG		19 - mg/L	0	01/30 - Monthly	24 - COMP24		
					Value NODI																	
00665	Phosphorus, total [as P]	1 - Effluent Gross	0	--	Sample						=	0.6	=	2.4		19 - mg/L	06/30 - Six Per Month	CP - COMPOS				
					Permit Req.																	
					Value NODI																	
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	0.003	=	0.005	03 - MGD								06/30 - Six Per Month	IN - INSTAN			
					Permit Req.																	
					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.																	
					Value NODI																	
51040	E. coli	1 - Effluent Gross	0	--	Sample						=	1	=	1		13 - #/100mL	01/30 - Monthly	GR - GRAB				
					Permit Req.																	
					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
KENCARLA122014_COVER.pdf	pdf	16522
KENCARLA122014_MOR.pdf	pdf	16923

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

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

<b>Ken Carla</b>		Report for	<b>Dec-14</b>		Tot. Exc.=		0							
Tot. Flow= Date	0.09241 Flow	TSS	Concentrations		Ecoli	TSS	Pounds		NH3	Tot. Phos.	D.O.	p.H.	TRC	Tot.N
			BOD	NH3			BOD							
12/1/14	0.005										7.8	7.2	0.01	
12/2/14	0.003	1	4	0.28		0.027	0.107	0.008	2.43		8.2	7.5	0.01	20.31
12/3/14	0.002				1						7.7	7.4	0.01	
12/4/14	0.002										7.4	7.3	0.01	
12/5/14	0.004										7.3	7.1	0.01	
12/6/14	0.014										7.2	7	0.01	
12/7/14	0.003										7.7	7	0.01	
12/8/14	0.003										7.3	7	0.01	
12/9/14	0.003								0.374		7.4	7.1	0.01	
12/10/14	0.003								0.06		7.3	7.1	0.01	
12/11/14	0.003								0.327		7.2	7	0.01	
12/12/14	0.003										7.2	7	0.01	
12/13/14	0.003										8.9	7.8	0.01	
12/14/14	0.002										9.3	8.2	0.01	
12/15/14	0.003										8.6	8	0.01	
12/16/14	0.001										8.8	8.1	0.01	
12/17/14	0.001												0.01	
12/18/14	0.003									7.9	7.6	0.01		
12/19/14	0.003									7.8	7.5	0.01		
12/20/14	0.002									7.6	7.5	0.01		
12/21/14	0.002									7.5	7.6	0.01		
12/22/14	0.002								0.163		7.8	7.6	0.01	
12/23/14	0.003										7.7	7.5	0.01	
12/24/14	0.003										7.6	7.6	0.01	
12/25/14	0.003										7.9	7.6	0.01	
12/26/14	0.002										7.9	7.6	0.01	
12/27/14	0.002									8	7.6	0.01		
12/28/14	0.003								0.211		7.6	7.6	0.01	
12/29/14	0.002										7.4	7.4	0.01	
12/30/14	0.002										7.5	7.5	0.01	
12/31/14	0.003										7.5	7.5	0.01	
Average	0.003	1	4	0.3	1.00	0	0.107	0.01	0.6	7.77	7	0.01	20.31	
Maximum	0.014	1	4	0.3	1.00	0	0.107	0.0	2.4	9.30	8	0.01	20.31	
Exceed.	1	0	0	0	0	0	0	0						