



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

May 22, 2009

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

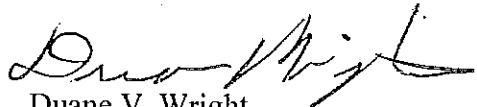
Re: MSD Metro Operations
Lake Forest WTP (aka Chenoweth Run WTP)
KPDES No.: KY0042226
Discharge Monitoring Reports – April 2008

Dear Ms. Bentley:

Attached is the Discharge Monitoring Reports (DMRs) and the Monthly Operating Report (MOR) for the Lake Forest WTP (aka Chenoweth Run WTP), KPDES No.: KY0042226 for the month of April 2009.

If you have any questions concerning the attached DMR's, please contact me at (502) 239-7574.

Sincerely,


Duane V. Wright
Process Supervisor Central Region

DVW/ Lake Forest 0409

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 LAKE FOREST MSD
 ADDRESS 070 CEDAR CREEK STP
 6000 CEDAR CREEK RD
 LOUISVILLE KY 40211
 FACILITY LAKE FOREST MSD
 LOCATION LOUISVILLE KY 40223
 ATRN JENNIS THOMASSEN SR METRO DPS

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

Form Approved.
 OMB No. 2040-0004

PERMIT NUMBER
 KY0042226

DISCHARGE NUMBER
 0012

MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY
97	07	01		97	07	30

MINOR
 (SUBP LV)
 F - FINAL
 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			
OXYGEN, DISSOLVED (DO)	9	*****	*****		9	*****	*****	MG/L		1/7	CR
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	***	INST MIN	*****	*****	MG/L			
PH	6.6	*****	*****		6.6	*****	6.5			1/7	CR
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	***	MINIMUM	*****	MAXIMUM	MG/L			
SOLIDS, TOTAL SUSPENDED	36	*****	38	MG/DY	*****	16	11	MG/L		1/7	CP
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	30DA AVG	DAILY MX	MG/DY	*****	30DA AVG	DAILY MX	MG/L			
NITROGEN, AMMONIA TOTAL (AS N)	3.4	*****	5.2	MG/DY	*****	1	2	MG/L		1/7	CP
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	30DA AVG	DAILY MX	MG/DY	*****	30DA AVG	DAILY MX	MG/L			
PHOSPHORUS, TOTAL (AS P)	3.5	*****	4.6	MG/DY	*****	3.5	4.6	MG/L		1/7	CP
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	***	*****	30DA AVG	DAILY MX	MG/L			
FLOW, TO CONDUIT OR THRU TREATMENT PLANT	0.449	*****	6.751	MGD	*****	*****	*****	MGD		1/7	CP
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	30DA AVG	INST MAX	MGD	*****	*****	*****	MGD			
CHLORINE, TOTAL RESIDUAL	<0.10	*****	*****		*****	<0.10	<0.10	MG/L		1/7	CR
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	***	*****	30DA AVG	DAILY MX	MG/L			

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
 J.D. S. ARDEN JR.
 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
 [Signature]

TELEPHONE
 502-591-1111
 DATE
 07 07 97

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

NAME LAKE FOREST MGD
ADDRESS 670 CEDAR CREEK STP
2402 CEDAR CREEK RD
LOUISVILLE KY 40211
FACILITY LAKE FOREST MGD
LOCATION LOUISVILLE KY 40220
ATTN: DENNIS THOMASSON, SR. METRO OPS

WYD0000000
PERMIT NUMBER

001 2
DISCHARGE NUMBER

MINOR
(SUBP LV)
F - FINAL
SANITARY WASTEWATER
EFFLUENT
*** NO DISCHARGE ***

MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY
07	07	01		07	07	01

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			
GENERAL EFFLUENT GROSS VALUE						1	1		0	1/07	GR
EFFLUENT GROSS VALUE						30DA SEC	7 DA SEC	100ML			
5 DAY 20C		14.9	22.1			5	7		0	1/07	CP
EFFLUENT GROSS VALUE						30DA AVG	DAILY MX	100ML			

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
H.J. SHARDEIN 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.

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE
DATE
AREA CODE NUMBER YEAR MO DAY

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

LAKE FOREST		Report for	Apr-09		Tot. Exc.=						
Tot. Flow=	13.475	Concentrations									
Date	Flow	TSS	BOD	NH3	Fecal	TSS	Pounds BOD	NH3	Conc. T Phos		
4/1/09	0.301										
4/2/09	0.334	11	4	0.45	1	30.641	11.142	1.254	4.57		
4/3/09	0.677										
4/4/09	0.517										
4/5/09	0.44										
4/6/09	0.45										
4/7/09	0.41										
4/8/09	0.376										
4/9/09	0.363	6	3	1.7	1	18.165	9.082	5.147	3.69		
4/10/09	0.444										
4/11/09	0.644										
4/12/09	0.507										
4/13/09	0.44										
4/14/09	0.56										
4/15/09	0.496										
4/16/09	0.41	11	5	0.9	1	37.613	17.097	3.077	3.61		
4/17/09	0.39										
4/18/09	0.392										
4/19/09	0.535										
4/20/09	0.781										
4/21/09	0.538										
4/22/09	0.427										
4/23/09	0.379	10	7	1.3	1	31.609	22.126	4.109	3.38		
4/24/09	0.38										
4/25/09	0.386										
4/26/09	0.398										
4/27/09	0.376										
4/28/09	0.392										
4/29/09	0.357										
4/30/09	0.375										
5/1/09											
Average	0.449	9.50	4.75	1.09	1.00	29.51	14.86	3.40	3.81		
Maximum	0.781	11.00	7.00	1.70	1.00	37.61	22.13	5.15	4.57		