



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

November 12, 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 – October 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 October 2013.

Also attached are a bypass letter and overflow report.

There were no exceedences.

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 10.13

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 10/01/13 to 10/31/13	DMR Due Date:	01/28/14
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	=	6				=	8		12 - SU	01/01 - Daily	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	=	1.3	=	2.7	26 - lb/d	=	3	=	4	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	=	0.2	=	0.3	26 - lb/d	=	0.4	=	0.4	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	=	0.068	=	0.236	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	01/01 - Daily	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	=	3	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	=	3.1	=	3.5	26 - lb/d	=	8	=	10	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

Attachments		
Name	Type	Size
201310_Berrytown_OverflowReport.pdf	pdf	71739
BTOWN102013_MOR.pdf	pdf	24693
BTOWN102013_COVER.pdf	pdf	16994
B-TOWNbyps_1062013.pdf	pdf	20373

Report Last Saved By
BERRYTOWN WQTC MSD

User:	kevin.ries@louisvillemtd.org	Date/Time:	2013-11-22 14:09 (Time Zone: -05:00)
Name:	Kevin Ries		
E-Mail:	kevin.ries@louisvillemtd.org		

Berrytown		Report for		Oct-13		Tot. Exc.=		0					
Tot. Flow=	2.11595	Concentrations				Pounds							
Date	Flow	TSS	BOD	NH3	Fecal	TSS	BOD	NH3	Tot. Phos.	D.O.	p.H.	TRC	
10/1/13	0.042	3	8	0.34		1.047	2.792	0.119	2.72	8	6.4	0.01	
10/2/13	0.039				2					8.2	6.2	0.01	
10/3/13	0.046									7.8	6.3	0.01	
10/4/13	0.044									8.3	6.6	0.01	
10/5/13	0.104									8.6	6.5	0.01	
10/6/13	0.150										7.2	0.01	
10/7/13	0.236									7.1	7.3	0.01	
10/8/13	0.140									7.7	7.1	0.01	
10/9/13	0.098									8.2	7.4	0.01	
10/10/13	0.081	4	5	0.39		2.700	3.376	0.263	0.731	7.9	7.2	0.01	
10/11/13	0.069				2					8.1	7	0.01	
10/12/13	0.061									8	7.3	0.01	
10/13/13	0.061									8.2	7.5	0.01	
10/14/13	0.052									7.8	7.2	0.01	
10/15/13	0.050	2	7	0.39		0.829	2.900	0.162	1.3	9	6.9	0.01	
10/16/13	0.045				2					8.7	6.6	0.01	
10/17/13	0.049									8.5	6.4	0.01	
10/18/13	0.042									8.8	6.9	0.01	
10/19/13	0.050									8.4	6.7	0.01	
10/20/13	0.053									8.1	6.6	0.01	
10/21/13	0.045									8.5	6.9	0.01	
10/22/13	0.042	2	10	0.28		0.698	3.492	0.098	1.95	8.8	7.1	0.01	
10/23/13	0.042				3					8.6	6.8	0.01	
10/24/13	0.041									8.9	6.8	0.01	
10/25/13	0.042									8.5	6.6	0.01	
10/26/13	0.044									9	6.2	0.01	
10/27/13	0.045									9.4	6.6	0.01	
10/28/13	0.043									10	6.4	0.01	
10/29/13	0.037									9.7	6.5	0.01	
10/30/13	0.111									9.5	6.6	0.01	
10/31/13	0.112									9.9	6.8	0.01	
Average	0.068	3	8	0.4	2.21	1	3.140	0.16	1.7	8.54	7	0.01	
Maximum	0.236	4	10	0.4	3.00	3	3.492	0.3	2.7	10.00	8	0.01	
Exceed.	8	0	0	0	0	0	0	0					



Report Selections: Period: 10/01/2013 00:00 thru 10/31/2013 23:59, treatment Plant: MSD0209 BERRYTOWN, Excluding PPI Excluding CSO Excluding LAT, Result: WUS, Act Code: DISDW, DISREV

KPDES #	Facility ID	Water Quality Treatment Center	Receiving Stream of Treatment Center	Region
KY0036501	MSD0209	BERRYTOWN	FLOYDS FORK	CENT

Facility Type	Facility ID	Facility Address	If Pump Station, Name of Pump Station:	Receiving Stream	Discharge to
SPL Sewer Treatment Plant	MSD0209	1203 HEAFER RD		FLOYDS FORK	STREAM

Activity Code / Description	WO #	Ref No	Initiated	Initiated By	Assigned To	Disch Status	Event Date	Problem	Result	Completed	Condition
DISREV:RAIN EVENT DISCHARGE	2031258		10/6/13 11:50 am	GREEN	OPS BSHIFT CENTRAL	DOCUMENTED	02/02/2011	BYPASS AT WQTC	UNAUTHORIZED DISCHAGE - WATERS	10/07/13 07:40 AM	

Discharge Reporting:

Discharge Amount:	11,900 GAL
Cause:	LACK OF CAPACITY DUE TO RAIN EVENT
Clean Up:	MSD CLEANED & SANITIZED THE AREA
Control Zone:	TEMPORARY SIGNS POSTED
Impact:	NO IMPACT OBSERVED
Repair:	SITE FOUND DURING RAIN EVENT RECON- WILL MONITOR & EVALUATE FOR REPAIR
Public Notification:	TEMPORARY SIGNS POSTED AROUND AFFECTED AREA

Notifications:

10/6/13 1:00 pm	DISNOT	Email notification of unauthorized discharge sent to 'DischargeNotices@louisvillemad.org, eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.gov, Charlie.Roth@ky.gov'
10/6/13 1:00 pm	DISSNO	Supplemental Email notification of unauthorized discharge has been sent to 'DischargeNotices@louisvillemad.org, eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.gov, Charlie.Roth@ky.gov'

Total Facilities Printed: 1

Total Work Orders Printed: 1