



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

November 19, 2013

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 October 2013.**

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 October 2013.

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", written over a white background.

Kevin Thompson  
Process Supervisor, East Region

KT/Bancroft 10/13

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 10/01/13 to 10/31/13	DMR Due Date:	01/28/14
Status:	NetDMR Validated		

**Considerations for Form Completion**  
 Parameter 00610 - Use Season 1 for summer months (May, June, July, August, September, and October) and Season 2 for winter months (November, December, January, February March, and April); enter NODI=9 for the Season not needed.

<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	01/01 - Daily	GR - GRAB			
					Permit Req.	>=	7 INST MIN													19 - mg/L	01/30 - Monthly	GR - GRAB	
					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	=	2	=	2	26 - lb/d		=	7	=	7			19 - mg/L	01/30 - Monthly	CP - COMPOS			
					Permit Req.	<=	20 MO AVG	<=	40 MX WK AV	26 - lb/d		<=	30 MO AVG	<=	60 MX WK AV					19 - mg/L	01/30 - Monthly	CP - COMPOS	
					Value NODI																		
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	1	--	Sample	=	0.14	=	0.14	26 - lb/d		=	0.6	=	0.6			19 - mg/L	01/30 - Monthly	CP - COMPOS			
					Permit Req.	<=	2.67 MO AVG	<=	5.34 MX WK AV	26 - lb/d		<=	4 MO AVG	<=	8 MX WK AV					19 - mg/L	01/30 - Monthly	CP - COMPOS	
					Value NODI																		
00665	Phosphorus, total [as P]	1 - Effluent Gross	0	--	Sample							=	3	=	3			19 - mg/L	01/30 - Monthly	CP - COMPOS			
					Permit Req.							Req Mon MO 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	=	0.034	=	0.145	03 - MGD									99/99 - Continuous	CN - CONTIN			
					Permit Req.		Req Mon 30DA AVG		Req Mon INST MAX	03 - MGD											0	99/99 - Continuous	CN - CONTIN
					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.							<=	.014 MO AVG	<=	.019 DAILY MX					19 - mg/L	01/30 - Monthly	GR - GRAB	
					Value NODI																		
74055	Coliform, fecal general	1 - Effluent Gross	0	--	Sample							=	160	=	160			13 - #/100mL	01/30 - Monthly	GR - GRAB			
					Permit Req.							<=	200 30DA GEO	<=	400 7 DA GEO					13 - #/100mL	01/30 - Monthly	GR - GRAB	
					Value NODI																		
80082	BOD, carbonaceous, 05 day, 20 C	1 - Effluent Gross	0	--	Sample	=	0.5	=	0.5	26 - lb/d		=	2	=	2			19 - mg/L	01/30 - Monthly	CP - COMPOS			
					Permit Req.	<=	16.7 MO AVG	<=	33.4 MX WK AV	26 - lb/d		<=	25 MO AVG	<=	50 MX WK AV					19 - mg/L	01/30 - Monthly	CP - COMPOS	
					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
102013Bancroft_mor_.pdf	pdf	8329
102013Bancroft_Coverletter.pdf	pdf	16077

**Report Last Saved By**  
**BANCROFT WQTC MSD**

User:	kevin.thompson@louisvillemtd.org	Date/Time:	2013-11-23 08:05 (Time Zone: -05:00)
Name:	Kevin Thompson		
E-Mail:	kevin.thompson@louisvillemtd.org		

<b>Bancroft</b>		Report for	<b>Oct-13</b>			Tot. Exc.=							
Tot. Flow=	1.05699	Concentrations			0	Pounds							
Date	Flow	TSS	BOD	NH3	Fecal	TSS	BOD	NH3	Tot. Phos.	D.O.	p.H.	TRC	
10/1/13	0.030									7.7	6.7	0.01	
10/2/13	0.029	7	2	0.56		1.705	0.487	0.136	3.03	8.3	6.5	0.01	
10/3/13	0.031				160					8	6	0.01	
10/4/13	0.029									7.9	6.9	0.01	
10/5/13	0.060									8	6.5	0.01	
10/6/13	0.145									7.8	6.7	0.01	
10/7/13	0.046									8.1	7	0.01	
10/8/13	0.031									7.7	7	0.01	
10/9/13	0.029									7.9	6.7	0.01	
10/10/13	0.028									8	6.6	0.01	
10/11/13	0.027									7.7	6.5	0.01	
10/12/13	0.027									7.9	6.3	0.01	
10/13/13	0.031									8	6.1	0.01	
10/14/13	0.027									7.7	6.8	0.01	
10/15/13	0.031									7.9	6.6	0.01	
10/16/13	0.028									7.5	6.3	0.01	
10/17/13	0.027									7.9	6.6	0.01	
10/18/13	0.023									7.5	7.3	0.01	
10/19/13	0.029									7.9	7	0.01	
10/20/13	0.030									8.2	6.5	0.01	
10/21/13	0.028									8	6.5	0.01	
10/22/13	0.026									7.7	6.7	0.01	
10/23/13	0.026									8.1	6.4	0.01	
10/24/13	0.025									8	6	0.01	
10/25/13	0.024									8.1	6.1	0.01	
10/26/13	0.031									7.8	6.5	0.01	
10/27/13	0.031									7.7	6.4	0.01	
10/28/13	0.027									7.5	6.7	0.01	
10/29/13	0.030									7.9	6.5	0.01	
10/30/13	0.036									7.5	6.7	0.01	
10/31/13	0.036									7.7	7	0.01	
Average	0.034	7	2	0.6	160.00	2	0.487	0.14	3.0	7.86	7	0.01	
Maximum	0.145	7	2	0.6	160.00	2	0.487	0.1	3.0	8.30	7	0.01	
Exceed.	1	0	0	0	0	0	0	0	0				