



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

September 9, 2014

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 August 2014.**

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 August 2014.

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 that reads "Duane V. Wright". The signature is written in a cursive style with a large, stylized "D" and "W".

Duane V. Wright
Process Supervisor, East Region

DVW/Bancroft 08/14

Enclosures

cc: T. Singleton
R. Shaw



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

DMR Copy of Record

Permit

Permit #:
Major:

KY0039021
No

Permittee:
Permittee Address:

BANCROFT WQTC MSD
7610 OLD ORCHARD CIR
LOUISVILLE, KY 40222

Facility:
Facility Location:

BANCROFT WQTC MSD
7610 OLD ORCHARD CIR
LOUISVILLE, KY 40222

Permitted Feature:

001
External Outfall

Discharge:

001-1
SANITARY WASTEWATER

Report Dates & Status

Monitoring Period:

From 08/01/14 to 08/31/14

DMR Due Date:

09/28/14

Status:

NetDMR Validated

Considerations for Form Completion

Principal Executive Officer

First Name:
Last Name:

Greg
Heitzman

Title:

Exec. Dir.

Telephone:

502-540-6000

No Data Indicator (NODI)

Form NODI: --

Parameter		Monitoring Location	Season #	Param. NODI		Quantity or Loading					Quality or Concentration							# of Ex.	Frequency of Analysis	Sample Type
Code	Name					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
					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
					Permit Req.						>=	6 MINIMUM			<=	9 MAXIMUM	12 - SU			
					Value NODI															
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample	=	0.7	=	0.8	26 - lb/d			=	2	=	3	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								=	25	=	27	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	1	--	Sample	=	0.07	=	0.08	26 - lb/d			=	0.2	=	0.2	19 - mg/L	0	01/07 - Weekly 01/07 - Weekly	CP - COMPOS 24 - COMP24
					Permit Req.	<=	2.67 MO AVG	<=	4.01 WKLY AVG	26 - lb/d			<=	4 MO AVG	<=	6 WKLY AVG	19 - mg/L			
					Value NODI															
00665	Phosphorus, total [as P]	1 - Effluent Gross	0	--	Sample								=	2.6	=	3.1	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	=	0.036	=	0.042	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	01/01 - Daily 01/07 - Weekly	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
					Permit Req.								<=	130 30DA GEO	<=	240 7 DA GEO	13 - #/100mL			
					Value NODI															
80082	BOD, carbonaceous, 05 day, 20 C	1 - Effluent Gross	0	--	Sample	=	1.1	=	2.45	26 - lb/d			=	3	=	7	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
Bancroft082014_MOR.pdf	pdf	25648
Bancroft082014_COVER.pdf	pdf	17471

Report Last Saved By

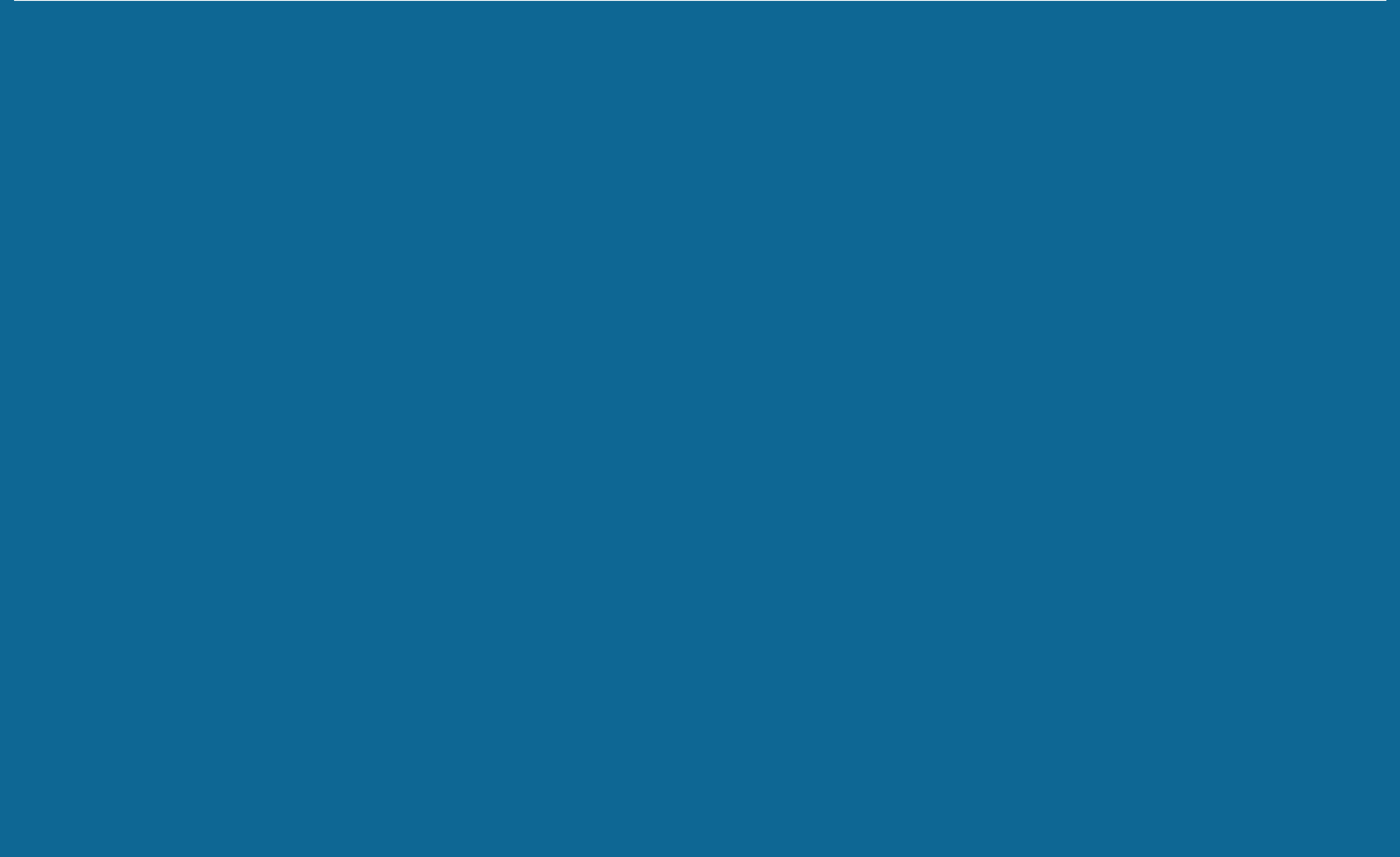
BANCROFT WQTC MSD

User:

wrightd

Date/Time:

2014-09-24 06:58 (Time Zone: -04:00)



Bancroft		Report for		Aug-14		Tot. Exc.=		0							
Tot. Flow=		1.10755		Concentrations				Pounds							
Date	Flow	TSS	BOD	NH3	Ecoli	TSS	BOD	NH3	Tot. Phos.	D.O.	p.H.	TRC	Tot. N		
8/1/14	0.032									7.1	6.6	0.01			
8/2/14	0.035									7.5	6.4	0.01			
8/3/14	0.036									7.3	6.3	0.01			
8/4/14	0.034	3	2	0.22		0.845	0.564	0.062	3.11	7	6.1	0.01	27.19		
8/5/14	0.036				1					7.1	6.4	0.01			
8/6/14	0.033									7.3	6.3	0.01			
8/7/14	0.036									7.5	6.5	0.01			
8/8/14	0.035									7.3	6.3	0.01			
8/9/14	0.038									7.4	6.4	0.01			
8/10/14	0.042									7.2	6.3	0.01			
8/11/14	0.042	2	7	0.22		0.701	2.453	0.077	2.45	7.3	6.5	0.01	22.93		
8/12/14	0.024				1					7	6	0.01			
8/13/14	0.031									7.8	6.1	0.01			
8/14/14	0.032									8	6.1	0.01			
8/15/14	0.032									8.4	6	0.01			
8/16/14	0.036									8.5	6.3	0.01			
8/17/14	0.039									8.3	6.2	0.01			
8/18/14	0.038	2	2	0.22		0.633	0.633	0.070	2.68	8.5	6	0.01	24.61		
8/19/14	0.034				1					8.6	6	0.01			
8/20/14	0.036									8.8	6.2	0.01			
8/21/14	0.036									8.3	6.1	0.01			
8/22/14	0.039									8.5	6	0.01			
8/23/14	0.041									8.2	6	0.01			
8/24/14	0.042									8	6.4	0.01			
8/25/14	0.036	2	2	0.22		0.604	0.604	0.066	2.29	8.6	6.8	0.01	24.01		
8/26/14	0.037				1					8.5	6.5	0.01			
8/27/14	0.037									8.8	6.7	0.01			
8/28/14	0.036									8.4	6.3	0.01			
8/29/14	0.034									8.6	6.1	0.01			
8/30/14	0.035									8	6	0.01			
8/31/14	0.035									8	6	0.01			
Average	0.036	2	3	0.20	1.00	0.7	1.063	0.07	2.6	7.93	6	0.01	24.69		
Maximum	0.042	3	7	0.22	1.00	0.8	2.453	0.08	3.1	8.80	7	0.01	27.19		
Exceed.	0	0	0	0	0	0	0	0	0						