

MSD

Metropolitan Sewer District

August 13, 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 July 2015.**

Dear Ms. Edwards:

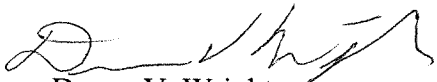
Attached is the Discharge Monitoring Reports (DMRs) and the Monthly Operator Report (MOR) for the Bancroft WQTC; KPDES No.: KY0039021 for the month of July 2015.

There were no exceedances, overflow or bypass reports for this month.

The flows for the 22nd and 23rd of July are a calculated average of the last 6 months average flows, due to the flow meter not reading correctly on those two days. Flow meter was repaired on the afternoon of the 23rd.

If you have any questions concerning the attached DMRs, please contact me at (502)587-5856.

Sincerely,



Duane V. Wright
Process Supervisor, East Region

DVW/Bancroft 07/15

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 07/01/15 to 07/31/15	DMR Due Date:	08/28/15
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	=	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				<=	9 MAXIMUM		12 - SU					
					Value NODI														
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample	=	0.8	=	1	26 - lb/d	=	3	=	4	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	=					=	17	=	22	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	=	0.14	=	0.17	26 - lb/d	=	0.6	=	0.6	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	=					=	2	=	3	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	=	0.038	=	0.066	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	=	1.1	=	2.07	26 - lb/d	=	4	=	8	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
BCRFT072015_COVER.pdf	pdf	53166
BCROFT072015_MOR.pdf	pdf	25620

Report Last Saved By
BANCROFT WQTC MSD

Name: Kevin Ries

E-Mail: kevin.ries@louisvillemsd.org

Bancroft		Report for		Jul-15		Tot. Exc.=		0						
Tot. Flow= Date	1.16524 Flow	Concentrations				Pounds								
		TSS	BOD	NH3	Ecoli	TSS	BOD	NH3	Tot. Phos.	D.O.	p.H.	TRC	Tot. N	
7/1/15	0.028	3	3	0.62		0.696	0.696	0.144	2.41	7.4	6.7	0.01	18.46	
7/2/15	0.039				1					7.5	6.7	0.01		
7/3/15	0.044									7.7	6.6	0.01		
7/4/15	0.033									7.6	6.7	0.01		
7/5/15	0.031									7.4	6.6	0.01		
7/6/15	0.027									7.5	6.5	0.01		
7/7/15	0.031									7.1	6.6	0.01		
7/8/15	0.034	3	3	0.59		0.857	0.857	0.169	3.03	7.3	6.4	0.01	22.16	
7/9/15	0.035				1					7.2	6.4	0.01		
7/10/15	0.041									7.2	6.5	0.01		
7/11/15	0.039									7.4	6.5	0.01		
7/12/15	0.168									7	6.4	0.01		
7/13/15	0.041									7	7.2	0.01		
7/14/15	0.103									7.2	7	0.01		
7/15/15	0.032									7.2	6.7	0.01		
7/16/15	0.028	3	3	0.42		0.713	0.713	0.100	1.42	7.1	6.6	0.01	11.96	
7/17/15	0.028				1					7.3	6.4	0.01		
7/18/15	0.062									7.2	6.3	0.01		
7/19/15	0.034									7.1	6.2	0.01		
7/20/15	0.031									7.1	6.2	0.01		
7/21/15	0.036									7.1	6.2	0.01		
7/22/15	0.031	4	8	0.62		1.034	2.068	0.160	0.3	7.3	6.6	0.01	17.06	
7/23/15	0.031				1					7.2	6.9	0.01		
7/24/15	0.021									7.1	6.8	0.01		
7/25/15	0.022									8.9	7.2	0.01		
7/26/15	0.023									8.5	7	0.01		
7/27/15	0.022									8.5	7	0.01		
7/28/15	0.020									8	6.8	0.01		
7/29/15	0.017									8	6.8	0.01		
7/30/15	0.015									8	6.8	0.01		
7/31/15	0.015									8.1	6.6	0.01		
Average	0.038	3	4	0.6	1.00	1	1.084	0.14	1.8	7.49	7	0.01	17.41	
Maximum	0.168	4	8	0.6	1.00	1	2.068	0.2	3.0	8.90	7	0.01	22.16	
Exceed.	2	0	0	0	0	0	0	0	0					