



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

August 13, 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 July 2015.**

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 July 2015.

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 07/15.

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 07/01/15 to 07/31/15	DMR Due Date:	08/28/15
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	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	=	0.1	=	0.08	26 - lb/d		=	2	=	2		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	01/30 - Monthly	24 - COMP24		
					Value NODI																
00400	pH	1 - Effluent Gross	0	--	Sample						=	7			=	8	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	=	0.1	=	0.11	26 - lb/d		=	3	=	3		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	01/30 - Monthly	24 - COMP24		
					Value NODI																
00600	Nitrogen, total [as N]	1 - Effluent Gross	0	--	Sample						=	19	=	19		19 - mg/L	01/30 - Monthly	CP - COMPOS			
					Permit Req.												19 - mg/L	01/30 - Monthly	24 - COMP24		
					Value NODI																
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	0	--	Sample	=	0.02	=	0.02	26 - lb/d		=	0.5	=	0.5		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	01/30 - Monthly	24 - COMP24		
					Value NODI																
00665	Phosphorus, total [as P]	1 - Effluent Gross	0	--	Sample						=	0.02	=	0.02		19 - mg/L	01/30 - Monthly	CP - COMPOS			
					Permit Req.												19 - mg/L	01/30 - Monthly	24 - COMP24		
					Value NODI																
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	0.009	=	0.015	03 - MGD								99/99 - Continuous	IN - INSTAN		
					Permit Req.															01/30 - Monthly	IN - INSTAN
					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.															01/30 - Monthly	GR - GRAB
					Value NODI																
51040	E. coli	1 - Effluent Gross	0	--	Sample						=	1	=	1		13 - #/100mL	01/30 - Monthly	GR - GRAB			
					Permit Req.															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**

<b>Attachments</b>		
Name	Type	Size
KC072015_MOR.pdf	pdf	23078
kencarla072015_COVER.pdf	pdf	45109

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

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

Ken Carla		Report for		Jul-15		Tot. Exc.=		0							
Tot. Flow= 0.283859				Concentrations				Pounds							
Date	Flow	TSS	BOD	NH3	Ecoli	TSS	BOD	NH3	Tot. Phos.	D.O.	p.H.	TRC	Tot.N		
7/1/15	0.005	3	2	0.5		0.115	0.077	0.019	0.022	7	7.2	<0.010	18.76		
7/2/15	0.004				1					7.1	7.1	<0.010			
7/3/15	0.003									7.2	7.2	<0.010			
7/4/15	0.003									7.2	7.1	<0.010			
7/5/15	0.003									7	7	<0.010			
7/6/15	0.002									7.1	7.1	<0.010			
7/7/15	0.006									7.7	7.1	<0.010			
7/8/15	0.005									7.4	7.2	<0.010			
7/9/15	0.006									7.5	7.1	<0.010			
7/10/15	0.006									7.5	7.7	<0.010			
7/11/15	0.004									7.5	7	<0.010			
7/12/15	0.026									7.5	7.1	<0.010			
7/13/15	0.017									7.5	7.1	<0.010			
7/14/15	0.026									7.3	7	<0.010			
7/15/15	0.006									7.3	7	<0.010			
7/16/15	0.006									7.3	7	<0.010			
7/17/15	0.008									7.3	7	<0.010			
7/18/15	0.006									7	6.6	<0.010			
7/19/15	0.006									7.1	6.9	<0.010			
7/20/15	0.007									7.3	7	<0.010			
7/21/15	0.006									7.5	7	<0.010			
7/22/15	0.007									7.4	7.1	<0.010			
7/23/15	0.005									7.5	7	<0.010			
7/24/15	0.018									7.4	6.8	<0.010			
7/25/15	0.019									10	7	<0.010			
7/26/15	0.023									9.2	7	<0.010			
7/27/15	0.024									8.3	7.1	<0.010			
7/28/15	0.012									8.8	7.2	<0.010			
7/29/15	0.007									8.1	7	<0.010			
7/30/15	0.004									8	6.8	<0.010			
7/31/15	0.003									7.9	6.9	<0.010			
Average	0.009	3	2	0.5	1.00	0	0.077	0.02	0.0	7.61	7	0.00	18.76		
Maximum	0.026	3	2	0.5	1.00	0	0.077	0.0	0.0	10.00	8	0.00	18.76		
Exceed.	8	0	0	0	0	0	0	0							