



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

January 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 December 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 December 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".

Kevin Thompson  
Process Supervisor, East Region

KT/Bancroft 12/13

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 12/01/13 to 12/31/13	DMR Due Date:	01/28/14
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				=	7				19 - mg/L	0	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	0	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	=	3	=	3	26 - lb/d	=	11	=	11	19 - mg/L	0	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	2	--	Sample	=	0.12	=	0.1	26 - lb/d	=	0.5	=	0.5	19 - mg/L	0	01/30 - Monthly	CP - COMPOS	
					Permit Req.	<=	6.67 MO AVG	<=	13.3 MX WK AV	26 - lb/d	<=	10 MO AVG	<=	20 MX WK AV	19 - mg/L		01/30 - Monthly	CP - COMPOS	
					Value NODI														
00665	Phosphorus, total [as P]	1 - Effluent Gross	0	--	Sample						=	3.4	=	3.4	19 - mg/L	0	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	=	0.036	=	0.095	03 - MGD						0	99/99 - Continuous	CN - CONTIN	
					Permit Req.		Req Mon 30DA AVG		Req Mon INST MAX	03 - MGD					99/99 - Continuous		CN - CONTIN		
					Value NODI														
50060	Chlorine, total residual	1 - Effluent Gross	0	--	Sample						<	0.01	<	0.01	19 - mg/L	0	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						=	2	=	2	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														
80082	BOD, carbonaceous, 05 day, 20 C	1 - Effluent Gross	0	--	Sample	=	0.5	=	0.5	26 - lb/d	=	2	=	2	19 - mg/L	0	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
201312_Bancroft_Coverletter.pdf	pdf	16241
201312_Bancroft_MOR.pdf	pdf	8484

**Report Last Saved By**  
BANCROFT WQTC MSD

User: kevin.thompson@louisvillemtd.org | Date/Time: 2014-01-21 13:39 (Time Zone: -05:00)  
Name: Kevin Thompson  
E-Mail: kevin.thompson@louisvillemtd.org

<b>Bancroft</b>		Report for		<b>Dec-13</b>		Tot. Exc.=		0					
Tot. Flow= Date	1.11862 Flow	TSS	Concentrations		Fecal	TSS	Pounds		NH3	Tot. Phos.	D.O.	p.H.	TRC
			BOD	NH3			BOD						
12/1/13	0.031										7.8	7.3	0.01
12/2/13	0.028	11	2	0.5		2.560	0.466	0.116	3.43	7.5	7	0.01	
12/3/13	0.027				2					7.9	6.6	0.01	
12/4/13	0.033									7.4	6.4	0.01	
12/5/13	0.036									7.5	6.1	0.01	
12/6/13	0.038									7.7	6.3	0.01	
12/7/13	0.039									7.6	6.1	0.01	
12/8/13	0.038									7.5	6.1	0.01	
12/9/13	0.036									7.7	6.2	0.01	
12/10/13	0.030									7.5	6.2	0.01	
12/11/13	0.031									7.7	6.1	0.01	
12/12/13	0.028									7.5	6.3	0.01	
12/13/13	0.026									7.9	6.5	0.01	
12/14/13	0.040									7.6	6.4	0.01	
12/15/13	0.035									7.8	6.3	0.01	
12/16/13	0.031									7.5	6.3	0.01	
12/17/13	0.031									7.9	6.1	0.01	
12/18/13	0.032									7.5	6.5	0.01	
12/19/13	0.034									7.8	6.1	0.01	
12/20/13	0.035									7.9	6.3	0.01	
12/21/13	0.079									8	6	0.01	
12/22/13	0.095									7.8	6.2	0.01	
12/23/13	0.036									7.5	6.7	0.01	
12/24/13	0.030									7.4	6.2	0.01	
12/25/13	0.028									7.3	6	0.01	
12/26/13	0.029									7	6	0.01	
12/27/13	0.031									7	6	0.01	
12/28/13	0.031									7.4	6.1	0.01	
12/29/13	0.036									7.3	6.2	0.01	
12/30/13	0.032									7.7	6.1	0.01	
12/31/13	0.032												
Average	0.036	11	2	0.5	2.00	3	0.466	0.12	3.4	7.59	6	0.01	
Maximum	0.095	11	2	0.5	2.00	3	0.466	0.1	3.4	8.00	7	0.01	
Exceed.	1	0	0	0	0	0	0	0	0				