



Metropolitan Sewer District

Louisville and Jefferson County Metropolitan Sewer District  
700 West Liberty Street  
Louisville Kentucky 40203-1911  
502-540-6000  
[www.msdlouky.org](http://www.msdlouky.org)

October 11, 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 September 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 September 2014.

There were no exceedances, overflow or bypass reports for this month.

If you have any questions concerning the attached DMRs, please contact me at (502)587-5856.

Sincerely,

Duane V. Wright  
Process Supervisor, East Region

DVW/Bancroft 09/14

Enclosures

cc: T. Singleton  
R. Shaw



Beneficial Use of Louisville's Biosolids  
[www.louisvillegreen.com](http://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 09/01/14 to 09/30/14	DMR Due Date:	10/28/14
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 GR - GRAB					
					Permit Req.					>=	7 INST MIN				19 - mg/L									
					Value NODI																			
00400	pH	1 - Effluent Gross	0	--	Sample					=	6			=	8	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	=	0.6	=	0.7	26 - lb/d		=	2	=	3	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 [as N]	1 - Effluent Gross	0	--	Sample					=	24		=	26	19 - mg/L	0	01/07 - Weekly 01/07 - Weekly	CP - COMPOS GR - GRAB						
					Permit Req.														Req Mon MO AVG	Req Mon WKLY AVG				
					Value NODI																			
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	1	--	Sample	=	0.07	=	0.09	26 - lb/d		=	0.3	=	0.3	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					=	2.3		=	2.7	19 - mg/L	0	01/07 - Weekly 01/07 - Weekly	CP - COMPOS 24 - COMP24						
					Permit Req.														Req Mon MO AVG	Req Mon WKLY AVG				
					Value NODI																			
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	0.034	=	0.035	03 - MGD							0	99/99 - Continuous 99/99 - Continuous	CN - CONTIN RC - Recorder (auto)					
					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 GR - GRAB						
					Permit Req.														<=	.011 MO AVG	<=	.019 WKLY AVG	19 - mg/L	
					Value NODI																			
51040	E. coli	1 - Effluent Gross	0	--	Sample						=	1	=	1	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	=	0.5	=	0.5	26 - lb/d		=	2	=	2	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**

**Attachments**

Name	Type	Size
201409_Bancroft_MOR.pdf	pdf	8752
BANCROFT092014_COVER.pdf	pdf	16934

**Report Last Saved By**  
BANCROFT WQTC MSD

Name: Kevin Thompson

E-Mail: kevin.thompson@louisvillemsd.org

Bancroft		Report for		Sep-14		Tot. Exc.=		0							
Tot. Flow=		1.02003		Concentrations				Pounds							
Date	Flow	TSS	BOD	NH3	Ecoli	TSS	BOD	NH3	Tot. Phos.	D.O.	p.H.	TRC	Tot. N		
9/1/14	0.039									8.3	6.1	0.01			
9/2/14	0.036	2	2	0.22		0.605	0.605	0.067	2.36	8	6.2	0.01	24.41		
9/3/14	0.032				1					8.5	6.1	0.01			
9/4/14	0.032									7.5	7	0.01			
9/5/14	0.034									7.8	6.5	0.01			
9/6/14	0.034									7.6	6.2	0.01			
9/7/14	0.034									7.8	6.4	0.01			
9/8/14	0.033									7.8	6.1	0.01			
9/9/14	0.031	2	2	0.34		0.515	0.515	0.088	2.65	7.8	6.2	0.01	25.91		
9/10/14	0.031				1					7.7	6	0.01			
9/11/14	0.051									7.9	6.3	0.01			
9/12/14	0.032									7.6	7	0.01			
9/13/14	0.033									7.8	6.4	0.01			
9/14/14	0.036									7.6	6.5	0.01			
9/15/14	0.031									7.5	6.1	0.01			
9/16/14	0.029	3	2	0.22		0.734	0.490	0.054	1.88	7.7	6.4	0.01	21.11		
9/17/14	0.030				1					7.9	6.2	0.01			
9/18/14	0.031									7.7	6.4	0.01			
9/19/14	0.031									7.6	6.5	0.01			
9/20/14	0.037									7.5	6.6	0.01			
9/21/14	0.038									7.5	7.6	0.01			
9/22/14	0.029									7.7	6.6	0.01			
9/23/14	0.030	2	2	0.34		0.504	0.504	0.086	2.37	7.4	6.4	0.01	23.51		
9/24/14	0.029				1					7.6	6.3	0.01			
9/25/14	0.030									7.3	6.6	0.01			
9/26/14	0.060									7.5	6.4	0.01			
9/27/14	0.031									7.7	6.2	0.01			
9/28/14	0.035									7.4	6.6	0.01			
9/29/14	0.030									7.6	6.4	0.01			
9/30/14	0.029									7.7	6.6	0.01			
Average	0.034	2	2	0.3	1.00	1	0.528	0.07	2.3	7.70	6	0.01	23.74		
Maximum	0.060	3	2	0.3	1.00	1	0.605	0.1	2.7	8.50	8	0.01	25.91		
Exceed.	0	0	0	0	0	0	0	0	0						