



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

January 5, 2015

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 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 December 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,

A handwritten signature in cursive script that reads "Duane V. Wright".

Duane V. Wright
Process Supervisor, East Region

DVW/Bancroft 12/14

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

Report Dates & Status					
Monitoring Period:	From 12/01/14 to 12/31/14	DMR Due Date:	01/28/15	Status:	NetDMR Validated

Considerations for Form Completion

Principal Executive Officer					
First Name:	Greg	Title:	Exec. Dir.	Telephone:	502-540-6000
Last Name:	Heitzman				

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	=	1	=	4		26 - lb/d		=	6	=	19		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					=	23		=	27		19 - mg/L	0	01/07 - Weekly 01/07 - Weekly	CP - COMPOS GR - GRAB						
					Permit Req.																19 - mg/L				
					Value NODI																				
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	2	--	Sample	=	0.09	=	0.1		26 - lb/d		=	0.4	=	0.6		19 - mg/L	0	01/07 - Weekly 01/07 - Weekly	CP - COMPOS 24 - COMP24				
					Permit Req.	<=	6.68 MO AVG	<=	10 WKLY AVG		26 - lb/d		<=	10 MO AVG	<=	15 WKLY AVG		19 - mg/L							
					Value NODI																				
00665	Phosphorus, total [as P]	1 - Effluent Gross	0	--	Sample					=	4.1		=	8.6		19 - mg/L	0	01/07 - Weekly 01/07 - Weekly	CP - COMPOS 24 - COMP24						
					Permit Req.																19 - mg/L				
					Value NODI																				
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	0.03	=	0.038		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.																			13 - #/100mL	
					Value NODI																				
80082	BOD, carbonaceous, 05 day, 20 C	1 - Effluent Gross	0	--	Sample	=	1.4	=	3.48		26 - lb/d		=	6	=	15		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
BANCROFT122014_MOR.pdf	pdf	25656
BANCROFT122014_COVER.pdf	pdf	16650

Report Last Saved By
BANCROFT WQTC MSD

Name: Kevin Ries

E-Mail: kevin.ries@louisvillemsd.org

Bancroft		Report for	Dec-14			Tot. Exc.=		0						
Tot. Flow= Date	0.93571 Flow	TSS	Concentrations		Ecoli	TSS	Pounds		NH3	Tot. Phos.	D.O.	p.H.	TRC	Tot. N
			BOD	NH3			BOD							
12/1/14	0.034										8.1	6.5	0.01	
12/2/14	0.029	1	3	0.39		0.241	0.722	0.094	3.01	8.6	7	0.01	21.11	
12/3/14	0.028				1					8.2	7.1	0.01		
12/4/14	0.029									8	6.6	0.01		
12/5/14	0.036									7.9	6.5	0.01		
12/6/14	0.077									7.6	6.3	0.01		
12/7/14	0.035									8.1	6.1	0.01		
12/8/14	0.029									7.8	6.4	0.01		
12/9/14	0.028	3	3	0.28		0.704	0.704	0.066	2.02	7.7	6.1	0.01	19.61	
12/10/14	0.027				1					7.5	6.3	0.01		
12/11/14	0.024									7.7	6.2	0.01		
12/12/14	0.025									7.7	6.2	0.01		
12/13/14	0.030									8.3	6.9	0.01		
12/14/14	0.032									8.3	6.9	0.01		
12/15/14	0.027									8	6.5	0.01		
12/16/14	0.029	1	3	0.17		0.239	0.717	0.041	2.71	8.1	6.3	0.01	23.01	
12/17/14	0.027				1					8.2	6.5	0.01		
12/18/14	0.026									8	6.3	0.01		
12/19/14	0.025									7.9	6.1	0.01		
12/20/14	0.029									7.7	6.3	0.01		
12/21/14	0.026									7.8	6	0.01		
12/22/14	0.028	19	15	0.62		4.413	3.484	0.144	8.63	8.9	7.4	0.01	26.64	
12/23/14	0.027				1					7.8	7	0.01		
12/24/14	0.032									8.2	7.1	0.01		
12/25/14	0.029									7.9	6.7	0.01		
12/26/14	0.029									7.7	6.5	0.01		
12/27/14	0.030									7.9	6.1	0.01		
12/28/14	0.032									7.7	6.4	0.01		
12/29/14	0.025									7.6	6.8	0.01		
12/30/14	0.026									7.8	6.7	0.01		
12/31/14	0.028									7.5	6.7	0.01		
Average	0.030	6	6	0.4	1.00	1	1.407	0.09	4.1	7.94	7	0.01	22.59	
Maximum	0.077	19	15	0.6	1.00	4	3.484	0.1	8.6	8.90	7	0.01	26.64	
Exceed.	0	0	0	0	0	0	0	0	0					