



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

February 9, 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 January 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 January 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 black ink, appearing to read "Duane V. Wright".

Duane V. Wright
Process Supervisor, East Region

DVW/Ken Carla 01/15.

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:	KEN CARLA WQTC MSD		
Facility Location:	8701 LYNNHALL CT JEFFERSON COUNTY (JEFFERSON,KY), KY 40059		

Report Dates & Status			
Monitoring Period:	From 01/01/15 to 01/31/15	DMR Due Date:	02/28/15
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	0	01/30 - Monthly	GR - GRAB		
					Value NODI																	
00310	BOD, 5-day, 20 deg. C	1 - Effluent Gross	0	--	Sample	=	0.2	=	0.26	26 - lb/d		=	8	=	12	19 - mg/L	02/30 - Twice Per Month	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				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	=	0.6	=	2.25	26 - lb/d		=	30	=	30	19 - mg/L	04/30 - Four Per Month	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						=	44	=	44	19 - mg/L	01/30 - Monthly	CP - COMPOS					
					Permit Req.												19 - mg/L	0	01/30 - Monthly	24 - COMP24		
					Value NODI																	
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	0	--	Sample	=	0.02	=	0.02	26 - lb/d		=	0.9	=	0.9	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						=	0.7	=	1	19 - mg/L	03/30 - Three Per Month	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	=	0.002	=	0.003	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						=	5	=	5	13 - #/100mL	04/30 - Four Per Month	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
KENCARLA012015_COVER.pdf	pdf	16161
KENCARLA012015_MOR.pdf	pdf	24175

Report Last Saved By
KEN CARLA WQTC MSD

Name: Duane Wright

E-Mail: duane.wright@louisvillemsd.org

Ken Carla	Report for	Jan-15		Tot. Exc.=		Pounds							
Tot. Flow=	0.06938	Concentrations											
Date	Flow	TSS	BOD	NH3	Ecoli	TSS	BOD	NH3	Tot. Phos.	D.O.	p.H.	TRC	Tot.N
1/1/15	0.003	106	12	0.9		2.254	0.255	0.019	1.75	7.4	7.4	0.01	44.34
1/2/15	0.002				462					7.4	7.4	0.01	
1/3/15	0.003									7.5	8	0.01	
1/4/15	0.003									7.2	7.8	0.01	
1/5/15	0.001	5			1	0.048				7.4	7.4	0.01	
1/6/15	0.002	6			1	0.105				7.5	7.3	0.01	
1/7/15	0.002	3	4		1	0.050	0.067		0.188	7.3	7.4	0.01	
1/8/15	0.002									7.3	7.3	0.01	
1/9/15	0.002									7.2	7.5	0.01	
1/10/15	0.002									7.4	7.4	0.01	
1/11/15	0.002									7.1	7.3	0.01	
1/12/15	0.004									7.5	7.6	0.01	
1/13/15	0.003									7.3	7.4	0.01	
1/14/15	0.002									7.4	7.5	0.01	
1/15/15	0.002									7.8	7.6	0.01	
1/16/15	0.001									8	7.5	0.01	
1/17/15	0.001									7.5	7.2	0.01	
1/18/15	0.002									7.2	7.4	0.01	
1/19/15	0.002									7	7	0.01	
1/20/15	0.001									7.4	7.1	0.01	
1/21/15	0.002									7.2	7.3	0.01	
1/22/15	0.002									7	7.2	0.01	
1/23/15	0.002									7.1	7	0.01	
1/24/15	0.002									7.5	7.1	0.01	
1/25/15	0.002									7.5	7.1	0.01	
1/26/15	0.003									7.1	7	0.01	
1/27/15	0.003									7	7.1	0.01	
1/28/15	0.002									7.2	7	0.01	
1/29/15	0.003								0.147	7	7.3	0.01	
1/30/15	0.002									6.8	7.1	0.01	
1/31/15	0.003									6.9	7	0.01	
Average	0.002	30	8	0.9	4.64	1	0.161	0.02	0.7	7.29	7	0.01	44.34
Maximum	0.004	106	12	0.9	462.00	2	0.255	0.0	1.8	8.00	8	0.01	44.34
Exceed.	0	0	0	0	0	0	0	0					