



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

June 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 May 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 May 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 05/14

Enclosures

cc: T. Singleton  
R. Shaw



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

**DMR Copy of Record**

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

<b>Report Dates &amp; Status</b>			
<b>Monitoring Period:</b>	<b>From 05/01/14 to 05/31/14</b>	<b>DMR Due Date:</b>	<b>06/28/14</b>
<b>Status:</b>	<b>NetDMR Validated</b>		

**Considerations for Form Completion**

<b>Principal Executive Officer</b>			
<b>First Name:</b>	Greg	<b>Title:</b>	Executive Director
<b>Last Name:</b>	Heitzman	<b>Telephone:</b>	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	01/01 - Daily 07/WD - Weekly When Discharging	GR - GRAB 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 GR - GRAB	
					Permit Req.	>=	6 MINIMUM			<=	9 MAXIMUM			12 - SU					
					Value NODI														
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample	=	4	=	5	26 - lb/d	=	10	=	13	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						=	31	=	33	19 - mg/L	0	01/07 - Weekly 01/07 - Weekly	GR - GRAB GR - GRAB	
					Permit Req.							Req Mon MO AVG		Req Mon WKLY AVG	19 - mg/L				
					Value NODI														
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	1	--	Sample	=	0.12	=	0.2	26 - lb/d	=	0.4	=	0.6	19 - mg/L	0	01/07 - Weekly 01/07 - Weekly	CP - COMPOS 24 - COMP24	
					Permit Req.	<=	2.67 MO AVG	<=	4.01 WKLY AVG	26 - lb/d	<=	4 MO AVG	<=	6 WKLY AVG	19 - mg/L				
					Value NODI														
00665	Phosphorus, total [as P]	1 - Effluent Gross	0	--	Sample						=	3	=	4	19 - mg/L	0	01/07 - Weekly 01/07 - Weekly	CP - COMPOS 24 - COMP24	
					Permit Req.							Req Mon MO AVG		Req Mon WKLY AVG	19 - mg/L				
					Value NODI														
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	0.037	=	0.058	03 - MGD						0	99/99 - Continuous 99/99 - Continuous	CN - CONTIN RC - RCORDR	
					Permit Req.		Req Mon MO AVG		Req Mon WKLY AVG	03 - MGD									
					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 GR - GRAB	
					Permit Req.						<=	.011 MO AVG	<=	.019 WKLY AVG	19 - mg/L				
					Value NODI														
51040	E. coli	1 - Effluent Gross	0	--	Sample						=	2	=	16	13 - #/100mL	0	01/07 - Weekly 01/07 - Weekly	GR - GRAB 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	=	1.1	=	1.5	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
201405Bancroft_MOR.pdf	pdf	8785
201405Bancroft_coverletter.pdf	pdf	17148

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

Name: Kevin Thompson

E-Mail: kevin.thompson@louisvillemsd.org

Bancroft		Report for		May-14		Tot. Exc.=		0							
Tot. Flow=	1.1422	Concentrations						Pounds							
Date	Flow	TSS	BOD	NH3	Ecoli	TSS	BOD	NH3	Tot. Phos.	D.O.	p.H.	TRC	Tot. N		
5/1/14	0.033									7.7	6.4	<0.010			
5/2/14	0.035									7.9	6.8	<0.010			
5/3/14	0.036									7.9	<0.010				
5/4/14	0.041									7.6	6.2	<0.010			
5/5/14	0.032	7	3	0.62		1.862	0.798	0.165	1.85	7.8	6.3	<0.010	29.41		
5/6/14	0.029				1					8.1	6.8	<0.010			
5/7/14	0.029									9	6.4	<0.010			
5/8/14	0.034									8.4	6.9	<0.010			
5/9/14	0.033									8.4	6.9	<0.010			
5/10/14	0.058									7.8	7.1	<0.010			
5/11/14	0.044	13	4	0.34		4.735	1.457	0.124	3.22	7.6	7.2	<0.010	29.31		
5/12/14	0.038				2					8.9	7.2	<0.010			
5/13/14	0.035									9.8	6.7	<0.010			
5/14/14	0.045									9	6.8	<0.010			
5/15/14	0.045									8.5	6.6	<0.010			
5/16/14	0.036									8.5	6.6	<0.010			
5/17/14	0.036									8.2	6.2	<0.010			
5/18/14	0.037	12	4	0.34		3.726	1.242	0.106	3.45	7.7	6.6	<0.010	32.41		
5/19/14	0.030				16					8.6	6.2	<0.010			
5/20/14	0.034									9	6.5	<0.010			
5/21/14	0.035									8.7	6.4	<0.010			
5/22/14	0.050	9	2	0.17		3.715	0.826	0.070	2.98	9.3	6.5	<0.010	33.01		
5/23/14	0.033				1					9	6.6	<0.010			
5/24/14	0.033									8.8	6.5	<0.010			
5/25/14	0.034									8.9	6.4	<0.010			
5/26/14	0.039									8.6	6.6	<0.010			
5/27/14	0.034									8.8	6.3	<0.010			
5/28/14	0.033									8.9	6.5	<0.010			
5/29/14	0.037									7.5	7	<0.010			
5/30/14	0.037									7.6	6.4	<0.010			
5/31/14	0.037									8	6	<0.010			
Average	0.037	10	3	0.4	2.38	4	1.081	0.12	2.9	8.40	7	<0.010	31.04		
Maximum	0.058	13	4	0.6	16.00	5	1.457	0.2	3.5	9.80	7	<0.010	33.01		
Exceed.	0	0	0	0	0	0	0	0	0						