



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

January 16, 2013

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 – December 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 December 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,

Duane V. Wright
Process Supervisor Central Region

DVW/Berrytown 12.12

Enclosures

cc: 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

KY0036501
PERMIT NUMBER

001-2
DISCHARGE NUMBER

DMR Mailing ZIP CODE: 40211

FACILITY: BERRYTOWN WQTC MSD
LOCATION: HEAFER RD
LOUISVILLE, KY 40222

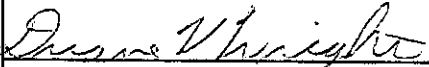
MINOR
(SUBR LV) JEFFE
SANITARY WASTEWATER
External Outfall

ATTN: DENNIS THOMASSON, SR METRO OPS

MONITORING PERIOD			
MM/DD/YYYY		MM/DD/YYYY	
12/01/2012	FROM	12/31/2012	TO

No Discharge

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS			
Oxygen, dissolved (DO)	SAMPLE MEASUREMENT	*****	*****	*****	8	*****	*****		0	1/1	GR
00300 1 0 Effluent Gross	PERMIT REQUIREMENT	*****	*****	*****	7 INST MIN	*****	*****	mg/L		Weekly	GRAB
pH	SAMPLE MEASUREMENT	*****	*****	*****	7	*****	8		0	1/1	GR
00400 1 0 Effluent Gross	PERMIT REQUIREMENT	*****	*****	*****	6 MINIMUM	*****	9 MAXIMUM	SU		Weekly	GRAB
Solids, total suspended	SAMPLE MEASUREMENT	7.7	14.5		*****	9	24		0	1/7	CP
00530 1 0 Effluent Gross	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)	SAMPLE MEASUREMENT	0.25	0.5		*****	0.2	0.3		0	1/7	CP
00610 1 2 Effluent Gross	PERMIT REQUIREMENT	6.26 30DA AVG	12.5 DAILY MX	lb/d	*****	10 30DA AVG	20 DAILY MX	mg/L		Weekly	COMPOS
Flow, in conduit or thru treatment plant	SAMPLE MEASUREMENT	0.160	0.364		*****	*****	*****	*****	0	CN	CN
50050 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. 30DA AVG	Req. Mon. INST MAX	MGD	*****	*****	*****	*****		Continuous	CONTIN
Chlorine, total residual	SAMPLE MEASUREMENT	*****	*****	*****	*****	<0.010	<0.010		0	1/1	GR
50060 1 0 Effluent Gross	PERMIT REQUIREMENT	*****	*****	*****	*****	.011 MO AVG	.019 DAILY MX	mg/L		Weekly	GRAB
Coliform, fecal general	SAMPLE MEASUREMENT	*****	*****	*****	*****	2	4		0	1/7	GR
74055 1 0 Effluent Gross	PERMIT REQUIREMENT	*****	*****	*****	*****	200 30DA GEO	400 7 DA GEO	#/100mL		Weekly	GRAB

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	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.	TELEPHONE	DATE
Greg Heitzman, Exec. Dir.			(502) 540-6000
TYPED OR PRINTED	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA Code	NUMBER
			MM/DD/YYYY

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

Parameter 00610 - Use Season 1 for summer months (May, June, July, August, September, and October) and Season 2 for winter months (November, December, January, February March, and April); enter NODI=9 for the Season not needed.

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

Form Approved
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
ATTN: DENNIS THOMASSON, SR METRO OPS

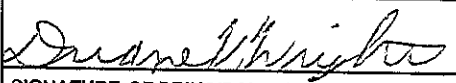
KY0036501	001-2
PERMIT NUMBER	DISCHARGE NUMBER

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

MONITORING PERIOD		
MM/DD/YYYY		MM/DD/YYYY
FROM 12/01/2012	TO	12/31/2012

No Discharge

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	SAMPLE MEASUREMENT	4.0	5.5		*****	4	7		0	1/7	CP
80082 1 0 Effluent Gross	PERMIT REQUIREMENT	18.8 30DA AVG	37.6 DAILY MX	lb/d	*****	30 30DA AVG	60 DAILY MX	mg/L		Weekly	COMPOS

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Greg Heitzman, Exec. Dir.			(502) 540-6000	1/17/2013
TYPED OR PRINTED			AREA Code	NUMBER
				MM/DD/YYYY

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)
Parameter 00610 - Use Season 1 for summer months (May, June, July, August, September, and October) and Season 2 for winter months (November, December, January, February March, and April); enter NODI=9 for the Season not needed.

Berrytown	Report for	Dec-12			Tot. Exc.=	0			
Tot. Flow=	4.9472	Concentrations			Pounds				
Date	Flow	TSS	BOD	NH3	Fecal	TSS	BOD	NH3	Tot. Phos.
12/1/12	0.065								
12/2/12	0.073	24	7	0.28		14.53	4.24	0.17	2.51
12/3/12	0.069				2				
12/4/12	0.081								
12/5/12	0.094								
12/6/12	0.078								
12/7/12	0.304								
12/8/12	0.364								
12/9/12	0.254								
12/10/12	0.256								
12/11/12	0.219	6	3	0.28		10.95	5.48	0.51	0.58
12/12/12	0.151				2				
12/13/12	0.121								
12/14/12	0.104								
12/15/12	0.103								
12/16/12	0.105	2	3	0.22		1.75	2.63	0.19	1.25
12/17/12	0.151				2				
12/18/12	0.144								
12/19/12	0.116								
12/20/12	0.203								
12/21/12	0.204								
12/22/12	0.148	3	3	0.11		3.71	3.71	0.14	1.06
12/23/12	0.120				4				
12/24/12	0.116								
12/25/12	0.104								
12/26/12	0.300								
12/27/12	0.260								
12/28/12	0.185								
12/29/12	0.173								
12/30/12	0.148								
12/31/12	0.135								
Average	0.160	8.75	4.00	0.22	2.38	7.73	4.01	0.25	1.35
Maximum	0.364	24.00	7.00	0.28	4.00	14.53	5.48	0.51	2.51