



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

August 13, 2012

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 – July 2012**

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 July 2012.

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 7.12

Enclosures

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



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

DISCHARGE MONITORING REPORT (DMR)

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

NAME: CEDAR CREEK WQTC
 ADDRESS: 8405 CEDAR CREEK RD
 LOUISVILLE, KY 40211
 FACILITY: BERRYTOWN WQTC MSD
 LOCATION: HEAFER RD
 LOUISVILLE, KY 40222

KY0036501
 PERMIT NUMBER

001-2
 DISCHARGE NUMBER

DMR Mailing ZIP CODE: 40211
 MINOR
 (SUBR LV) JEFFE
 SANITARY WASTEWATER
 External Outfall

MONITORING PERIOD	
MM/DD/YYYY	MM/DD/YYYY
07/01/2012	07/31/2012

FROM

TO

No Discharge

ATTN: DENNIS THOMASSON, SR METRO OPS

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS			
Oxygen, dissolved (DO) 00300 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****	*****	7	*****	*****		0	1/1	GR
	PERMIT REQUIREMENT	*****	*****	*****	7 INST MIN	*****	*****	mg/L		Weekly	GRAB
pH 00400 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****	*****	6	*****	7		0	1/1	GR
	PERMIT REQUIREMENT	*****	*****	*****	6 MINIMUM	*****	9 MAXIMUM	SU		Weekly	GRAB
Solids, total suspended 00530 1 0 Effluent Gross	SAMPLE MEASUREMENT	1.1	1.7		*****	3	4		0	1/1	CP
	PERMIT REQUIREMENT	18.8 30DA AVG	37.6 DAILY MX	lb/d	*****	30 30DA AVG	60 DAILY MX	mg/L		Weekly	COMPOS
Nitrogen, ammonia total (as N) 00610 1 1 Effluent Gross	SAMPLE MEASUREMENT	0.3	0.3		*****	0.6	0.7		0	1/1	CP
	PERMIT REQUIREMENT	2.5 30DA AVG	5 DAILY MX	lb/d	*****	4 30DA AVG	8 DAILY MX	mg/L		Weekly	COMPOS
Flow, in conduit or thru treatment plant 50050 1 0 Effluent Gross	SAMPLE MEASUREMENT	0.054	0.070		*****	*****	*****	*****	0	1/1	CN
	PERMIT REQUIREMENT	Req. Mon. 30DA AVG	Req. Mon. INST MAX	MGD	*****	*****	*****	*****		Continuous	CONTIN
Chlorine, total residual 50060 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****	*****	*****	LD.010	LD.010		0	1/1	GR
	PERMIT REQUIREMENT	*****	*****	*****	*****	.011 MO AVG	.019 DAILY MX	mg/L		Weekly	GRAB
Coliform, fecal general 74055 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****	*****	*****	2	3		0	1/1	GR
	PERMIT REQUIREMENT	*****	*****	*****	*****	200 30DA GEO	400 7 DA GEO	#/100mL		Weekly	GRAB

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER GREG C. HEITZMAN INTERIM 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.	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT <i>Greg C. Heitzman</i>	TELEPHONE		DATE
			AREA Code	NUMBER	MM/DD/YYYY

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

DISCHARGE MONITORING REPORT (DMR)

OMB No. 2040-0004

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

NAME: CEDAR CREEK WQTC
 ADDRESS: 8405 CEDAR CREEK RD
 LOUISVILLE, KY 40211
 FACILITY: BERRYTOWN WQTC MSD
 LOCATION: HEAFER RD
 LOUISVILLE, KY 40222

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FROM

TO

No Discharge

ATTN: DENNIS THOMASSON, SR METRO OPS

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS			
BOD, carbonaceous, 05 day, 20 C 80082 1 0 Effluent Gross	SAMPLE MEASUREMENT	3.3	4.1		*****	8	9		0	1/5	CP
	PERMIT REQUIREMENT	18.8 30DA AVG	37.6 DAILY MX	lb/d	*****	30 30DA AVG	60 DAILY MX	mg/L		Weekly	COMPOS

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER GREG C. HARTMAN INTERIM 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.	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT <i>Greg C. Hartman</i>	TELEPHONE	DATE
			AREA Code 502	NUMBER 5426000

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

Berrytown	Report for	Jul-12				Tot. Exc.=	0			
Tot. Flow=	1.65905	Concentrations				Pounds				
Date	Flow	TSS	BOD	NH3	Fecal	TSS	BOD	NH3	Tot. Phos.	
7/1/12	0.050	4	6	0.5		1.68	2.52	0.210	3.52	
7/2/12	0.051				2					
7/3/12	0.047									
7/4/12	0.055									
7/5/12	0.053									
7/6/12	0.044									
7/7/12	0.047									
7/8/12	0.052	2	7	0.67		0.87	3.03	0.290	4.14	
7/9/12	0.044				3					
7/10/12	0.047									
7/11/12	0.048									
7/12/12	0.056									
7/13/12	0.059									
7/14/12	0.059									
7/15/12	0.054	2	9	0.62		0.91	4.08	0.281	4.09	
7/16/12	0.058				2					
7/17/12	0.054									
7/18/12	0.063									
7/19/12	0.070									
7/20/12	0.064									
7/21/12	0.057									
7/22/12	0.052	2	8	0.73		0.86	3.44	0.314	3.31	
7/23/12	0.047				2					
7/24/12	0.048									
7/25/12	0.048									
7/26/12	0.051									
7/27/12	0.055									
7/28/12	0.067									
7/29/12	0.054									
7/30/12	0.052									
7/31/12	0.056									
Average	0.054	2.50	7.50	0.63	2.21	1.08	3.27	0.27	3.77	
Maximum	0.070	4.00	9.00	0.73	3.00	1.68	4.08	0.31	4.14	