



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

March 15, 2010

Ms. Carolena Bentley
Kentucky Division of Water
200 Fair Oaks Lane
Frankfort, Kentucky 40601

**Re: MSD Metro Operations
Berrytown WQTC; KPDES No.: KY0036501
Discharge Monitoring Reports – February 2010**

Dear Ms. Bentley:

Attached are the Discharge Monitoring Reports (DMRs) and the Monthly Operating Report (MOR) for the Berrytown WQTC, KPDES No.: KY0036501 for the month of February 2010.

There were no exceedences, bypasses 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 02.10

Enclosures

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



Beneficial Use of Louisville's Biosolids
www.louisvillegreen.com

NAME BERRYTOWN WQTC MSD
ADDRESS C/O CEDAR CREEK WQTC
8405 CEDAR CREEK RD
LOUISVILLE KY 40211
FACILITY BERRYTOWN WQTC MSD
LOCATION LOUISVILLE KY 40232
ATTN: DENNIS THOMASON, SR METRO OPS

KY0036501
PERMIT NUMBER

0012
DISCHARGE NUMBER

MINOR (SUBR LV)
F - FINAL JEFFE
SANITARY WASTEWATER EFFLUENT
*** NO DISCHARGE 1 1 ***
NOTE: Read instructions before completing this form.

MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY
10	02	01		10	02	28

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	PERMIT REQUIREMENT	*****	*****	*****	7	*****	*****	(19)	0	01/07	GR
PH	PERMIT REQUIREMENT	*****	*****	*****	6.9	*****	8.0	(12)	0	01/07	GR
SOLIDS, TOTAL SUSPENDED 00530 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	18.8 30DA AVG	37.6 DAILY MX	(26) LBS/DY	*****	30 30DA AVG	60 DAILY MX	(19) MG/L	0	01/07	CP
NITROGEN, AMMONIA TOTAL (AS N) 00610 1 2 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	5.26 30DA AVG	12.5 DAILY MX	(25) LBS/DY	*****	10 30DA AVG	20 DAILY MX	(19) MG/L	0	01/07	CP
FLOW, IN CONDUIT OR THRU TREATMENT PLANT 50050 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	REPORT 30DA AVG	REPORT INST MAX	(03) MGD	*****	*****	*****	*****	0	CN	CN
CHLORINE, TOTAL RESIDUAL 50060 1 0 1 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	*****	*****	0.011 MG AVG	0.019 DAILY MX	(19) MG/L	0	01/07	GR
COLIFORM, FECAL GENERAL 74055 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	*****	*****	200 30DA GEG	400 #/ 7 DA GEG	(13) 100ML	0	01/07	GR

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
H. J. SCHARDEIN, JR.
EXECUTIVE DIRECTOR
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.

Duane V. Wright
SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE 502 540 6000
DATE 10 03 16
AREA CODE NUMBER YEAR MO DAY

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

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 THOMASSEN, SR METRO OPS

KY0036501
PERMIT NUMBER

001 2
DISCHARGE NUMBER

MINOR
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F - FINAL
SANITARY WASTEWATER
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*** NO DISCHARGE () ***

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MONITORING PERIOD						
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PARAMETER	SAMPLE MEASUREMENT	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 80082 1 0 0 EFFLUENT GROSS VALUE	2.9	7.0	(26)	*****	3	5	(19)	0	01/07	CP	
	PERMIT REQUIREMENT	18.8 30DA AVG	37.5 DAILY MX	LBS/DY	*****	30 30DA AVG	50 DAILY MX	MG/L		WEEKLY COMPOS	
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
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Duane V. Knight
SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE DATE
502 540 6000 10 03 16
AREA CODE NUMBER YEAR MO DAY

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

Berrytown		Report for	Feb-10		Tot. Exc.=		0			
Tot. Flow=	3.142		Concentrations				Pounds			
Date	Flow	TSS	BOD	NH3	Fecal	TSS	BOD	NH3	Tot. Phos.	
2/1/10	0.077									
2/2/10	0.074	5	2	0.11	1	3.086	1.234	0.068		
2/3/10	0.072									
2/4/10	0.067									
2/5/10	0.172									
2/6/10	0.287									
2/7/10	0.176									
2/8/10	0.133									
2/9/10	0.067	1	2	0.11	2	0.559	1.118	0.061		
2/10/10	0.107									
2/11/10	0.093									
2/12/10	0.088									
2/13/10	0.085									
2/14/10	0.078									
2/15/10	0.076									
2/16/10	0.072	3	4	0.34	1	1.801	2.402	0.204		
2/17/10	0.071									
2/18/10	0.072									
2/19/10	0.09									
2/20/10	0.098									
2/21/10	0.184									
2/22/10	0.244									
2/23/10	0.168	7	5	0.39	3	9.808	7.006	0.546		
2/24/10	0.133									
2/25/10	0.107									
2/26/10	0.089									
2/27/10	0.081									
2/28/10	0.081									
Average	0.112	4.00	3.25	0.24	1.57	3.81	2.94	0.22	0.00	
Maximum	0.287	7.00	5.00	0.39	3.00	9.81	7.01	0.55	0.00	