



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

December 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 November 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 November 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 that reads "Kevin Thompson". The signature is written in a cursive style.

Kevin Thompson
Process Supervisor, East Region

KT/Bancroft 11/13

Enclosures

cc: T. Singleton
R. Shaw



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

DMR Copy of Record

Permit			
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

Report Dates & Status			
Monitoring Period:	From 11/01/13 to 11/30/13	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.

Principal Executive Officer			
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	=	2	=	2	26 - lb/d	=	8	=	8	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	=	0.17	=	0.2	26 - lb/d	=	0.8	=	0.8	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						=	3.1	=	3.1	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	=	0.044	=	0.109	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	=	0.7	=	0.7	26 - lb/d	=	3	=	3	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

Attachments		
Name	Type	Size
201311Bancroft_coverletter.pdf	pdf	16237
201311Bancroft_mor.pdf	pdf	8365

Report Last Saved By
BANCROFT WQTC MSD

User:	kevin.thompson@louisvillemsd.org	Date/Time:	2013-12-26 12:52 (Time Zone: -05:00)
Name:	Kevin Thompson		
E-Mail:	kevin.thompson@louisvillemsd.org		

Bancroft		Report for	Nov-13			Tot. Exc.=		0					
Tot. Flow=	1.31863	Concentrations			Pounds								
Date	Flow	TSS	BOD	NH3	Fecal	TSS	BOD	NH3	Tot. Phos.	D.O.	p.H.	TRC	
11/1/13	0.030									8	6.6	0.01	
11/2/13	0.037									7.8	6.4	0.01	
11/3/13	0.049									8.1	6.3	0.01	
11/4/13	0.033									7.5	6.6	0.01	
11/5/13	0.027									7.9	6.8	0.01	
11/6/13	0.029									8	6.5	0.01	
11/7/13	0.027									7.5	6.7	0.01	
11/8/13	0.026									8.5	6.4	0.01	
11/9/13	0.030									8	6	0.01	
11/10/13	0.030									8.3	6	0.01	
11/11/13	0.026	8	3	0.78		1.739	0.652	0.170	3.09	8	6.1	0.01	
11/12/13	0.026				2					8.2	6.3	0.01	
11/13/13	0.033									8.1	6.4	0.01	
11/14/13	0.054									8	6.3	0.01	
11/15/13	0.058									8	6.3	0.01	
11/16/13	0.065									8.1	6.4	0.01	
11/17/13	0.109									8	6	0.01	
11/18/13	0.035									7.7	6.4	0.01	
11/19/13	0.037									7.8	6.2	0.01	
11/20/13	0.048									7.4	6.5	0.01	
11/21/13	0.046									7.6	6.4	0.01	
11/22/13	0.048									7.4	6.4	0.01	
11/23/13	0.047									7.8	6.5	0.01	
11/24/13	0.046									7.9	6.4	0.01	
11/25/13	0.056									7.8	6.5	0.01	
11/26/13	0.052									7.4	6.3	0.01	
11/27/13	0.050									7.7	6.1	0.01	
11/28/13	0.052									7.8	6.4	0.01	
11/29/13	0.053									7.7	6.3	0.01	
11/30/13	0.058									8.5	7	0.01	
12/1/13													
Average	0.044	8	3	0.8	2.00	2	0.652	0.17	3.1	7.88	6	0.01	
Maximum	0.109	8	3	0.8	2.00	2	0.652	0.2	3.1	8.50	7	0.01	
Exceed.	1	0	0	0	0	0	0	0	0				