



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

February 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 January 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 January 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,


Kevin Thompson
Process Supervisor, East Region

KT/Bancroft 01/14

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
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 01/01/14 to 01/31/14	DMR Due Date:	04/28/14
Status:		NetDMR Validated	

Considerations for Form Completion			
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					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	29/30 - 29 Per Month 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	=	6		26 - lb/d	=	20	=	26		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					=	32	=	38		19 - mg/L	0	01/07 - Weekly 01/07 - Weekly	GR - GRAB GR - GRAB			
					Permit Req.															19 - mg/L	
					Value NODI																
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	2	--	Sample	=	0.1	=	0.2		26 - lb/d	=	0.5	=	0.8		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					=	3	=	4.2		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	=	0.029	=	0.047		03 - MGD							0	99/99 - Continuous 99/99 - Continuous	CN - CONTIN RC - RCORDR	
					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.																19 - mg/L
					Value NODI																
51040	E. coli	1 - Effluent Gross	0	--	Sample							=	2	=	4		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	=	1.5		26 - lb/d	=	5	=	7		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
201401_Bancroft_coverletter.pdf	pdf	16280
201401_Bancroft_MOR.pdf	pdf	8629

Report Last Saved By
BANCROFT WQTC MSD

Name: Kevin Thompson

E-Mail: kevin.thompson@louisvillemsd.org

Bancroft		Report for		Jan-14		Tot. Exc.=		0					
Tot. Flow=	0.89859	Concentrations		Pounds									
Date	Flow	TSS	BOD	NH3	Ecoli	TSS	BOD	NH3	Tot. Phos.	D.O.	p.H.	TRC	Tot. N
1/1/14	0.032									7.5	6	0.01	
1/2/14	0.027	12	2	0.34		2.745	0.458	0.078	2.27	7.1	6.1	0.01	17.7
1/3/14	0.027				1					7.5	6.4	0.01	
1/4/14	0.032									7.6	6.5	0.01	
1/5/14	0.038									9.7		0.01	
1/6/14	0.032									7.9	6.2	0.01	
1/7/14	0.031									8.9	6	0.01	
1/8/14	0.030									8	6	0.01	
1/9/14	0.026	22	5	0.22		4.725	1.074	0.047	4.24	8.6	6.2	0.01	38.41
1/10/14	0.025				4					8	6	0.01	
1/11/14	0.047									7.8	6.1	0.01	
1/12/14	0.036									7.2	6.4	0.01	
1/13/14	0.029									7.3	6.2	0.01	
1/14/14	0.026									7	6.4	0.01	
1/15/14	0.026									7.5	6.5	0.01	
1/16/14	0.026	18	7	0.5		3.969	1.544	0.110	2.75	7.6	6.4	0.01	38.41
1/17/14	0.024				2					8	6.4	0.01	
1/18/14	0.030									7.6	6.2	0.01	
1/19/14	0.030									7.5	6.2	0.01	
1/20/14	0.028									7.3	6.3	0.01	
1/21/14	0.026									7.3	6.3	0.01	
1/22/14	0.025									7.7	6.1	0.01	
1/23/14	0.025	26	4	0.78	1	5.501	0.846	0.165	2.71	7.9	6	0.01	32.41
1/24/14	0.030									7.8	6.2	0.01	
1/25/14	0.032									7.5	6.4	0.01	
1/26/14	0.033									7.6	6.5	0.01	
1/27/14	0.025									7.5	6.3	0.01	
1/28/14	0.026									7.6	6.5	0.01	
1/29/14	0.025									7.5	6.4	0.01	
1/30/14	0.027									7.7	6.5	0.01	
1/31/14	0.024									7.8	6.6	0.01	
Average	0.029	20	5	0.5	1.68	4	0.980	0.10	3.0	7.73	6	0.01	31.73
Maximum	0.047	26	7	0.8	4.00	6	1.544	0.2	4.2	9.70	7	0.01	38.41
Exceed.	0	0	0	0	0	0	0	0	0				