



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

August 5, 2014

Ms. Cheryl Edwards
Kentucky Division of Water
200 Fair Oaks Lane
Frankfort, Kentucky 40601

**Re: MSD Metro Operations
Berrytown WQTC; KPDES No.: KY0036501
Discharge Monitoring Reports – July 2014**

Dear Ms. Edwards:

Attached are the Discharge Monitoring Reports (DMRs) and the Monthly Operating Report (MOR) for the Berrytown WQTC, KPDES No.: KY0036501 for the month of July 2014.

There were no exceedences, bypasses or overflows to report.

If you have any questions concerning the attached DMRs, please contact me at (502) 239-7574.

Sincerely,

A handwritten signature in cursive script that reads "Duane V. Wright".

Duane V. Wright
Process Supervisor Central Region

DVW/Berrytown 07.14

Enclosures

cc: T. Singleton
R. Shaw



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

DMR Copy of Record

Permit			
Permit #:	KY0036501	Permittee:	BERRYTOWN WQTC MSD
Major:	No	Permittee Address:	1203 HEAFER RD LOUISVILLE, KY 40222
Permitted Feature:	001 External Outfall	Discharge:	001-1 SANITARY WASTEWATER
Facility:		Facility Location:	BERRYTOWN WQTC MSD 1203 HEAFER RD LOUISVILLE, KY 40222

Report Dates & Status			
Monitoring Period:	From 07/01/14 to 07/31/14	DMR Due Date:	08/28/14
Status:	NetDMR Validated		

Considerations for Form Completion
 TOTAL NITROGEN IS THE SUMMATION OF THE ANALYTICAL RESULTS FOR TOTAL NITRATES, TOTAL NITRITES, AND TOTAL KJELDAHL NITROGEN

Principal Executive Officer			
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	27/30 - 27 Per Month 01/07 - Weekly	GR - GRAB GR - GRAB
					Permit Req.	>=	7 INST MIN								19 - mg/L				
					Value NODI														
00400	pH	1 - Effluent Gross	0	--	Sample	=	7				=	8			12 - SU	0	27/30 - 27 Per Month 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	=	1.5	=	2.3	26 - lb/d	=	3	=	3	19 - mg/L	0	01/07 - Weekly 01/07 - Weekly	CP - COMPOS 24 - COMP24	
					Permit Req.	<=	18.8 MO AVG	<=	28.2 WKLY AVG	26 - lb/d	<=	30 MO AVG	<=	45 WKLY AVG	19 - mg/L				
					Value NODI														
00600	Nitrogen, total	1 - Effluent Gross	0	--	Sample	=					=	19	=	20	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														
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	1	--	Sample	=	0.2	=	0.3	26 - lb/d	=	0.3	=	0.4	19 - mg/L	0	01/07 - Weekly 01/07 - Weekly	CP - COMPOS 24 - COMP24	
					Permit Req.	<=	2.5 MO AVG	<=	3.8 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	=					=	2.4	=	2.7	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	=	0.073	=	0.11	03 - MGD						0	99/99 - Continuous 99/99 - Continuous	CN - CONTIN IN - INSTAN	
					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	27/30 - 27 Per Month 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, 05 day, 20 C	1 - Effluent Gross	0	--	Sample	=	4.1	=	5.9	26 - lb/d	=	7	=	10	19 - mg/L	0	01/07 - Weekly 01/07 - Weekly	CP - COMPOS 24 - COMP24	
					Permit Req.	<=	15.7 MO AVG	<=	23.5 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
BTOWN072014_cover.pdf	pdf	17540
BTOWN072014_MOR.pdf	pdf	25062

Report Last Saved By
 BERRYTOWN WQTC MSD

Name: Kevin Ries
E-Mail: kevin.ries@louisvillemisd.org

Berrytown		Report for	Jul-14		Tot. Exc.=	0							
Tot. Flow=	2.25696	Concentrations				Pounds							
Date	Flow	TSS	BOD	NH3	Ecoli	TSS	BOD	NH3	Tot. Phos.	D.O.	p.H.	TRC	Tot. N
7/1/14	0.071	3	10	0.39		1.769	5.896	0.230	2.71			0.01	17.08
7/2/14	0.085				1					9.1	7	0.01	
7/3/14	0.094									9	7.4	0.01	
7/4/14	0.086									9.3	7.1	0.01	
7/5/14	0.073									9.4	7.2	0.01	
7/6/14	0.072									9	7	0.01	
7/7/14	0.071											0.01	
7/8/14	0.071									10	7	0.01	
7/9/14	0.066	2	6	0.17	1	1.096	3.288	0.093	1.97	10	7.3	0.01	
7/10/14	0.064									9.8	6.8	0.01	
7/11/14	0.062											0.01	
7/12/14	0.067									9.9	6.9	0.01	
7/13/14	0.069									9.8	6.8	0.01	19.91
7/14/14	0.092									10	6.8	0.01	
7/15/14	0.091	3	4	0.34		2.278	3.038	0.258	2.53	8.9	7	0.01	19.91
7/16/14	0.073				1					9.1	7.6	0.01	
7/17/14	0.073									8	7.1	0.01	
7/18/14	0.067									7.6	7	0.01	
7/19/14	0.067									7.8	7.2	0.01	
7/20/14	0.068									7.8	7.2	0.01	
7/21/14	0.065									8	7	0.01	
7/22/14	0.063	2	8	0.34		1.045	4.181	0.178	2.45	7.8	6.9	0.01	19.21
7/23/14	0.063				1					8.1	7.1	0.01	
7/24/14	0.062									7.6	7	0.01	
7/25/14	0.062									7.4	6.8	0.01	
7/26/14	0.062									7.4	6.6	0.01	
7/27/14	0.110									7.6	6.9	0.01	
7/28/14	0.087									7.4	7	0.01	
7/29/14	0.069									7.4	6.8	0.01	
7/30/14	0.065									7.5	7	0.01	
7/31/14	0.065									7	7	0.01	
Average	0.073	3	7	0.3	1.00	2	4.101	0.19	2.4	8.49	7	0.01	19.03
Maximum	0.110	3	10	0.4	1.00	2	5.896	0.3	2.7	10.00	8	0.01	19.91
Exceed.	7	0	0	0	0	0	0	0					