

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

# MSD

Metropolitan Sewer District

June 2, 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 May 2015.**

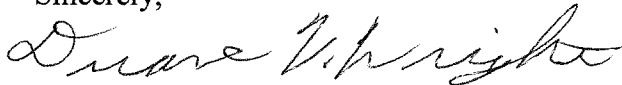
Dear Ms. Edwards:

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



Duane V. Wright  
Process Supervisor, East Region

DVW/Bancroft 05/15

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
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

<b>Report Dates &amp; Status</b>			
Monitoring Period:	From 05/01/15 to 05/31/15	DMR Due Date:	06/28/15
Status:	NetDMR Validated		

**Considerations for Form Completion**

<b>Principal Executive Officer</b>			
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	GR - GRAB
					Permit Req.	>=	7 INST MIN								19 - mg/L	07/WD - Weekly When Discharging		GR - GRAB	
					Value NODI														
00400	pH	1 - Effluent Gross	0	--	Sample	=	6				=	7			12 - SU	0	29/30 - 29 Per Month	GR - GRAB	
					Permit Req.	>=	6 MINIMUM				<=	9 MAXIMUM		12 - SU	01/07 - Weekly		GR - GRAB		
					Value NODI														
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample	=	4	=	6	26 - lb/d	=	12	=	18	19 - mg/L	0	01/07 - Weekly	CP - COMPOS	
					Permit Req.	<=	20 MO AVG	<=	30 WKLY AVG	26 - lb/d	<=	30 MO AVG	<=	45 WKLY AVG	19 - mg/L		01/07 - Weekly	24 - COMP24	
					Value NODI														
00600	Nitrogen, total [as N]	1 - Effluent Gross	0	--	Sample	=					=	26	=	34	19 - mg/L	0	01/07 - Weekly	CP - COMPOS	
					Permit Req.							Req Mon MO AVG		Req Mon WKLY AVG	19 - mg/L		01/07 - Weekly	GR - GRAB	
					Value NODI														
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	1	--	Sample	=	0.19	=	0.32	26 - lb/d	=	0.6	=	0.7	19 - mg/L	0	01/07 - Weekly	CP - COMPOS	
					Permit Req.	<=	2.67 MO AVG	<=	4.01 WKLY AVG	26 - lb/d	<=	4 MO AVG	<=	6 WKLY AVG	19 - mg/L		01/07 - Weekly	24 - COMP24	
					Value NODI														
00665	Phosphorus, total [as P]	1 - Effluent Gross	0	--	Sample	=					=	1.9	=	3.5	19 - mg/L	0	01/09 - Once Every 9 Days	CP - COMPOS	
					Permit Req.							Req Mon MO AVG		Req Mon WKLY AVG	19 - mg/L		01/07 - Weekly	24 - COMP24	
					Value NODI														
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	0.028	=	0.033	03 - MGD						0	99/99 - Continuous	CN - CONTIN	
					Permit Req.		Req Mon MO AVG		Req Mon WKLY AVG	03 - MGD					99/99 - Continuous		RC - Recorder (auto)		
					Value NODI														
50060	Chlorine, total residual	1 - Effluent Gross	0	--	Sample						<	0.01	<	0.01	19 - mg/L	0	01/01 - Daily	GR - GRAB	
					Permit Req.						<=	.011 MO AVG	<=	.019 WKLY AVG	19 - mg/L		01/07 - Weekly	GR - GRAB	
					Value NODI														
51040	E. coli	1 - Effluent Gross	0	--	Sample						=	1	=	1	13 - #/100mL	0	01/07 - Weekly	GR - GRAB	
					Permit Req.						<=	130 30DA GEO	<=	240 7 DA GEO	13 - #/100mL		01/07 - Weekly	GR - GRAB	
					Value NODI														
80082	BOD, carbonaceous, 05 day, 20 C	1 - Effluent Gross	0	--	Sample	=	1	=	1.56	26 - lb/d	=	3	=	3	19 - mg/L	0	01/07 - Weekly	CP - COMPOS	
					Permit Req.	<=	16.7 MO AVG	<=	25.04 WKLY AVG	26 - lb/d	<=	25 MO AVG	<=	37.5 WKLY AVG	19 - mg/L		01/07 - Weekly	24 - COMP24	
					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
Bancroft052015_MOR.pdf	pdf	25627
BANCROFT052015_COVER.pdf	pdf	46137

**Report Last Saved By**  
BANCROFT WQTC MSD

Name: Kevin Ries

E-Mail: kevin.ries@louisvillemsd.org

<b>Bancroft</b>		Report for		<b>May-15</b>		Tot. Exc.=		0						
Tot. Flow= Date	0.86381 Flow	TSS	Concentrations		Ecoli	TSS	Pounds		NH3	Tot. Phos.	D.O.	p.H.	TRC	Tot. N
			BOD	NH3			BOD							
5/1/15	0.036										7.4	6.7	0.01	
5/2/15	0.036										7.2	6.5	0.01	
5/3/15	0.062	8	3	0.62		4.155	1.558	0.322	3.5	7.7	6.4	0.01	22.41	
5/4/15	0.031				1					7.3	6	0.01		
5/5/15	0.023									7.5	6.3	0.01		
5/6/15	0.023									7.4	6.1	0.01		
5/7/15	0.021									7.3	6	0.01		
5/8/15	0.023									7.3	6	0.01		
5/9/15	0.031									7.3	6.1	0.01		
5/10/15	0.032	5	3	0.7		1.333	0.800	0.187	3.25	7.2	6	0.01	21.01	
5/11/15	0.030				1					7.5	6.6	0.01		
5/12/15	0.024									7.8	6.5	0.01		
5/13/15	0.021									7.2	6	0.01		
5/14/15	0.021									7.3	6.1	0.01		
5/15/15	0.024									7.1	6.4	0.01		
5/16/15	0.027									7.2	6.2	0.01		
5/17/15	0.032	16	3	0.5		4.283	0.803	0.134	0.504	7.3	6.1	0.01	34.46	
5/18/15	0.029				1					7.5	6.1	0.01		
5/19/15	0.022									7.8	6	0.01		
5/20/15	0.023									7.5	6.7	0.01		
5/21/15	0.022									7.5	6.7	0.01		
5/22/15	0.023									7.5	6.7	0.01		
5/23/15	0.027									7.3	6.8	0.01		
5/24/15	0.028									7.2	6.6	0.01		
5/25/15	0.039	18	3	0.38		5.826	0.971	0.123	0.408	9		0.01	24.66	
5/26/15	0.033				1					7.8	6.1	0.01		
5/27/15	0.020									7.5	6.3	0.01		
5/28/15	0.019									7.7	7	0.01		
5/29/15	0.023									7.8	6.8	0.01		
5/30/15	0.028									7	6.7	0.01		
5/31/15	0.029									7	6.7	0.01		
Average	0.028	12	3	0.6	1.00	4	1.033	0.19	1.9	7.45	6	0.01	25.64	
Maximum	0.062	18	3	0.7	1.00	6	1.558	0.3	3.5	9.00	7	0.01	34.46	
Exceed.	0	0	0	0	0	0	0	0	0					