



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

June 2, 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 May 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 May 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 05/15.

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 05/01/15 to 05/31/15	DMR Due Date:	06/28/15
Status:	NetDMR Validated		

Considerations for Form Completion

Principal Executive Officer			
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	=	0.2	=	0.15	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	01/30 - Monthly	24 - COMP24		
					Value NODI																
00400	pH	1 - Effluent Gross	0	--	Sample						=	6			=	7		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						=	17	=	17		19 - mg/L	01/30 - Monthly	CP - COMPOS			
					Permit Req.							Req Mon MO AVG		Req Mon WKLY AVG		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						=	0.8	=	1.6		19 - mg/L	02/30 - Twice Per Month	CP - COMPOS			
					Permit Req.							Req Mon MO AVG		Req Mon WKLY AVG		19 - mg/L	01/30 - Monthly	24 - COMP24			
					Value NODI																
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	0.004	=	0.004	03 - MGD								99/99 - Continuous	IN - INSTAN		
					Permit Req.		Req Mon MO AVG		Req Mon WKLY AVG	03 - MGD										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.						<=	.011 MO AVG	<=	.019 WKLY AVG		19 - mg/L	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.						<=	130 30DA AVG	<=	240 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
carla052015_MOR.pdf	pdf	20854
KENCARLA052015_COVER.pdf	pdf	46851

Report Last Saved By
KEN CARLA WQTC MSD

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

Ken Carla	Report for	May-15			Tot. Exc.=		0						
Tot. Flow=	0.11335	Concentrations					Pounds						
Date	Flow	TSS	BOD	NH3	Ecoli	TSS	BOD	NH3	Tot. Phos.	D.O.	p.H.	TRC	Tot.N
5/1/15	0.003									7.9	6.7		
5/2/15	0.004									7.5	7		
5/3/15	0.005	3	4	0.5		0.114	0.152	0.019	1.57	7.8	7.1		16.91
5/4/15	0.005				1					7.7	7		
5/5/15	0.005									7.6	6.8		
5/6/15	0.004									7.7	7		
5/7/15	0.003									7.3	6.7		
5/8/15	0.003									7.3	6.7		
5/9/15	0.003									7.3	6.5		
5/10/15	0.004									7.2	6.5		
5/11/15	0.004									7.4	6.7		
5/12/15	0.004									7.3	6.7		
5/13/15	0.003									7.9	6.9		
5/14/15	0.003									7.9	6.9		
5/15/15	0.001									7.9	6.9		
5/16/15	0.003									7.7	6.9		
5/17/15	0.003									7.4	6.7		
5/18/15	0.004								0.084	7.6	6.6		
5/19/15	0.004									7.9	6.7		
5/20/15	0.004									7.5	6.9		
5/21/15	0.003									8.8	6.8		
5/22/15	0.004									7.9	6.8		
5/23/15	0.003									7.9	6.7		
5/24/15	0.003									7.7	6.8		
5/25/15	0.004									8.3	6.8		
5/26/15	0.004									7.8	6.7		
5/27/15	0.003									7.7	6.6		
5/28/15	0.004									7.7	6.6		
5/29/15	0.005									7.9	6.4		
5/30/15	0.004									7.7	6.4		
5/31/15	0.004									7.5	6.5		
Average	0.004	3	4	0.5	1.00	0	0.152	0.02	0.8	7.70	7	0.00	16.91
Maximum	0.005	3	4	0.5	1.00	0	0.152	0.0	1.6	8.80	7	0.00	16.91
Exceed.	0	0	0	0	0	0	0	0					