

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*

June 19, 2014

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 May 2014.**

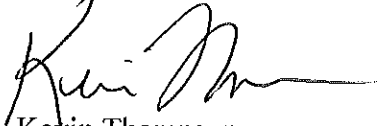
Dear Ms. Edwards:

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 May 2014.

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,



Kevin Thompson
Process Supervisor, East Region

KT/Ken Carla 05/14.

Enclosures

cc: T. Singleton
R. Shaw



Beneficial Use of Louisville's Biosolids
www.louisvillegreen.com

DMR Copy of Record

Permit			
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

Report Dates & Status			
Monitoring Period:	From 05/01/14 to 05/31/14	DMR Due Date:	06/28/14
Status:	NetDMR Validated		

Considerations for Form Completion

Principal Executive Officer			
First Name:	Greg	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						=	8					19 - mg/L	01/01 - Daily	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	=	0.05	=	0.05	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	0	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	0	01/30 - Monthly	GR - GRAB	
					Value NODI																	
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample	=	0.2	=	0.16	26 - lb/d		=	10	=	10		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	1 - Effluent Gross	0	--	Sample							=	26	=	26		19 - mg/L	01/30 - Monthly	24 - COMP24			
					Permit Req.													19 - mg/L	0	01/30 - Monthly	24 - COMP24	
					Value NODI																	
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	0	--	Sample	=	0.003	=	0.003	26 - lb/d		=	0.2	=	0.2		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							=	0.2	=	0.2		19 - mg/L	01/30 - Monthly	CP - COMPOS			
					Permit Req.													19 - mg/L	0	01/30 - Monthly	24 - COMP24	
					Value NODI																	
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	0.003	=	0.013	03 - MGD								99/99 - Continuous	IN - INSTAN			
					Permit Req.															0	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.															0	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.															0	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
201405KenCarla_MOR.pdf	pdf	9042
201405KenCarla_coverletter.pdf	pdf	16981

Report Last Saved By
KEN CARLA WQTC MSD

Name: Kevin Thompson

E-Mail: kevin.thompson@louisvillemsd.org

Ken Carla	Report for	May-14			Tot. Exc.=		0											
Tot. Flow=	0.0995	Concentrations			Ecoli		Pounds		NH3		D.O.		p.H.		TRC		Tot.N	
Date	Flow	TSS	BOD	NH3	Ecoli	TSS	BOD	NH3	Tot. Phos.	D.O.	p.H.	TRC						
5/1/14	0.003									8.5	7.8	<0.010						
5/2/14	0.002									9	8	<0.010						
5/3/14	0.002									9.8	7.8	<0.010						
5/4/14	0.002	10	3	0.17		0.155	0.047	0.003	0.191	9.4	8	<0.010					25.51	
5/5/14	0.003									9.4	8	<0.010						
5/6/14	0.003									8.9	7.8	<0.010						
5/7/14	0.003				1					8.9	7.8	<0.010						
5/8/14	0.003									9	7.8	<0.010						
5/9/14	0.004									8.8	7.9	<0.010						
5/10/14	0.013									8.4	7.6	<0.010						
5/11/14	0.003									8.6	8	<0.010						
5/12/14	0.002									8.8	8	<0.010						
5/13/14	0.003									8.6	7.7	<0.010						
5/14/14	0.007									8.6	7.7	<0.010						
5/15/14	0.004									8.6	7.7	<0.010						
5/16/14	0.003									8.6	7.7	<0.010						
5/17/14	0.002									8.5	7.5	<0.010						
5/18/14	0.003									9	7.6	<0.010						
5/19/14	0.003									9	7.6	<0.010						
5/20/14	0.003									8.5	7.8	<0.010						
5/21/14	0.003									8.5	7.8	<0.010						
5/22/14	0.007									8.5	7.8	<0.010						
5/23/14	0.002									8.7	7.7	<0.010						
5/24/14	0.002									8.8	7.6	<0.010						
5/25/14	0.002									8.6	7.5	<0.010						
5/26/14	0.003									8.4	7.5	<0.010						
5/27/14	0.003									8.2	7.5	<0.010						
5/28/14	0.003									8.4	7.6	<0.010						
5/29/14	0.003									8.1	7.3	<0.010						
5/30/14	0.003									8	7.3	<0.010						
5/31/14	0.002																	
Average	0.003	10	3	0.2	1.00	0	0.047	0.00	0.2	8.70	8	<0.010					25.51	
Maximum	0.013	10	3	0.2	1.00	0	0.047	0.0	0.2	9.80	8	<0.010					25.51	
Exceed.	1	0	0	0	0	0	0	0										