



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

May 19, 2014

Cheryl Edwards  
Kentucky Division of Water  
200 Fair Oaks Lane  
Frankfort, Kentucky 40601

**Re: MSD Metro Operations  
Bancroft WQTC; KPDES No.: KY0039021  
Discharge Monitoring Reports for April 2014.**

Dear Ms. Edwards:

Attached is the Discharge Monitoring Reports (DMRs) and the Monthly Operator Report (MOR) for the Bancroft WQTC; KPDES No.: KY0039021 for the month of April 2014.

There were no exceedences, overflow or bypass reports 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 "Kevin Thompson".

Kevin Thompson  
Process Supervisor, East Region

KT/Bancroft 04/14

Enclosures

cc: T. Singleton  
R. Shaw



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

DMR Copy of Record

<b>Permit</b>			
Permit #:	KY0039021	Permittee:	BANCROFT WQTC MSD
Major:	No	Permittee Address:	7610 OLD ORCHARD CIR LOUISVILLE, KY 40222
Permitted Feature:	001 External Outfall	Discharge:	001-1 SANITARY WASTEWATER
Facility:		Facility Location:	BANCROFT WQTC MSD 7610 OLD ORCHARD CIR LOUISVILLE, KY 40222

<b>Report Dates &amp; Status</b>			
Monitoring Period:	From 04/01/14 to 04/30/14	DMR Due Date:	05/28/14
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					=	7					19 - mg/L	0	01/01 - Daily 07/WD - Weekly When Discharging	GR - GRAB	
					Permit Req.					>=	7 INST MIN					19 - mg/L				
					Value NODI															
00400	pH	1 - Effluent Gross	0	--	Sample					=	6		=	7		12 - SU	0	01/01 - Daily 01/07 - Weekly	GR - GRAB	
					Permit Req.					>=	6 MINIMUM		<=	9 MAXIMUM		12 - SU				
					Value NODI															
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample	=	1	=	2		26 - lb/d	=	6	=	10		19 - mg/L	0	01/07 - Weekly 01/07 - Weekly	CP - COMPOS 24 - COMP24
					Permit Req.	<=	20 MO AVG	<=	30 WKLY AVG		26 - lb/d	<=	30 MO AVG	<=	45 WKLY AVG		19 - mg/L			
					Value NODI															
00600	Nitrogen, total	1 - Effluent Gross	0	--	Sample					=	29	=	38		19 - mg/L	0	01/07 - Weekly 01/07 - Weekly	CP - COMPOS GR - GRAB		
					Permit Req.															19 - mg/L
					Value NODI															
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	2	--	Sample	=	0.08	=	0.1		26 - lb/d	=	0.4	=	0.6		19 - mg/L	0	01/07 - Weekly 01/07 - Weekly	CP - COMPOS 24 - COMP24
					Permit Req.	<=	6.68 MO AVG	<=	10 WKLY AVG		26 - lb/d	<=	10 MO AVG	<=	15 WKLY AVG		19 - mg/L			
					Value NODI															
00665	Phosphorus, total [as P]	1 - Effluent Gross	0	--	Sample					=	1.6	=	2.4		19 - mg/L	0	01/07 - Weekly 01/07 - Weekly	CP - COMPOS 24 - COMP24		
					Permit Req.															19 - mg/L
					Value NODI															
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	0.036	=	0.177		03 - MGD							0	99/99 - Continuous 99/99 - Continuous	CN - CONTIN RC - RCORDR
					Permit Req.															
					Value NODI															
50060	Chlorine, total residual	1 - Effluent Gross	0	--	Sample							<	0.01	<	0.01		19 - mg/L	0	01/01 - Daily 01/07 - Weekly	GR - GRAB
					Permit Req.							<=	.011 MO AVG	<=	.019 WKLY AVG		19 - mg/L			
					Value NODI															
51040	E. coli	1 - Effluent Gross	0	--	Sample							=	16	=	119		13 - #/100mL	0	01/07 - Weekly 01/07 - Weekly	GR - GRAB
					Permit Req.							<=	130 30DA GEO	<=	240 7 DA GEO		13 - #/100mL			
					Value NODI															
80082	BOD, carbonaceous, 05 day, 20 C	1 - Effluent Gross	0	--	Sample	=	0.6	=	0.8		26 - lb/d	=	3	=	4		19 - mg/L	0	01/07 - Weekly 01/07 - Weekly	CP - COMPOS 24 - COMP24
					Permit Req.	<=	16.7 MO AVG	<=	25.04 WKLY AVG		26 - lb/d	<=	25 MO AVG	<=	37.5 WKLY AVG		19 - mg/L			
					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
201404Bancroft_coverletter.pdf	pdf	16671
201404Bancroft_MOR.pdf	pdf	8557

**Report Last Saved By**  
BANCROFT WQTC MSD

Name: Kevin Thompson

E-Mail: kevin.thompson@louisvillemsd.org

Bancroft		Report for		Apr-14		Tot. Exc.=		0					
Tot. Flow=		1.07743		Concentrations				Pounds					
Date	Flow	TSS	BOD	NH3	Ecoli	TSS	BOD	NH3	Tot. Phos.	D.O.	p.H.	TRC	Tot. N
4/1/14	0.025									8.3	6.2	0.01	
4/2/14	0.025	3	4	0.34		0.613	0.818	0.070	0.866	8	6.3	0.01	30.21
4/3/14	0.053				119					8	6.2	0.01	
4/4/14	0.177									7.4	6	0.01	
4/5/14	0.035									8.3	6.8	0.01	
4/6/14	0.032									7.6	6.8	0.01	
4/7/14	0.036									7.5	6.5	0.01	
4/8/14	0.032									8.2	6.9	0.01	
4/9/14	0.027	5	3	0.56		1.125	0.675	0.126	1.48	8	6.7	0.01	20.41
4/10/14	0.025				8					7.6	6.6	0.01	
4/11/14	0.026									7.5	6.4	0.01	
4/12/14	0.029									7.3	6.2	0.01	
4/13/14	0.031									7.4	6.3	0.01	
4/14/14	0.030									7.1	6.1	0.01	
4/15/14	0.031									7.7	6.3	0.01	
4/16/14	0.028	10	2	0.39		2.319	0.464	0.090	1.85	7.5	6.5	0.01	28.81
4/17/14	0.027				1					7.8	6.5	0.01	
4/18/14	0.026									7.9	6.6	0.01	
4/19/14	0.031									7.6	6.7	0.01	
4/20/14	0.031									7.4	6.6	0.01	
4/21/14	0.024									7.3	6.4	0.01	
4/22/14	0.026									7.3	6.4	0.01	
4/23/14	0.025	5	3	0.22		1.056	0.634	0.046	2.35	7.7	6.5	0.01	38.41
4/24/14	0.030				70					7.5	6.3	0.01	
4/25/14	0.028									7.2	6.2	0.01	
4/26/14	0.026									7.2	6	0.01	
4/27/14	0.036									7.4	6.1	0.01	
4/28/14	0.049									7.5	6	0.01	
4/29/14	0.041									7.4	6	0.01	
4/30/14	0.036									7.2	6.2	0.01	
Average	0.036	6	3	0.4	16.07	1	0.647	0.08	1.6	7.59	6	0.01	29.46
Maximum	0.177	10	4	0.6	119.00	2	0.818	0.1	2.4	8.30	7	0.01	38.41
Exceed.	1	0	0	0	0	0	0	0	0				