



MSD

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

February 23, 2009

Ms. Carolena Bentley
DMR Coordinator
200 Fair Oaks Lane
Frankfort, Kentucky 40601

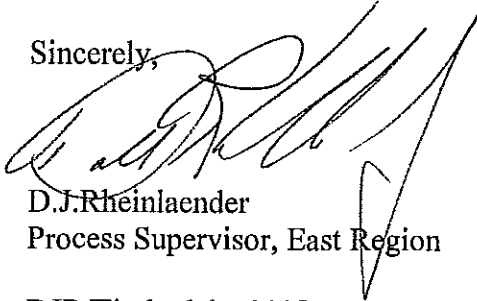
**Re: MSD Metro Operations
Timberlake WTP; KPDES No.: KY0043087
Discharge Monitoring Reports – February 2009**

Dear Ms. Bentley

Attached is the Discharge Monitoring Reports (DMRs) and the Monthly operator report (MOR) for the Timberlake WTP, KPDES No.: KY0043087 for the month of January 2009.

If you have any questions concerning the attached DMRs please contact me at (502)241-9093.

Sincerely,



D.J. Rheinlaender
Process Supervisor, East Region

DJR/Timberlake 0109

Enclosures

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



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

NAME MSD TIMBERLAKE STP
 ADDRESS C/O CEDAR CREEK STP
 8405 CEDAR CREEK RD
 LOUISVILLE KY 40211
 FACILITY MSD TIMBERLAKE STP
 LOCATION PROSPECT KY 40059
 ATTN DENNIS THOMASSEN, SR METRO OPS

KY0043087
 PERMIT NUMBER

001 2
 DISCHARGE NUMBER

MINOR (SUBR LV)
 F - FINAL
 MUNICIPAL DISCHARGE EFFLUENT
 *** NO DISCHARGE ***
 NOTE: Read Instructions before completing this form.

MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY
09	01	01		09	01	31

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	*****	*****		7.4	*****	*****	(19)		1/7	Point
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	INST MIN	*****	*****	MG/L		WEEKLY	GRAB
PH	00400 1 0 0	*****	*****		6.7	*****	*****	(12)		1/7	Point
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	MINIMUM	*****	MAXIMUM	SU		WEEKLY	GRAB
SOLIDS, TOTAL SUSPENDED	00530 0 0 0	*****	*****	(26)	*****	*****	*****	(19)		1/7	Point
RAW SEW/INFLUENT	PERMIT REQUIREMENT	REPORT	REPORT	LBS/DY	*****	REPORT	REPORT	MG/L		WEEKLY	COMPOS
SOLIDS, TOTAL SUSPENDED	00530 1 0 0	*****	*****	(26)	*****	*****	*****	(19)		1/7	Point
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	50.0	75.0	LBS/DY	*****	13 30	23 45	MG/L		WEEKLY	COMPOS
NITROGEN, AMMONIA TOTAL (AS N)	00610 0 0 0	*****	*****	(26)	*****	*****	*****	(19)		1/7	Point
RAW SEW/INFLUENT	PERMIT REQUIREMENT	REPORT	REPORT	LBS/DY	*****	REPORT	REPORT	MG/L		WEEKLY	COMPOS
NITROGEN, AMMONIA TOTAL (AS N)	00610 1 2 0	*****	*****	(26)	*****	*****	*****	(19)		1/7	Point
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	8	12	LBS/DY	*****	5	7.5	MG/L		WEEKLY	COMPOS
PHOSPHORUS, TOTAL (AS P)	00665 1 0 0	*****	*****		*****	*****	*****	(19)		1/7	Point
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT	REPORT	MG/L		WEEKLY	COMPOS

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
 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)

NAME: MGD TIMBERLAKE STP
ADDRESS: C/O CEDAR CREEK STP
8405 CEDAR CREEK RD
LOUISVILLE KY 40211
FACILITY: MGD TIMBERLAKE STP
LOCATION: PROSPECT KY 40059
ATTN: DENNIS THOMASSON, SR METRO OPS

KY0043087
PERMIT NUMBER

001 2
DISCHARGE NUMBER

MINOR (SUBR LV)
P - FINAL
MUNICIPAL DISCHARGE EFFLUENT
JEFFERSON

MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY
07	01	01		07	01	31

*** NO DISCHARGE ***
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PARAMETER	SAMPLE MEASUREMENT	QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	0.177	0.177	(C3)	*****	*****	*****					
50050 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	30DA AVG	DAILY MX	MGD	*****	*****	*****	***	***	CONTINUOUS	
CHLORINE, TOTAL RESIDUAL	*****	*****			*****	*****	(19)				
50060 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	***	*****	0.011	0.019	MG/L		WEEKLY	GRAB
COLIFORM, FECAL GENERAL	*****	*****			*****	1.00	1.00	(13)		WEEKLY	GRAB
74055 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	***	*****	200	400	100ML		WEEKLY	GRAB
BOD, CARBONACEOUS 05 DAY, 20C	109	156	(26)		*****	211	250	(19)		WEEKLY	COMPOSE
50082 0 0 0 RAW SEW/INFLUENT	PERMIT REQUIREMENT	MD AVG	MX WK AV	LBS/DY	*****	MD AVG	MX WK AV	MG/L		WEEKLY	COMPOSE
BOD, CARBONACEOUS 05 DAY, 20C	9	3	(26)		*****	2.5	4	(19)		WEEKLY	COMPOSE
50082 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	17	25	LBS/DY	*****	10	15	MG/L		WEEKLY	COMPOSE
BOD, CARB-5 DAY, 20 DEG C, PERCENT REMOVAL	*****	*****			98.2	*****	*****	(20)		ONCE / MONTH	CALCULATED
50091 0 0 0 PERCENT REMOVAL	PERMIT REQUIREMENT	*****	*****	***	85	*****	*****	PER-CENT		ONCE / MONTH	CALCULATED
SOLIDS, SUSPENDED PERCENT REMOVAL	*****	*****			95.2	*****	*****	(20)		ONCE / MONTH	CALCULATED
51011 0 0 0 PERCENT REMOVAL	PERMIT REQUIREMENT	*****	*****	***	85	*****	*****	PER-CENT		ONCE / MONTH	CALCULATED

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
TYPED OR PRINTED

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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)

Timberlake

data

Date	Flow	Concentration			Pounds		
		TSS	BOD	NH3	TSS	BOD	NH3
1/1/2001	0.069						
1/2/2001	0.082						
1/3/2001	0.091						
1/4/2001	0.087						
1/5/2001	0.075	226	250	26	141.363	156.375	16.263
1/6/2001	0.086						
1/7/2001	0.081						
1/8/2001	0.066						
1/9/2001	0.07						
1/10/2001	0.066						
1/11/2001	0.086						
1/12/2001	0.079	192	175	18	126.501	115.301	11.859
1/13/2001	0.073						
1/14/2001	0.073						
1/15/2001	0.058						
1/16/2001	0.07						
1/17/2001	0.13						
1/18/2001	0.086						
1/19/2001	0.07						
1/20/2001	0.067	418	193	19	233.570	107.845	10.617
1/21/2001	0.073						
1/22/2001	0.078						
1/23/2001	0.086						
1/24/2001	0.044						
1/25/2001	0.074	216	223	31	133.307	137.627	19.132
1/26/2001	0.064						
1/27/2001	0						
1/28/2001	0.081						
1/29/2001	0.074						
1/30/2001	0.077						
1/31/2001							
Average	0.074	263.00	210.25	23.50	158.69	129.29	14.47
Maximum	0.130	418.00	250.00	31.00	233.57	156.38	19.13

Timberlake

BOD Rem

0.984

0.977143

0.984456

0.986547

98%

0

0