



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, DMR Coordinator
Kentucky Division of Water
200 Fair Oaks Lane, 4th Floor
Frankfort, Kentucky 40601

**Re: MSD Metro Operations
Lake Forest WQTC (aka Chenoweth Run WQTC)
KPDES No.: KY0042226
Discharge Monitoring Reports – February 2010**

Dear Ms. Bentley:

Attached is the Discharge Monitoring Reports (DMRs) and the Monthly Operating Report (MOR) for the Lake Forest WQTC (aka Chenoweth Run WQTC), KPDES No.: KY0042226 for the month of February 2010.

There were no exceedences, bypasses or overflow reports.

If you have any questions concerning the attached DMR's, 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/ Lake Forest 02.10

Enclosures

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



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

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

MINOR
(SUBR LV)
F - FINAL

JEFFE

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

NAME CHENOWETH RUN WQTC
ADDRESS C/O CEDAR CREEK WQTC
8405 CEDAR CREEK RD
LOUISVILLE KY 40211
FACILITY CHENOWETH RUN WQTC
LOCATION LOUISVILLE KY 40223
ATTN: DENNIS THOMASSEN, SR METRO OPS

KY0042224
PERMIT NUMBER

001 2
DISCHARGE NUMBER

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

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			
OXYGEN, DISSOLVED (DO)		*****	*****		9	*****	*****	(19)	0	%07	GR
00360 1 0 0		*****	*****	****	7	*****	*****			WEEKLY	GRAB
EFFLUENT GROSS VALUE		*****	*****	****	INST MIN			MG/L			
PH		*****	*****		7.0	*****	*****	(12)	0	%07	GR
00400 1 0 0		*****	*****	****	6.0	*****	9.0			WEEKLY	GRAB
EFFLUENT GROSS VALUE		*****	*****	****	MINIMUM		MAXIMUM	BU			
SOLIDS, TOTAL SUSPENDED		39	52	(26)	*****	13	17	(19)	0	%07	CP
00530 1 0 0		118	236		*****	30	60			WEEKLY	COMPOS
EFFLUENT GROSS VALUE		30DA AVG	DAILY MX	LBS/DY	*****	30DA AVG	DAILY MX	MG/L			
NITROGEN, AMMONIA TOTAL (AS N)		0.8	1.1	(26)	*****	0.3	0.3	(19)	0	%07	CP
00610 1 2 0		19.6	39.2		*****	5	10			WEEKLY	COMPOS
EFFLUENT GROSS VALUE		30DA AVG	DAILY MX	LBS/DY	*****	30DA AVG	DAILY MX	MG/L			
PHOSPHORUS, TOTAL (AS P)		*****	*****		*****	3.3	3.5	(19)	0	%07	CP
00665 1 0 0		*****	*****	****	*****	REPORT	REPORT			WEEKLY	COMPOS
EFFLUENT GROSS VALUE		*****	*****	****	*****	30DA AVG	DAILY MX	MG/L			
FLOW, IN CONDUIT OR THRU TREATMENT PLANT		0.391	0.697	(03)	*****	*****	*****		0	CN	CN
00050 1 0 0		REPORT	REPORT		*****	*****	*****	****		CONTIN	CONTIN
EFFLUENT GROSS VALUE		30DA AVG	INST MAX	MGD	*****	*****	*****	****		UOUS	
CHLORINE, TOTAL RESIDUAL		*****	*****		*****	20.010	20.010	(19)	0	%07	GR
00080 1 0 0		*****	*****	****	*****	0.011	0.019			WEEKLY	GRAB
EFFLUENT GROSS VALUE		*****	*****	****	*****	30DA AVG	DAILY MX	MG/L			

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. Knight
SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE 302 540 6000
DATE 10 03 16
AREA CODE NUMBER YEAR MO DAY

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

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

MINOR
(SUBR LV)
T - FINAL

JEFFE

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

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KY0042226
PERMIT NUMBER

0012
DISCHARGE NUMBER

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

FROM

TO

SANITARY WASTEWATER
EFFLUENT

*** NO DISCHARGE [] ***

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			
COLIFORM, FECAL GENERAL		*****	*****		*****	1	1	(13)		0 %	GR
74055 1 0 0	PERMIT REQUIREMENT	*****	*****	****	*****	200	400	#/			WEEKLY GRAB
EFFLUENT GROSS VALUE				****		30DA GEO	7 DA GEO	100ML			
BOD, CARBONACEOUS 05 DAY, 20C		23.7	32.3	(26)	*****	8	11	(19)		0 %	CP
B0082 1 0 0	PERMIT REQUIREMENT	37.2	78.4		*****	10	20				WEEKLY COMPOS
EFFLUENT GROSS VALUE		30DA AVG	DAILY MX	LBS/DY		30DA AVG	DAILY MX	MG/L			
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
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Dwaine 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)

LAKE FOREST		Report for	Feb-10		Tot. Exc.=					
Tot. Flow=	10.935		Concentrations				Pounds		Conc.	
Date	Flow	TSS	BOD	NH3	Fecal	TSS	BOD	NH3	T Phos	
2/1/10	0.326									
2/2/10	0.313	7	3	0.34	1	18.273	7.831	0.888	3.24	
2/3/10	0.32									
2/4/10	0.332									
2/5/10	0.515									
2/6/10	0.697									
2/7/10	0.472									
2/8/10	0.339									
2/9/10	0.378	11	8	0.056	1	34.678	25.220	0.177	2.94	
2/10/10	0.359									
2/11/10	0.333									
2/12/10	0.355									
2/13/10	0.357									
2/14/10	0.358									
2/15/10	0.333									
2/16/10	0.352	17	11	0.28	1	49.907	32.292	0.822	3.45	
2/17/10	0.341									
2/18/10	0.346									
2/19/10	0.364									
2/20/10	0.391									
2/21/10	0.647									
2/22/10	0.561									
2/23/10	0.391	16	9	0.34	1	52.175	29.348	1.109	3.42	
2/24/10	0.374									
2/25/10	0.355									
2/26/10	0.334									
2/27/10	0.333									
2/28/10	0.359									
Average	0.391	12.75	7.75	0.25	1.00	38.76	23.67	0.75	3.26	
Maximum	0.697	17.00	11.00	0.34	1.00	52.18	32.29	1.11	3.45	