



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

February 22, 2011

Ms. Crystal Thompson
Kentucky Division of Water
200 Fair Oaks Lane
Frankfort, Kentucky 40601

Re: MSD Metro Operations
Berrytown WQTC; KPDES No.: KY0036501
Discharge Monitoring Reports – January 2011

Dear Ms. Thompson:

Attached are the Discharge Monitoring Reports (DMRs) and the Monthly Operating Report (MOR) for the Berrytown WQTC, KPDES No.: KY0036501 for the month of January 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, reading "Duane V. Wright".

Duane V. Wright
Process Supervisor Central Region

DVW/Berrytown 1.11

Enclosures

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



Beneficial Use of Louisville's Biosolids
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 THOMASSEN, SR METRO OPS

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

PERMIT NUMBER

DISCHARGE NUMBER

MONITORING PERIOD					
YEAR	MO.	DAY	FROM	TO	YEAR

MINOR

(SUBR LV)

7 - FINAL

SANITARY WASTEWATER

EFFLUENT

*** NO DISCHARGE ***

Form Approved.
OMB No. 2040-0004

JEFF

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	7							0	%/07	GR
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT			INST MIN				MG/L			
PH	00400 1 0 0	7.1							0	%/07	GR
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT			MINIMUM				SU			
SOLIDS, TOTAL SUSPENDED	00500 1 0 0	3.4	7.5			5	6		0	%/07	CP
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	30DA AVG	DAILY MX	LBS/DY		30DA AVG	DAILY MX	MG/L			
NITROGEN, AMMONIA TOTAL (AS N)	00610 1 2 0	0.13	0.2			0.2	0.3		0	%/07	CP
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	30DA AVG	DAILY MX	LBS/DY		30DA AVG	DAILY MX	MG/L			
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	50050 1 0 0	0.063	0.188						0	CN	CN
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	30DA AVG	INST MAX	MGD						UGUS	
CHLORINE, TOTAL RESIDUAL	50060 1 0 1					20.010	20.010		0	%/07	GR
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT					MD AVG	DAILY MX	MG/L			
CALIFORNIA PEARL GENERAL	74055 1 0 0					1	2		0	%/07	GR
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT					30DA GED	7 DA GED	100ML			

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
H J SEHARDIN, 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.

Dwaine V. Knight
SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE
502 540 6000
DATE
11 2 28

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

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

NAME DERRYTOWN WQTC MSD
ADDRESS C/O CEDAR CREEK WQTC
6405 CEDAR CREEK RD
LOUISVILLE KY 40211

FACILITY DERRYTOWN WQTC MSD

LOCATION LOUISVILLE KY 40222

ATTN: DENNIS THOMASSON, SR METRO OPS

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

RY0032501
PERMIT NUMBER

001 2
DISCHARGE NUMBER

MONITORING PERIOD						
YEAR	MO.	DAY	TO	YEAR	MO.	DAY

FROM

TO

MINOR

(SUBR LV)

F - FINAL

SANITARY WASTEWATER

EFFLUENT

*** NO DISCHARGE ***

JEFF

Form Approved.
OMB No. 2040-0004

NOTE: Read Instructions before completing this form.

PARAMETER		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	2.4	3.7			4	5		0	%07	CP
SCOD 1 D.O	PERMIT REQUIREMENT	30DA AVG	DAILY MX	LBS/DY		30DA AVG	DAILY MX	MG/L			
EFFLUENT GROSS VALUE											
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
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	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

H.J. SCHARDEW, JR.

EXECUTIVE DIRECTOR

TYPED OR PRINTED

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SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE

DATE

302 540 6000

11 2 28

AREA CODE

NUMBER

YEAR

MO

DAY

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

Berrytown		Report for	Jan-11		Tot. Exc.=		0			
Tot. Flow=	1.947		Concentrations				Pounds			
Date	Flow	TSS	BOD	NH3	Fecal	TSS	BOD	NH3	Tot. Phos.	
1/1/11	0.188									
1/2/11	0.149	6	3	0.17	1	7.456	3.728	0.211	0.868	
1/3/11	0.098									
1/4/11	0.085									
1/5/11	0.069									
1/6/11	0.061									
1/7/11	0.05									
1/8/11	0.053									
1/9/11	0.047	6	5	0.28	2	2.352	1.960	0.110	1.4	
1/10/11	0.042									
1/11/11	0.042									
1/12/11	0.041									
1/13/11	0.041									
1/14/11	0.04									
1/15/11	0.042									
1/16/11	0.042									
1/17/11	0.045	4	4	0.28	2	1.501	1.501	0.105	1.83	
1/18/11	0.054									
1/19/11	0.071									
1/20/11	0.06									
1/21/11	0.061									
1/22/11	0.059									
1/23/11	0.055	5	5	0.22	1	2.294	2.294	0.101	1.65	
1/24/11	0.052									
1/25/11	0.055									
1/26/11	0.062									
1/27/11	0.06									
1/28/11	0.053									
1/29/11	0.06									
1/30/11	0.058									
1/31/11	0.052									
Average	0.063	5.25	4.25	0.24	1.41	3.40	2.37	0.13	1.44	
Maximum	0.188	6.00	5.00	0.28	2.00	7.46	3.73	0.21	1.83	