



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

December 15, 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 November 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 November 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 11/14

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 11/01/14 to 11/30/14	DMR Due Date:	12/28/14
Status:	NetDMR Validated		

Considerations for Form Completion

Principal Executive Officer			
First Name:	Greg	Title:	Exec. dir
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					=	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	=	2	26 - lb/d		=	5	=	7	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	=	27	19 - mg/L	0	01/07 - Weekly 01/07 - Weekly	CP - COMPOS 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	2	--	Sample	=	0.23	=	0.4	26 - lb/d		=	1	=	1.6	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						=	2.6	=	2.8	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	=	0.027	=	0.03	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	05/30 - 5 Times Every Month 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	=	1.23	26 - lb/d		=	5	=	6	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
BCRFT112014_COVER.pdf	pdf	17099
BCRFT112014_MOR.pdf	pdf	25441

Name: Duane Wright

E-Mail: duane.wright@louisvillemisd.org

Bancroft	Report for	Nov-14				Tot. Exc.=	0							
Tot. Flow= Date	0.81078 Flow	TSS	Concentrations BOD NH3		Ecoli	TSS	Pounds BOD NH3		Tot. Phos.	D.O.	p.H.	TRC	Tot. N	
11/1/14	0.028									8.6	6.6	0.01		
11/2/14	0.029									8.5	6.2	0.01		
11/3/14	0.025	3	6	0.67		0.615	1.230	0.137	2.25	8.8	6.1	0.01	21.51	
11/4/14	0.028				1					8.7	6.4	0.01		
11/5/14	0.026									8.6	6.3	0.01		
11/6/14	0.025									8.9	6.6	0.01		
11/7/14	0.021									8.8	6.3	0.01		
11/8/14	0.027									8.7	6.4	0.01		
11/9/14	0.028									8.9	6.4	0.01		
11/10/14	0.026	7	5	1.6		1.532	1.095	0.350	2.74	8	6.1	0.01	24.51	
11/11/14	0.026				1					8.5	6.9	0.01		
11/12/14	0.024									8.3	6.6	0.01		
11/13/14	0.024									8.5	6.6	0.01		
11/14/14	0.022				1					8.8	6.5	0.01		
11/15/14	0.026									8.4	6.2	0.01		
11/16/14	0.030									8.7	6.1	0.01		
11/17/14	0.028	7	3	0.56		1.631	0.699	0.130	2.77	8	6.3	0.01	26.51	
11/18/14	0.024				1					8.5	6.4	0.01		
11/19/14	0.024									8.1	6.1	0.01		
11/20/14	0.023									8.3	6.4	0.01		
11/21/14	0.023									8.2	6.5	0.01		
11/22/14	0.028									8.1	6.5	0.01		
11/23/14	0.035									7.5	6.2	0.01		
11/24/14	0.029	4	4	1.2		0.958	0.958	0.288	2.66	7.8	6.3	0.01	22.61	
11/25/14	0.027				1					7.6	6.2	0.01		
11/26/14	0.029									7.7	6	0.01		
11/27/14	0.031									9.5	6	0.01		
11/28/14	0.029									8.5	6.1	0.01		
11/29/14	0.030									8.6	6.3	0.01		
11/30/14	0.034									8.8	6.1	0.01		
12/1/14														
Average	0.027	5	5	1	1.00	1	0.996	0.23	2.6	8.43	6	0.01	23.79	
Maximum	0.035	7	6	1.6	1.00	2	1.230	0.4	2.8	9.50	7	0.01	26.51	
Exceed.	0	0	0	0	0	0	0	0	0					