

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



November 9, 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 October 2015.**

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 October 2015.

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 black ink that reads "Duane V. Wright". The signature is written in a cursive style with a large initial "D".

Duane V. Wright
Process Supervisor, East Region

DVW/Bancroft 10/15

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 10/01/15 to 10/31/15	DMR Due Date:	11/28/15
Status:	NetDMR Validated		

Considerations for Form Completion

Principal Executive Officer			
First Name:	Tony	Title:	Exec. Dir
Last Name:	Parrott	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 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								12 - SU					
					Value NODI															
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample	=	1	=	2	26 - lb/d	=	10	=	18	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	=					=	12	=	14	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	1	--	Sample	=	0.12	=	0.19	26 - lb/d	=	0.7	=	1	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	=					=	1.5	=	1.8	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	=	0.024	=	0.029	03 - MGD						0	99/99 - Continuous 99/99 - Continuous	CN - CONTIN RC - Recorder (auto)		
					Permit Req.		Req Mon MO AVG		Req Mon WKLY AVG	03 - MGD										
					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 [5 day, 20 C]	1 - Effluent Gross	0	--	Sample	=	0.3	=	0.35	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
Bancroft102015_MOR.pdf	pdf	26031
Bancroft102015_cover.pdf	pdf	47232

Report Last Saved By
BANCROFT WQTC MSD

Name: Kevin Ries

E-Mail: kevin.ries@louisvillemsd.org

Bancroft		Report for		Oct-15		Tot. Exc.=		0					
Tot. Flow= Date	0.74077 Flow	TSS	Concentrations		Ecoli	TSS	Pounds		NH3	Tot. Phos.	D.O.	p.H.	TRC
			BOD	NH3			BOD						
10/1/15	0.021	12	2	1.1		2.081	0.347	0.191	1.26	7.8	6.4	0.01	
10/2/15	0.021				1					7.8	6.4	0.01	
10/3/15	0.034									7.7	6.5	0.01	
10/4/15	0.023									7.8	6.3	0.01	
10/5/15	0.022									7.7	6.7	0.01	
10/6/15	0.020									7.7	6.7	0.01	
10/7/15	0.023									7.4	6.4	0.01	
10/8/15	0.016	18	2	0.67		2.367	0.263	0.088	1.38	7.5	6.3	0.01	
10/9/15	0.021				1					7.5	6.3	0.01	
10/10/15	0.020									7.5	6.3	0.01	
10/11/15	0.024									7.3	6.2	0.01	
10/12/15	0.023									7.5	6.4	0.01	
10/13/15	0.032									7.3	6.1	0.01	
10/14/15	0.020									7.4	6.2	0.01	
10/15/15	0.019									7.5	6.3	0.01	
10/16/15	0.018	3	2	0.62	1	0.442	0.294	0.091	1.44	7.5	6.1	0.01	
10/17/15	0.025									7.4	6.3	0.01	
10/18/15	0.025									7.5	6.5	0.01	
10/19/15	0.020									7.5	6.5	0.01	
10/20/15	0.018									7.4	6.4	0.01	
10/21/15	0.019									7.4	6.4	0.01	
10/22/15	0.020	5	2	0.56		0.819	0.328	0.092	1.81	7.4	6.4	0.01	
10/23/15	0.023				1					7.5	6.5	0.01	
10/24/15	0.028									7.4	6.6	0.01	
10/25/15	0.028									7.5	6.5	0.01	
10/26/15	0.025									7.5	6.5	0.01	
10/27/15	0.040									7.5	6.5	0.01	
10/28/15	0.041									7.3	6.3	0.01	
10/29/15	0.025									7.3	6.3	0.01	
10/30/15	0.022									8.1	6.3	0.01	
10/31/15	0.025									7.5	6.1	0.01	
Average	0.024	10	2	0.7	1.00	1	0.308	0.12	1.5	7.52	6	0.01	
Maximum	0.041	18	2	1.1	1.00	2	0.347	0.19	1.8	8.10	7	0.01	
Exceed.	0	0	0	0	0	0	0	0	0				

Tot. N
9.53

11.96

11.98

14.36

11.96
14.36