

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



February 14, 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 January 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 January 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 cursive script that reads "Duane V. Wright".

Duane V. Wright  
Process Supervisor, East Region

DVW/Bancroft 01/16

Enclosures

cc: T. Singleton  
R. Shaw



*Beneficial Use of Louisville's Biosolids*  
[www.louisvillegreen.com](http://www.louisvillegreen.com)

DMR Copy of Record

<b>Permit</b>					
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		

<b>Report Dates &amp; Status</b>					
Monitoring Period:	From 01/01/16 to 01/31/16	DMR Due Date:	02/28/16	Status:	NetDMR Validated

Considerations for Form Completion

<b>Principal Executive Officer</b>					
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					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			=	6	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	=	3	=	4	26 - lb/d		=	13	=	20	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						=	14	=	16	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	=	0.31	=	0.4	26 - lb/d		=	2	=	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						=	2	=	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	=	0.022	=	0.041	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	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	=	0.4	=	0.4	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**

<b>Attachments</b>		
Name	Type	Size
BANCROFT012016_cover.pdf	pdf	48940
BCRFT012016_MOR.pdf	pdf	25646

**Report Last Saved By**  
BANCROFT WQTC MSD

Name: Kevin Ries

E-Mail: kevin.ries@louisvillemsd.org

<b>Bancroft</b>		Report for		<b>Jan-16</b>		Tot. Exc.=		0						
Tot. Flow= Date	0.69264 Flow	TSS	Concentrations		Ecoli	TSS	Pounds		NH3	Tot. Phos.	D.O.	p.H.	TRC	Tot. N
			BOD	NH3			BOD							
1/1/16	0.020										7	6	0.01	
1/2/16	0.022										7.2	6.2	0.01	
1/3/16	0.023	12	2	1.3		2.326	0.388	0.252	1.62	7.5	6.4	0.01	11.35	
1/4/16	0.022				1					7.5	6.4	0.01		
1/5/16	0.018									8	6.3	0.01		
1/6/16	0.018									7.7	6.3	0.01		
1/7/16	0.022									7.5	6.2	0.01		
1/8/16	0.020									7.5	6.2	0.01		
1/9/16	0.022									7.5	6.2	0.01		
1/10/16	0.026	20	2	1.4		4.293	0.429	0.301	2.52	7.6	6.1	0.01	15.85	
1/11/16	0.020				1					7.6	6.1	0.01		
1/12/16	0.019									7.7	6.2	0.01		
1/13/16	0.024									7.7	6.2	0.01		
1/14/16	0.041									7.8	6.3	0.01		
1/15/16	0.020									7.8	6.3	0.01		
1/16/16	0.020									7.5	6.2	0.01		
1/17/16	0.022									7.6	6.3	0.01		
1/18/16	0.021	15	2	1.7		2.673	0.356	0.303	1.95	7.8	6.3	0.01	13.45	
1/19/16	0.027				1					7.8	6.3	0.01		
1/20/16	0.020									7.9	6.2	0.01		
1/21/16	0.020									7.9	6.2	0.01		
1/22/16	0.021									7.7	6.1	0.01		
1/23/16	0.022									7.5	6.1	0.01		
1/24/16	0.024	5	2	2		0.997	0.399	0.399	1.76	7.7	6.2	0.01	15.55	
1/25/16	0.018				1					7.7	6.2	0.01		
1/26/16	0.020									7.8	6.3	0.01		
1/27/16	0.021									7.8	6.3	0.01		
1/28/16	0.020									7.8	6.3	0.01		
1/29/16	0.020									7.6	6.2	0.01		
1/30/16	0.027									7.6	6.2	0.01		
1/31/16	0.031									7.6	6.2	0.01		
Average	0.022	13	2	2	1.00	3	0.393	0.31	2.0	7.64	6	0.01	14.05	
Maximum	0.041	20	2	2.0	1.00	4	0.429	0.4	2.5	8.00	6	0.01	15.85	
Exceed.	0	0	0	0	0	0	0	0	0					