



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)

September 19, 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 – August 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 August 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,

Duane V. Wright  
Process Supervisor Central Region

DVW/Berrytown 8.11

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)

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

Form Approved,  
OMB No. 2040-0004

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 DEP

KY0004501  
PERMIT NUMBER

001 2  
DISCHARGE NUMBER

MINOR  
(SUBV LV)  
F - FINAL  
SANITARY WASTEWATER  
EFFLUENT  
\*\*\* NO DISCHARGE 1 \*\*\*  
NOTE: Read Instructions before completing this form.

MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY
11	08	01		11	08	31

PARAMETER	SAMPLE MEASUREMENT / PERMIT REQUIREMENT	QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
OXYGEN, DISSOLVED (DD) 00300 1 0 0 EFFLUENT ODOSS VALUE	SAMPLE MEASUREMENT *****	*****	*****	*****	7	*****	*****	( 19 )	0	1/7 <sup>DUW</sup>	GR
	PERMIT REQUIREMENT *****	*****	*****	*****	INST MIN	*****	*****	MG/L		WEEKLY	GRAB
PH 00400 1 0 0 EFFLUENT ODOSS VALUE	SAMPLE MEASUREMENT *****	*****	*****	*****	6.0	*****	7.0	( 12 )	0	1/7 <sup>DUW</sup>	GR
	PERMIT REQUIREMENT *****	*****	*****	*****	6.0	*****	9.0	MINIMUM MAXIMUM		WEEKLY	GRAB
SOLIDS, TOTAL SUSPENDED 00500 1 0 0 EFFLUENT ODOSS VALUE	SAMPLE MEASUREMENT *****	0.9	1.0	( 26 )	*****	2	2	( 19 )	0	1/7	CP
	PERMIT REQUIREMENT *****	18.5	37.6	LBS/DY	*****	30	60	30DA AVG DAILY MX		WEEKLY	COMPOS
NITROGEN, AMMONIA TOTAL (AS N) 00610 1 1 0 EFFLUENT ODOSS VALUE	SAMPLE MEASUREMENT *****	0.23	0.27	( 26 )	*****	0.5	0.6	( 19 )	0	1/7	CP
	PERMIT REQUIREMENT *****	2.50	5.00	LBS/DY	*****	4	5	30DA AVG DAILY MX		WEEKLY	COMPOS
FLOW, IN CONDUIT OR THRU TREATMENT PLANT 50050 1 0 0 EFFLUENT ODOSS VALUE	SAMPLE MEASUREMENT *****	0.055	0.069	( 03 )	*****	*****	*****	*****	0	CN	CN
	PERMIT REQUIREMENT *****	REPORT	REPORT	MGD	*****	*****	*****	*****		CONTINUED IN	DUOS
CHLORINE, TOTAL RESIDUAL 50060 1 0 1 EFFLUENT ODOSS VALUE	SAMPLE MEASUREMENT *****	*****	*****	*****	*****	40.010	40.010	( 19 )	0	1/7 <sup>DUW</sup>	GR
	PERMIT REQUIREMENT *****	*****	*****	*****	*****	0.011	0.019	MG AVG DAILY MX		WEEKLY	GRAB
COLIFORM, FECAL GENERAL 74055 1 0 0 EFFLUENT ODOSS VALUE	SAMPLE MEASUREMENT *****	*****	*****	*****	*****	3	37	( 13 )	0	1/7	GR
	PERMIT REQUIREMENT *****	*****	*****	*****	*****	200	400	30DA GED 7 DA GED 100ML		WEEKLY	GRAB

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

TELEPHONE  
572 540 6000  
DATE  
11 9 23  
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)

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

Form Approved.  
OMB No. 2040-0004

NAME BERRYTOWN WQTC MSD  
ADDRESS C/O CEDAR CREEK WQTC  
8408 CEDAR CREEK RD  
LOUISVILLE KY 40211  
FACILITY BERRYTOWN WQTC MSD  
LOCATION LOUISVILLE KY 40222

PERMIT NUMBER 1400024201

DISCHARGE NUMBER 001 2

MINOR (SUBR LV)  
1 - FINAL

JEFFI

MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY
11	08	01		11	08	31

SANITARY WASTEWATER  
EFFLUENT

\*\*\* 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		1.5	1.8	( 26 )	*****	3	4	( 19 )	0	1/7	CP
BOD5 1 0 0		18.8	37.6		*****	30	60			WEEKLY	COMPOS

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

TELEPHONE 502 540 6000  
DATE 11 9 23  
AREA CODE NUMBER YEAR MO DAY

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

Berrytown		Report for	Aug-11			Tot. Exc.=		0		
Tot. Flow=	1.702		Concentrations				Pounds			
Date	Flow	TSS	BOD	NH3	Fecal	TSS	BOD	NH3	Tot. Phos.	
8/1/11	0.049	2	3	0.5	1	0.817	1.226	0.204	3.06	
8/2/11	0.045									
8/3/11	0.053									
8/4/11	0.054									
8/5/11	0.050									
8/6/11	0.055									
8/7/11	0.068									
8/8/11	0.061	2	3	0.5	37	1.017	1.526	0.254	2.84	
8/9/11	0.059									
8/10/11	0.059									
8/11/11	0.058									
8/12/11	0.058									
8/13/11	0.064									
8/14/11	0.063									
8/15/11	0.054	2	3	0.45	1	0.901	1.351	0.203	2.2	
8/16/11	0.069									
8/17/11	0.054									
8/18/11	0.056									
8/19/11	0.055									
8/20/11	0.058									
8/21/11	0.058									
8/22/11	0.053	2	4	0.62	2	0.884	1.768	0.274	2.02	
8/23/11	0.049									
8/24/11	0.054									
8/25/11	0.049									
8/26/11	0.048									
8/27/11	0.052									
8/28/11	0.055									
8/29/11	0.048									
8/30/11	0.049									
8/31/11	0.045									
Average	0.055	2.00	3.25	0.52	2.93	0.90	1.47	0.23	2.53	
Maximum	0.069	2.00	4.00	0.62	37.00	1.02	1.77	0.27	3.06	