

MSD

Metropolitan Sewer District

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

July 15, 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 – June 2013**

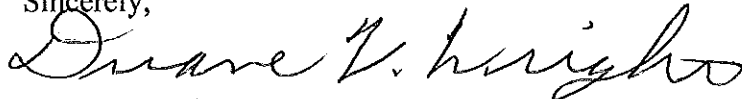
Dear Ms. Edwards:

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



Duane V. Wright
Process Supervisor Central Region

DVW/Berrytown 06.13

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 06/01/13 to 06/30/13	DMR Due Date:	07/28/13
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:	Executive Director
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
00300	Oxygen, dissolved (DO)	1 - Effluent Gross	0	--	Sample	=	7									19 - mg/L	29/30 - 29 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	=	6				=	8			12 - SU	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	=	1.4	=	1.7	26 - lb/d	=	2	=	3	19 - mg/L	01/07 - Weekly 01/07 - Weekly	CP - COMPOS CP - COMPOS	
					Permit Req.	<=	18.8 30DA AVG	<=	37.6 DAILY MX	26 - lb/d	<=	30 30DA AVG	<=	60 DAILY MX	19 - mg/L			
					Value NODI													
00610	Nitrogen, ammonia total (as N)	1 - Effluent Gross	1	--	Sample	=	0.29	=	0.5	26 - lb/d	=	0.5	=	0.7	19 - mg/L	01/07 - Weekly 01/07 - Weekly	CP - COMPOS CP - COMPOS	
					Permit Req.	<=	2.5 30DA AVG	<=	5 DAILY MX	26 - lb/d	<=	4 30DA AVG	<=	8 DAILY MX	19 - mg/L			
					Value NODI													
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	0.101	=	0.232	03 - MGD						99/99 - Continuous 99/99 - Continuous	CN - CONTIN CN - CONTIN	
					Permit Req.		Req Mon 30DA AVG		Req Mon INST MAX	03 - MGD								
					Value NODI													
50060	Chlorine, total residual	1 - Effluent Gross	0	--	Sample						<	0.01	<	0.01	19 - mg/L	01/01 - Daily 01/07 - Weekly	GR - GRAB GR - GRAB	
					Permit Req.						<=	.011 MO AVG	<=	.019 DAILY MX	19 - mg/L			
					Value NODI													
74055	Coliform, fecal general	1 - Effluent Gross	0	--	Sample						=	3	=	5	13 - #/100mL	01/07 - Weekly 01/07 - Weekly	GR - GRAB GR - GRAB	
					Permit Req.						<=	200 30DA GEO	<=	400 7 DA GEO	13 - #/100mL			
					Value NODI													
80082	BOD, carbonaceous, 05 day, 20 C	1 - Effluent Gross	0	--	Sample	=	4.1	=	4.7	26 - lb/d	=	7	=	7	19 - mg/L	01/07 - Weekly 01/07 - Weekly	CP - COMPOS CP - COMPOS	
					Permit Req.	<=	18.8 30DA AVG	<=	37.6 DAILY MX	26 - lb/d	<=	30 30DA AVG	<=	60 DAILY MX	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
Berrytown062013_MOR.pdf	pdf	24362
Berrytown062013_cover.pdf	pdf	17026

Report Last Saved By
BERRYTOWN WQTC MSD

User:	wrightd	Date/Time:	2013-07-24 12:45 (Time Zone: -04:00)
Name:	Duane Wright		
E-Mail:	duane.wright@louisvillemsd.org		

Berrytown		Report for		Jun-13		Tot. Exc.=		0						
Tot. Flow= Date	3.02701 Flow	Concentrations		Fecal		TSS		Pounds		NH3	Tot. Phos.	D.O.	p.H.	TRC
		TSS	BOD	NH3				BOD						
6/1/13	0.092											7.1	7.7	0.01
6/2/13	0.081	2	7	0.7			1.4	4.7	0.45	1.7		7.3	7.5	0.01
6/3/13	0.069					5						8.1	7.3	0.01
6/4/13	0.070											8.3	7.4	0.01
6/5/13	0.070											7.9	7.3	0.01
6/6/13	0.062											8	7.2	0.01
6/7/13	0.066											7.9	6.9	0.01
6/8/13	0.069											7.4	6.7	0.01
6/9/13	0.068	2	7	0.3			1.1	4.0	0.16	2.7		7.6	6.9	0.01
6/10/13	0.071					2						7.5	7.2	0.01
6/11/13	0.065											7.6	7.1	0.01
6/12/13	0.063											7.8	6.8	0.01
6/13/13	0.066											7.6	7	0.01
6/14/13	0.063											7.6	6.9	0.01
6/15/13	0.065											7.2	6.3	0.01
6/16/13	0.069	3	7	0.6			1.7	4.0	0.35	3.5		7	6.6	0.01
6/17/13	0.129					2						7.7	7.1	0.01
6/18/13	0.232											7.3	7.2	0.01
6/19/13	0.130											7.9	7.2	0.01
6/20/13	0.100											8.1	7.1	0.01
6/21/13	0.086											7.8	7	0.01
6/22/13	0.079											8.3	7.1	0.01
6/23/13	0.076	2	6	0.3			1.3	3.8	0.18	1.9		8	7	0.01
6/24/13	0.074					2						7.7	6.6	0.01
6/25/13	0.066											7.6	6.3	0.01
6/26/13	0.190											7.4	7	0.01
6/27/13	0.228												7.2	0.01
6/28/13	0.227											7.1	7.3	0.01
6/29/13	0.160											7.1	7	0.01
6/30/13	0.144											7.5	7.1	0.01
7/1/13														
Average	0.101	2	7	0.5	2.51	1	4.129	0.29	2.4	7.63	7	0.01		
Maximum	0.232	3	7	0.7	5.00	2	4.740	0.5	3.5	8.30	8	0.01		
Exceed.	14	0	0	0	0	0	0	0	0					