

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



December 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 November 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 November 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 black ink, appearing to read "Duane V. Wright", is written over a light blue horizontal line.

Duane V. Wright  
Process Supervisor, East Region

DVW/Bancroft 11/15

Enclosures

cc: T. Singleton  
R. Shaw



*Beneficial Use of Louisville's Biosolids*  
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 11/01/15 to 11/30/15	DMR Due Date:	12/28/15	Status:	NetDMR Validated

**Considerations for Form Completion**

<b>Principal Executive Officer</b>					
First Name:	Tony	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			=	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	=	2	=	3		26 - lb/d		=	7	=	11		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		=	17		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	=	0.2	=	0.4		26 - lb/d		=	0.7	=	0.9		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		=	2.5		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	=	0.039	=	0.061		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	=	0.6	=	0.84		26 - lb/d		=	2	=	3		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
BANCROFT112015_MOR.pdf	pdf	24648
BCRFT112015_COVER.pdf	pdf	45215

Name: Duane Wright

E-Mail: [duane.wright@louisvillemisd.org](mailto:duane.wright@louisvillemisd.org)

<b>Bancroft</b>	Report for	<b>Nov-15</b>			Tot. Exc.=	0						
Tot. Flow= Date	Flow	TSS	Concentrations		Ecoli	TSS	Pounds BOD	NH3	Tot. Phos.	D.O.	p.H.	TRC
			BOD	NH3								
11/1/15	0.025									7.4	6.3	0.01
11/2/15	0.020	3	3	0.67		0.503	0.503	0.112	1.44	7.3	6.4	0.01
11/3/15	0.020	3			1	0.488				7.2	6.4	0.01
11/4/15	0.020									7.4	6.4	0.01
11/5/15	0.021									7.4	6.4	0.01
11/6/15	0.023									7.5	6.5	0.01
11/7/15	0.024									7.5	6.5	0.01
11/8/15	0.025									7.3	6.3	0.01
11/9/15	0.033	8	2	0.61		2.208	0.552	0.168	2.49	7.3	6.3	0.01
11/10/15	0.021				1					7.4	6.4	0.01
11/11/15	0.020									7.4	6.4	0.01
11/12/15	0.025									7.2	6	0.01
11/13/15	0.020									7.2	6	0.01
11/14/15	0.032									7.3	6.3	0.01
11/15/15	0.028									7.3	6.3	0.01
11/16/15	0.025	11	2	0.72		2.294	0.417	0.150	2.51	7.5	6.1	0.01
11/17/15	0.018				1					7.5	6.1	0.01
11/18/15	0.153									7.5	6.1	0.01
11/19/15	0.037									7.3	6.6	0.01
11/20/15	0.132									7.3	6.6	0.01
11/21/15	0.036									7.4	6.5	0.01
11/22/15	0.039									7.4	6.4	0.01
11/23/15	0.051	8	2	0.88		3.370	0.843	0.371	2.36	7.4	6.4	0.01
11/24/15	0.050				1					7.6	6.1	0.01
11/25/15	0.057									7.6	6.1	0.01
11/26/15	0.071									7.5	6.3	0.01
11/27/15	0.031									7.6	6.2	0.01
11/28/15	0.040									7.5	6.3	0.01
11/29/15	0.035									7.4	6.2	0.01
11/30/15	0.027									7.4	6.2	0.01
12/1/15												
Average	0.039	7	2	0.7	1.00	2	0.579	0.20	2.2	7.40	6	0.01
Maximum	0.153	11	3	0.9	1.00	3	0.843	0.4	2.5	7.60	7	0.01
Exceed.	2	0	0	0	0	0	0	0	0			