

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



May 14, 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 April 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 April 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 cursive script that reads "Duane V. Wright".

Duane V. Wright  
Process Supervisor, East Region

DVW/Bancroft 04/15

Enclosures

cc: T. Singleton  
R. Shaw



*Beneficial Use of Louisville's Biosolids*  
www.louisvillegreen.com

**DMR Copy of Record**

<b>Permit</b>			
<b>Permit #:</b>	<b>KY0039021</b>	<b>Permittee:</b>	BANCROFT WQTC MSD
<b>Major:</b>	No	<b>Permittee Address:</b>	7610 OLD ORCHARD CIR LOUISVILLE, KY 40222
<b>Permitted Feature:</b>	001 External Outfall	<b>Discharge:</b>	<b>001-1</b> SANITARY WASTEWATER
<b>Facility:</b>		<b>Facility Location:</b>	BANCROFT WQTC MSD 7610 OLD ORCHARD CIR LOUISVILLE, KY 40222

<b>Report Dates &amp; Status</b>			
<b>Monitoring Period:</b>	<b>From 04/01/15 to 04/30/15</b>	<b>DMR Due Date:</b>	<b>05/28/15</b>
<b>Status:</b>	<b>NetDMR Validated</b>		

**Considerations for Form Completion**

<b>Principal Executive Officer</b>			
<b>First Name:</b>	Greg	<b>Title:</b>	Exec. Dir
<b>Last Name:</b>	Heitzman	<b>Telephone:</b>	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	=	4	=	7	19 - mg/L	0	01/07 - Weekly 01/07 - Weekly	CP - COMPOS 24 - COMP24	
					Permit Req.		<=	20 MO AVG											19 - mg/L
					Value NODI														
00600	Nitrogen, total [as N]	1 - Effluent Gross	0	--	Sample	=					=	23	=	31	19 - mg/L	0	01/07 - Weekly 01/07 - Weekly	CP - COMPOS GR - GRAB	
					Permit Req.														19 - mg/L
					Value NODI														
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	2	--	Sample	=	0.15	=	0.2	26 - lb/d	=	0.6	=	0.7	19 - mg/L	0	01/07 - Weekly 01/07 - Weekly	CP - COMPOS 24 - COMP24	
					Permit Req.		<=	6.68 MO AVG											19 - mg/L
					Value NODI														
00665	Phosphorus, total [as P]	1 - Effluent Gross	0	--	Sample	=					=	2.9	=	5.1	19 - mg/L	0	01/07 - Weekly 01/07 - Weekly	CP - COMPOS 24 - COMP24	
					Permit Req.														19 - mg/L
					Value NODI														
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	0.043	=	0.08	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.														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.														13 - #/100mL
					Value NODI														
80082	BOD, carbonaceous, 05 day, 20 C	1 - Effluent Gross	0	--	Sample	=	0.8	=	0.81	26 - lb/d	=	3	=	3	19 - mg/L	0	01/07 - Weekly 01/07 - Weekly	CP - COMPOS 24 - COMP24	
					Permit Req.		<=	16.7 MO 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
BANCROFT042015_MOR.pdf	pdf	25355
bancrft042015_cover.pdf	pdf	46138

**Report Last Saved By**  
**BANCROFT WQTC MSD**

Name: Kevin Ries

E-Mail: kevin.ries@louisvillemsd.org

<b>Bancroft</b>		Report for		<b>Apr-15</b>		Tot. Exc.=		0						
Tot. Flow=		1.2934		Concentrations				Pounds						
Date	Flow	TSS	BOD	NH3	Ecoli	TSS	BOD	NH3	Tot. Phos.	D.O.	p.H.	TRC	Tot. N	
4/1/15	0.030	3	3	0.56		0.738	0.738	0.138	5.1	8	6	0.01	30.51	
4/2/15	0.038				1					8.3	6.1	0.01		
4/3/15	0.304									8	6.3	0.01		
4/4/15	0.062									8.4	6.4	0.01		
4/5/15	0.044									8	6.2	0.01		
4/6/15	0.035									7.9	6.4	0.01		
4/7/15	0.050									7.7	6.5	0.01		
4/8/15	0.037	4	3	0.7		1.235	0.926	0.216	0.932	7.5	6.1	0.01	11.51	
4/9/15	0.036				1					7.7	6.4	0.01		
4/10/15	0.033									7.4	6.3	0.01		
4/11/15	0.034									7.5	6.3	0.01		
4/12/15	0.034									7.7	6.2	0.01		
4/13/15	0.027									7.3	6	0.01		
4/14/15	0.034									7.2	6.5	0.01		
4/15/15	0.032	2	3	0.42		0.538	0.807	0.113	1.93	7.3	6.7	0.01	23.89	
4/16/15	0.031				1					7.5	6.5	0.01		
4/17/15	0.029									7.9	6.3	0.01		
4/18/15	0.030									7.5	6.8	0.01		
4/19/15	0.040									7.2	6.6	0.01		
4/20/15	0.031									7	6.4	0.01		
4/21/15	0.030									7.4	6.6	0.01		
4/22/15	0.028	7	3	0.56		1.614	0.692	0.129	3.77	7.5	6.3	0.01	24.71	
4/23/15	0.029				1					7.7	6.2	0.01		
4/24/15	0.024									7.3	6	0.01		
4/25/15	0.036									7.5	6.5	0.01		
4/26/15	0.034									7.4	6.4	0.01		
4/27/15	0.028									7.3	6.5	0.01		
4/28/15	0.030									7.7	6.4	0.01		
4/29/15	0.031									7.5	6.2	0.01		
4/30/15	0.033									7.4	6.2	0.01		
5/1/15														
Average	0.043	4	3	0.6	1.00	1	0.791	0.15	2.9	7.59	6	0.01	22.66	
Maximum	0.304	7	3	0.7	1.00	2	0.926	0.2	5.1	8.40	7	0.01	30.51	
Exceed.	1	0	0	0	0	0	0	0	0					