



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)

November 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 – October 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 October 2011.

There were no exceedences, bypass or overflow reports.

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 10.11

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 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)

KY0036501  
PERMIT NUMBER

001 2  
DISCHARGE NUMBER

MINOR  
(SUBR LV)  
7 - FINAL

SANITARY WASTEWATER  
EFFLUENT

JEFFE

MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY

FROM

TO

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

NOTE: Read Instructions before completing this form.

PARAMETER	X	QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
OXYGEN, DISSOLVED (DO)		*****	*****		7	*****	*****	( 17 )		0 1/1	GR
00300 1 0 0 EFFLUENT GROSS VALUE		*****	*****	***	INST MIN	*****	*****	MG/L			
PH		*****	*****		6.0	*****	6.9	( 12 )		0 1/1	GR
00400 1 0 0 EFFLUENT GROSS VALUE		*****	*****	***	6.0 MINIMUM	*****	6.9 MAXIMUM	SU			
SOLIDS, TOTAL SUSPENDED		0.8	1.0	( 25 )	*****	2	2	( 17 )		0 1/7	CP
00530 1 0 0 EFFLUENT GROSS VALUE		18.8 30DA AVG	37.6 DAILY MX	LBS/DY	*****	30 30DA AVG	60 DAILY MX	MG/L			
NITROGEN, AMMONIA TOTAL (AS N)		0.18	0.19	( 25 )	*****	0.5	0.5	( 17 )		0 1/7	LP
00610 1 1 0 EFFLUENT GROSS VALUE		2.50 30DA AVG	5.00 DAILY MX	LBS/DY	*****	4 30DA AVG	8 DAILY MX	MG/L			
FLOW, IN CONDUIT OR THRU TREATMENT PLANT		0.057	0.125	( 03 )	*****	*****	*****	*****		0 CN	CN
50050 1 0 0 EFFLUENT GROSS VALUE		REPORT	REPORT		*****	*****	*****	***			
CHLORINE, TOTAL RESIDUAL		*****	*****		*****	<0.010	<0.010	( 17 )		0 1/1	GR
50060 1 0 1 EFFLUENT GROSS VALUE		*****	*****	***	*****	0.011 MG AVG	0.017 DAILY MX	MG/L			
COLIFORM, FECAL GENERAL		*****	*****		*****	1	1	( 13 )		0 1/7	GR
74055 1 0 0 EFFLUENT GROSS VALUE		*****	*****	***	*****	200 30DA GED	400 7 DA GED	100ML			

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.

*Dennis Thomasson, Sr.*  
SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE		DATE		
502	540 6000	11	11	21
AREA CODE	NUMBER	YEAR	MO	DAY

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

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

NAME BERRYTOWN WGTC MSD  
 ADDRESS C/O CEDAR CREEK WGTC  
 8405 CEDAR CREEK RD  
 LOUISVILLE KY 40211  
 FACILITY BERRYTOWN WGTC MSD  
 LOCATION LOUISVILLE KY 40222  
 ATTN: DENNIS THOMASSON, SR METRO OPS

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

KY0036501  
 PERMIT NUMBER

001 2  
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MINOR  
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F - FINAL  
 SANITARY WASTEWATER  
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JEFF

MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY
11	10	01				

FROM

TO

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

NOTE: Read Instructions before completing this form.

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	SAMPLE MEASUREMENT	2.1	2.3	( 26 )	*****	5	6	( 19 )	0	1/7	CP
BOD82 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	18.5 30DA AVG	37.6 DAILY MX	LB/DY	*****	30 30DA AVG	50 DAILY MX	MG/L			
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
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*Dwaine V. Wright*

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE

502 540 6000

AREA CODE NUMBER

DATE

11 11 21

YEAR MO DAY

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

Berrytown	Report for	Oct-11	Tot. Exc.= 0				Pounds			
Tot. Flow=	1.76821	Concentrations								
Date	Flow	TSS	BOD	NH3	Fecal	TSS	BOD	NH3	Tot. Phos.	
10/1/11	0.049									
10/2/11	0.053									
10/3/11	0.046	2	6	0.5	1	0.762	2.285	0.190	2.28	
10/4/11	0.049									
10/5/11	0.047									
10/6/11	0.048									
10/7/11	0.045									
10/8/11	0.049									
10/9/11	0.052									
10/10/11	0.050	2	5	0.45	1	0.826	2.065	0.186	2.39	
10/11/11	0.051									
10/12/11	0.049									
10/13/11	0.050									
10/14/11	0.052									
10/15/11	0.049									
10/16/11	0.050									
10/17/11	0.048	2	5	0.45	1	0.795	1.987	0.179	2.53	
10/18/11	0.048									
10/19/11	0.052									
10/20/11	0.078									
10/21/11	0.060									
10/22/11	0.062									
10/23/11	0.064									
10/24/11	0.057	2	4	0.39	1	0.947	1.894	0.185	2.15	
10/25/11	0.055									
10/26/11	0.059									
10/27/11	0.125									
10/28/11	0.086									
10/29/11	0.067									
10/30/11	0.065									
10/31/11	0.058									
Average	0.057	2.00	5.00	0.45	1.00	0.83	2.06	0.18	2.34	
Maximum	0.125	2.00	6.00	0.50	1.00	0.95	2.28	0.19	2.53	