



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

May 13, 2013

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 April 2013.**


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 April 2013.

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 04/13.

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 04/01/13 to 04/30/13	DMR Due Date:	07/28/13
Status:	NetDMR Validated		

**Considerations for Form Completion**

<b>Principal Executive Officer</b>			
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	0	28/30 - 28 Per Month	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	=	0.03	=	0.03	26 - lb/d	=	3	=	3	19 - mg/L	0	01/30 - Monthly	CP - COMPOS	
					Permit Req.	<=	2.5 30DA AVG	<=	5 DAILY MX	26 - lb/d	<=	30 30DA AVG	<=	60 DAILY MX	19 - mg/L		01/30 - Monthly	CP - COMPOS	
					Value NODI														
00400	pH	1 - Effluent Gross	0	--	Sample					=	7				12 - SU	0	28/30 - 28 Per Month	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	=	0.1	26 - lb/d	=	11	=	11	19 - mg/L	0	01/30 - Monthly	CP - COMPOS	
					Permit Req.	<=	2.5 30DA AVG	<=	5 DAILY MX	26 - lb/d	<=	30 30DA AVG	<=	60 DAILY MX	19 - mg/L		01/30 - Monthly	CP - COMPOS	
					Value NODI														
00610	Nitrogen, ammonia total (as N)	1 - Effluent Gross	0	--	Sample	=	0.005	=	0.005	26 - lb/d	=	0.5	=	0.5	19 - mg/L	0	01/30 - Monthly	CP - COMPOS	
					Permit Req.	<=	1.67 30DA AVG	<=	3.34 DAILY MX	26 - lb/d	<=	20 30DA AVG	<=	40 DAILY MX	19 - mg/L		01/30 - Monthly	CP - COMPOS	
					Value NODI														
00665	Phosphorus, total (as P)	1 - Effluent Gross	0	--	Sample					=	0.7	=	1.1	19 - mg/L	0	02/30 - Twice Per Month	CP - COMPOS		
					Permit Req.							Req Mon 30DA AVG		Req Mon DAILY MX		19 - mg/L	01/30 - Monthly	CP - COMPOS	
					Value NODI														
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	0.002	=	0.006	03 - MGD						0	99/99 - Continuous	IN - INSTAN	
					Permit Req.							Req Mon 30DA AVG		Req Mon INST MAX	03 - MGD		05/07 - Weekdays	IN - INSTAN	
					Value NODI														
74055	Coliform, fecal general	1 - Effluent Gross	0	--	Sample					=	5	=	5	13 - #/100mL	0	01/30 - Monthly	GR - GRAB		
					Permit Req.							<=	200 30DA GEO	<=		400 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
THOMPSON_0523091752_001.pdf	pdf	14240

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

User:	kevin.thompson@louisvillemsd.org	Date/Time:	2013-05-23 09:46 (Time Zone: -04:00)
Name:	Kevin Thompson		
E-Mail:	kevin.thompson@louisvillemsd.org		

Ken Carla		Report for	Apr-13			Tot. Exc.=		0				
Tot. Flow=	0.072282	Concentrations					Pounds					
Date	Flow	TSS	BOD	NH3	Fecal	TSS	BOD	NH3	Tot. Phos.	D.O.	p.H.	
4/1/13	0.002									9	7.4	
4/2/13	0.001	11	3	0.45		0.121	0.033	0.005	1.11	9.1	7.5	
4/3/13	0.002				5					9.3	7.4	
4/4/13	0.002									9.5	7.4	
4/5/13	0.002									9.1	7.6	
4/6/13	0.001									8.4	7.5	
4/7/13	0.002									8	7.7	
4/8/13	0.003									8.1	8.1	
4/9/13	0.002									8.5	7.6	
4/10/13	0.002								0.297	8.6	6.8	
4/11/13	0.006									7.9	8.1	
4/12/13	0.004									9	7.4	
4/13/13	0.002									9.6	7.9	
4/14/13	0.001									9.8	7.8	
4/15/13	0.003									8.9	7.7	
4/16/13	0.002									8.5	8.1	
4/17/13	0.003									8.1	7.7	
4/18/13	0.002									8.3	7.8	
4/19/13	0.006									8.9	6.8	
4/20/13	0.002									8.5	7	
4/21/13	0.002									8.8	7.1	
4/22/13	0.002									9.4	7.3	
4/23/13	0.001											
4/24/13	0.005											
4/25/13	0.002									9	7.1	
4/26/13	0.002									8.8	7	
4/27/13	0.002									8.8	7	
4/28/13	0.002									9.2	7.1	
4/29/13	0.002									9	7	
4/30/13	0.002									9.2	7	
Average	0.002	11	3	0.5	5.00	0.1	0.03	0.005	0.7	8.83	7	
Maximum	0.006	11	3	0.5	5.00	0.1	0.03	0.005	1.1	9.80	8	
Exceed.	0	0	0	0	0	0	0	0				