



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

August 26, 2013

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 2013**

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 2013.

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 07.13

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:	001-2 SANITARY WASTEWATER
Facility:		Facility Location:	BERRYTOWN WQTC MSD 1203 HEAFER RD LOUISVILLE, KY 40222

Report Dates & Status			
Monitoring Period:	From 07/01/13 to 07/31/13	DMR Due Date:	10/28/13
Status:	NetDMR Validated		

Considerations for Form Completion
Parameter 00610 - Use Season 1 for summer months (May, June, July, August, September, and October) and Season 2 for winter months (November, December, January, February March, and April); enter NODI=9 for the Season not needed.

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									19 - mg/L	29/30 - 29 Per Month	GR - GRAB		
					Permit Req.	>=	7 INST MIN										19 - mg/L	0	01/07 - Weekly	GR - GRAB
					Value NODI															
00400	pH	1 - Effluent Gross	0	--	Sample	=	7				=	8				12 - SU	29/30 - 29 Per Month	GR - GRAB		
					Permit Req.	>=	6 MINIMUM				<=	9 MAXIMUM				12 - SU	0	01/07 - Weekly	GR - GRAB	
					Value NODI															
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample	=	2.2	=	3	26 - lb/d	=	2	=	3	19 - mg/L	01/07 - Weekly	CP - COMPOS			
					Permit Req.	<=	18.8 30DA AVG	<=	37.6 DAILY MX	26 - lb/d	<=	30 30DA AVG	<=	60 DAILY MX	19 - mg/L	0	01/07 - Weekly	CP - COMPOS		
					Value NODI															
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	1	--	Sample	=	0.4	=	0.7	26 - lb/d	=	0.4	=	0.8	19 - mg/L	01/07 - Weekly	CP - COMPOS			
					Permit Req.	<=	2.5 30DA AVG	<=	5 DAILY MX	26 - lb/d	<=	4 30DA AVG	<=	8 DAILY MX	19 - mg/L	0	01/07 - Weekly	CP - COMPOS		
					Value NODI															
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	0.112	=	0.351	03 - MGD							99/99 - Continuous	CN - CONTIN		
					Permit Req.		Req Mon 30DA AVG		Req Mon INST MAX	03 - MGD							0	99/99 - Continuous	CN - CONTIN	
					Value NODI															
50060	Chlorine, total residual	1 - Effluent Gross	0	--	Sample						<	0.01	<	0.01	19 - mg/L	29/30 - 29 Per Month	GR - GRAB			
					Permit Req.						<=	.011 MO AVG	<=	.019 DAILY MX	19 - mg/L	0	01/07 - Weekly	GR - GRAB		
					Value NODI															
74055	Coliform, fecal general	1 - Effluent Gross	0	--	Sample						=	2	=	2	13 - #/100mL	01/07 - Weekly	GR - GRAB			
					Permit Req.						<=	200 30DA GEO	<=	400 7 DA GEO	13 - #/100mL	0	01/07 - Weekly	GR - GRAB		
					Value NODI															
80082	BOD, carbonaceous, 05 day, 20 C	1 - Effluent Gross	0	--	Sample	=	4.3	=	5.9	26 - lb/d	=	5	=	5	19 - mg/L	01/07 - Weekly	CP - COMPOS			
					Permit Req.	<=	18.8 30DA AVG	<=	37.6 DAILY MX	26 - lb/d	<=	30 30DA AVG	<=	60 DAILY MX	19 - mg/L	0	01/07 - Weekly	CP - COMPOS		
					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
Dissolved oxygen and pH were sampled 29 out of 31 days. There are no freq. of analysis codes for 29/31 days in NetDMR program.

Attachments		
Name	Type	Size
Berrytown072013_COVER.pdf	pdf	16960
Berrytown072013_MOR.pdf	pdf	24269

Report Last Saved By
BERRYTOWN WQTC MSD

User:	kevin.ries@louisvillemtd.org	Date/Time:	2013-08-27 11:29 (Time Zone: -04:00)
Name:	Kevin Ries		
E-Mail:	kevin.ries@louisvillemtd.org		

Berrytown												
Report for Jul-13												
Tot. Exc.= 0												
Concentrations												
Tot. Flow=	3.4731	Pounds										
Date	Flow	TSS	BOD	NH3	Fecal	TSS	BOD	NH3	Tot. Phos.	D.O.	p.H.	TRC
7/1/13	0.116	3	4	0.28		2.896	3.861	0.270	0.878	7.9	6.8	0.01
7/2/13	0.097				2					8.1	6.9	0.01
7/3/13	0.088									8.3	6.8	0.01
7/4/13	0.148									8.1	6.8	0.01
7/5/13	0.169									7.7	7.7	0.01
7/6/13	0.351											
7/7/13	0.276											
7/8/13	0.178	2	4	0.45		2.963	5.927	0.667	0.532	7.8	7.8	0.01
7/9/13	0.134				2					7.8	7.7	0.01
7/10/13	0.157									8.1	7.5	0.01
7/11/13	0.185									8.3	7.3	0.01
7/12/13	0.132									7.9	7.2	0.01
7/13/13	0.112									7.4	6.8	0.01
7/14/13	0.098									7.2	7	0.01
7/15/13	0.084	2	5	0.22		1.407	3.517	0.155	1.84	7.2	7	0.01
7/16/13	0.074				2					7.5	6.9	0.01
7/17/13	0.080									7.6	7.1	0.01
7/18/13	0.074									7.4	7.2	0.01
7/19/13	0.067									7.7	7	0.01
7/20/13	0.071									7.3	7.5	0.01
7/21/13	0.070									7.4	7.2	0.01
7/22/13	0.097	2	5	0.84		1.616	4.041	0.679	2.42	7.6	7.1	0.01
7/23/13	0.090				2					7.7	7.2	0.01
7/24/13	0.076									7.8	7.3	0.01
7/25/13	0.070									7.9	6.9	0.01
7/26/13	0.066									7.6	6.8	0.01
7/27/13	0.066									7.8	6.9	0.01
7/28/13	0.063									7.5	6.8	0.01
7/29/13	0.067									8.7	7.3	0.01
7/30/13	0.061									8.1	7.1	0.01
7/31/13	0.056									8.3	7.2	0.01
Average	0.112	2	5	0.4	2.00	2	4.336	0.44	1.4	7.78	7	0.01
Maximum	0.351	3	5	0.8	2.00	3	5.927	0.7	2.4	8.70	8	0.01
Exceed.	19	0	0	0	0	0	0	0				