

# 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](http://www.msdlouky.org)

December 15, 2011

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 – November 2011**

Dear Ms. Edwards:

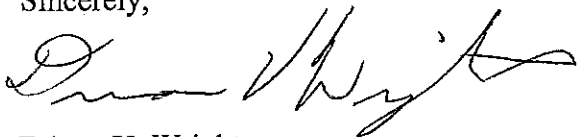
Attached are the Discharge Monitoring Reports (DMRs) and the Monthly Operating Report (MOR) for the Berrytown WQTC, KPDES No.: KY0036501 for the month of November 2011.

There was one exceedence for the month of November for TSS loading. The daily max was 39.2lbs. Our permit limit is 37.6 lbs daily max. We met the TSS concentration permit limit; however the plant flow on the date of sampling was high due to recent storm flow. Also note the effluent flow on our sample day was .294 mgd, which is four times the design flow of .075 mgd.

There were no bypass or overflow reports.

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 11.11

Enclosures

cc: C. Roth (DOW Louisville)  
T. Singleton  
R. Shaw



Beneficial Use of Louisville's Biosolids  
[www.louisvillegreen.com](http://www.louisvillegreen.com)

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)

NAME BERRYTOWN WQTC MGD  
 ADDRESS C/O CEDAR CREEK WQTC  
 8405 CEDAR CREEK RD  
 LOUISVILLE KY 40211

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)  
 DISCHARGE MONITORING REPORT (DMR)

KY0035501  
 PERMIT NUMBER

0012  
 DISCHARGE NUMBER

MINOR  
 (SUBR LV)  
 F - FINAL  
 SANITARY WASTEWATER  
 EFFLUENT

Form Approved.  
 OMB No. 2040-0004

JEFFE

FACILITY BERRYTOWN WQTC MGD  
 LOCATION LOUISVILLE KY 40222  
 ATTN: DENNIS THOMASSON, SR METRO OPS

MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY

\*\*\* NO DISCHARGE  \*\*\*

NOTE: Read Instructions before completing this form.

PARAMETER	SAMPLE MEASUREMENT	QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
OXYGEN, DISSOLVED (DO) 00300 1 0 0 EFFLUENT GROSS VALUE	*****	*****	*****	*****	7	*****	*****	*****	0	1/1	GR
PH	*****	*****	*****	*****	6.5	*****	7.3	*****	0	1/1	GR
SOLIDS, TOTAL SUSPENDED 00530 1 0 0 EFFLUENT GROSS VALUE	*****	11.2	39.3	*****	6	16	*****	*****	1	1/7	CP
NITROGEN, AMMONIA TOTAL (AS N) 00610 1 2 0 EFFLUENT GROSS VALUE	*****	0.56	1.1	*****	0.6	1	*****	*****	0	1/7	CP
FLOW, IN CONDUIT OR THRU TREATMENT PLANT 60050 1 0 0 EFFLUENT GROSS VALUE	*****	0.123	0.294	*****	*****	*****	*****	*****	0	1/7	CN
CHLORINE, TOTAL RESIDUAL 60060 1 0 1 EFFLUENT GROSS VALUE	*****	*****	*****	*****	20.010	20.010	*****	*****	0	1/1	GR
COLIFORM, FECAL GENERAL 74055 1 0 0 EFFLUENT GROSS VALUE	*****	*****	*****	*****	4	40	*****	*****	0	1/7	GR

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER  
 H. J. SCHARDEIN, JR.  
 EXEC. DIR.  
 TYPED OR PRINTED

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

*Deane V. Wright*  
 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE 502 540 6000  
 DATE 11 12 20  
 AREA CODE NUMBER YEAR MO DAY

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)  
 see COVER LETTER

JEFF

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)

NAME BERRYTOWN WQTC MSD  
ADDRESS C/O CEDAR CREEK WQTC  
8405 CEDAR CREEK RD  
LOUISVILLE KY 40211

FACILITY BERRYTOWN WQTC MSD

LOCATION LOUISVILLE KY 40222

ATTN: DENNIS THOMASSON, SR METRO OPS

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)  
DISCHARGE MONITORING REPORT (DMR)

KY0038501

PERMIT NUMBER

0012

DISCHARGE NUMBER

MINOR  
(SUBR LV)  
F - FINAL  
SANITARY WASTEWATER  
EFFLUENT

\*\*\* NO DISCHARGE [ ] \*\*\*

NOTE: Read Instructions before completing this form.

MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY

PARAMETER	X	QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
BOD, CARBONACEOUS 5 DAY, 20C BOOBR 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	5.6	14.7	LBS/DY	*****	4	6	MG/L	0	1/7	CP
	PERMIT REQUIREMENT	30DA AVG	DAILY MX	LBS/DY	*****	30	30	MG/L			
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
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	SAMPLE MEASUREMENT										
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*Dwaine V. Knight*

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE

502 540 6000

DATE

11 12 20

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

<b>Berrytown</b>	Report for	<b>Nov-11</b>	Tot. Exc.=			1 Violation			
Tot. Flow=	3.68568	Concentrations			Pounds				
Date	Flow	TSS	BOD	NH3	Fecal	TSS	BOD	NH3	Tot. Phos.
11/1/11	0.056	4	3	0.45		1.862	1.397	0.209	1.82
11/2/11	0.056				1				
11/3/11	0.231								
11/4/11	0.081								
11/5/11	0.069								
11/6/11	0.067								
11/7/11	0.054								
11/8/11	0.054	2	4	0.95		0.895	1.790	0.425	1.96
11/9/11	0.049				10				
11/10/11	0.058								
11/11/11	0.051								
11/12/11	0.055								
11/13/11	0.058								
11/14/11	0.051								
11/15/11	0.172	2	3	0.34		2.868	4.302	0.488	2.5
11/16/11	0.231				40				
11/17/11	0.142								
11/18/11	0.098								
11/19/11	0.082								
11/20/11	0.090								
11/21/11	0.189								
11/22/11	0.294	16	6	0.45		39.283	14.731	1.105	0.879
11/23/11	0.226				1				
11/24/11	0.151								
11/25/11	0.113								
11/26/11	0.097								
11/27/11	0.156								
11/28/11	0.205								
11/29/11	0.193								
11/30/11	0.257								
12/1/11									
Average	0.123	6.00	4.00	0.55	4.47	11.23	5.55	0.56	1.79
Maximum	0.294	16.00	6.00	0.95	40.00	39.28	14.73	1.10	2.50