

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



April 12, 2016

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 March 2016.**

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 March 2016.

This plant stopped discharging flow on March 31, 2016. MSD personnel E-mailed a No Discharge Certification letter to Ann Workman on April 5, 2016.

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, appearing to read "Duane V. Wright".

Duane V. Wright
Process Supervisor, East Region

DVW/Bancroft 03/16

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 03/01/16 to 03/31/16	DMR Due Date:	04/28/16	Status:	NetDMR Validated

Considerations for Form Completion

Principal Executive Officer					
First Name:	James A.	Title:	Exec. Dir.	Telephone:	502-540-6000
Last Name:	Parrott				

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	29/30 - 29 Per Month 07/WD - Weekly When Discharging	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	
					Permit Req.	>=	6 MINIMUM				<=	9 MAXIMUM			12 - SU				
					Value NODI														
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample	=	3	=	3	26 - lb/d	=	13	=	14	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	=					=	16	=	19	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	=	0.22	=	0.3	26 - lb/d	=	1	=	2	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	=					=	1.7	=	2.5	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	=	0.048	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	29/30 - 29 Per Month 01/07 - Weekly	GR - GRAB GR - GRAB	
					Permit Req.						<=	0.011 MO AVG	<=	0.019 WKLY AVG	19 - mg/L				
					Value NODI														
51040	E. coli	1 - Effluent Gross	0	--	Sample						=	1	=	2	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	=	0.7	=	0.88	26 - lb/d	=	4	=	4	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
This is the last DMR for this plant. See cover letter.

Attachments

Name	Type	Size
BANCROFT032016_lastMOR.pdf	pdf	25354
BCRFT032016_COVER.pdf	pdf	50495

Report Last Saved By
BANCROFT WQTC MSD

Name: Kevin Ries

E-Mail: kevin.ries@louisvillemsd.org

Bancroft		Report for		Mar-16		Tot. Exc.=		0						
Tot. Flow= Date	1.14414 Flow	TSS	Concentrations		Ecoli	TSS	Pounds		NH3	Tot. Phos.	D.O.	p.H.	TRC	Tot. N
			BOD	NH3			BOD							
3/1/16	0.026	14	4	0.84		3.071	0.877	0.184	1.7	7.2	6.5	0.01	14.45	
3/2/16	0.022				1					7.2	6.5	0.01		
3/3/16	0.023									7.5	6.3	0.01		
3/4/16	0.021									7.5	6.3	0.01		
3/5/16	0.023									7.3	6.4	0.01		
3/6/16	0.027									7.3	6.4	0.01		
3/7/16	0.022									7.5	6.4	0.01		
3/8/16	0.021	12	4	1.8		2.096	0.699	0.314	2.52	7.5	6.4	0.01	18.75	
3/9/16	0.020				1					7.5	6.5	0.01		
3/10/16	0.126									7.5	6.5	0.01		
3/11/16	0.034									7.3	6.2	0.01		
3/12/16	0.038									7.3	6.2	0.01		
3/13/16	0.040									7.3	6.2	0.01		
3/14/16	0.027									7.5	6.3	0.01		
3/15/16	0.023	13	4	0.84		2.481	0.763	0.160	1.66	7.5	6.3	0.01	13.25	
3/16/16	0.022				1					7.3	6.4	0.01		
3/17/16	0.022									7.4	6.4	0.01		
3/18/16	0.018									7.3	6.3	0.01		
3/19/16	0.024									7.4	6.4	0.01		
3/20/16	0.027									7	6.2	0.01		
3/21/16	0.019									7.2	6.2	0.01		
3/22/16	0.024	11	3	1.1		2.186	0.596	0.219	0.968	7.2	6.2	0.01	16.86	
3/23/16	0.037				2					7.2	6.2	0.01		
3/24/16	0.037									7.2	6.2	0.01		
3/25/16	0.025									7.3	6.3	0.01		
3/26/16	0.099									7.2	6.3	0.01		
3/27/16	0.076									7.2	6.3	0.01		
3/28/16	0.039									7.2	6.3	0.01		
3/29/16	0.101									7.2	6.3	0.01		
3/30/16	0.082									7.2	6.3	0.01		
3/31/16														
Average	0.038	13	4	1	1.19	2	0.734	0.22	1.7	7.31	6	0.01	15.83	
Maximum	0.126	14	4	1.8	2.00	3	0.877	0.3	2.5	7.50	7	0.01	18.75	
Exceed.	4	0	0	0	0	0	0	0	0					