



MSD

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

March 23, 2009

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

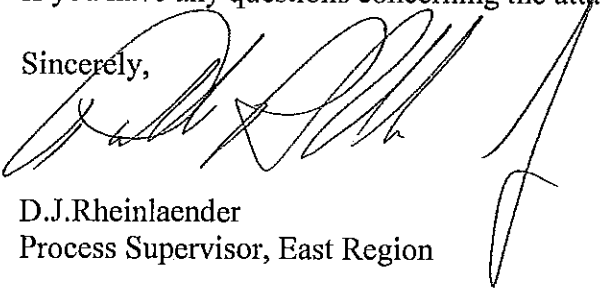
**Re: MSD Metro Operations
Timberlake WTP; KPDES No.: KY0043087
Discharge Monitoring Reports – February 2009**

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 February 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 0209

Enclosures

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



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

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

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

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

KY0043087

PERMIT NUMBER

001 2

DISCHARGE NUMBER

MINOR

(SUBR LV)

F - FINAL

JEFFE

MUNICIPAL DISCHARGE

EFFLUENT

*** NO DISCHARGE [] ***

NOTE: Read Instructions before completing this form.

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
OXYGEN, DISSOLVED (DO)	SAMPLE MEASUREMENT	*****	*****		74	*****	*****	(19)		1/7	Sub
00300 0 0	PERMIT REQUIREMENT	*****	*****	****	7	*****	*****	MG/L		WEEKLY	GRAB
EFFLUENT GROSS VALUE				****	INST MIN						
PH	SAMPLE MEASUREMENT	*****	*****		6.4	*****	*****	(12)		1/7	Sub
00400 0 0	PERMIT REQUIREMENT	*****	*****	****	6.0	*****	9.0	BU		WEEKLY	GRAB
EFFLUENT GROSS VALUE				****	MINIMUM		MAXIMUM				
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	165.0	253.0	(26)	*****	220.5	254.1	(19)		1/7	Sub
00500 0 0	PERMIT REQUIREMENT	REPORT	REPORT		*****	REPORT	REPORT	MG/L		WEEKLY	COMPOS
RAW SEW/INFLUENT		MO AVG	MX WK AV	LBS/DY		MO AVG	MX WK AV				
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	14.4	39.0	(26)	*****	15	31	(19)		1/7	Sub
00500 0 0	PERMIT REQUIREMENT	50.0	75.0		*****	30	45	MG/L		WEEKLY	COMPOS
EFFLUENT GROSS VALUE		MO AVG	MX WK AV	LBS/DY		MO AVG	MX WK AV				
NITROGEN, AMMONIA TOTAL (AS N)	SAMPLE MEASUREMENT	15.3	24.2	(26)	*****	21	25	(19)		1/7	Sub
00610 0 0	PERMIT REQUIREMENT	REPORT	REPORT		*****	REPORT	REPORT	MG/L		WEEKLY	COMPOS
RAW SEW/INFLUENT		MO AVG	MX WK AV	LBS/DY		MO AVG	MX WK AV				
NITROGEN, AMMONIA TOTAL (AS N)	SAMPLE MEASUREMENT	1	2	(26)	*****	0.50	1.50	(19)		1/7	Sub
00610 0 0	PERMIT REQUIREMENT	3	12		*****	5	7.5	MG/L		WEEKLY	COMPOS
EFFLUENT GROSS VALUE		MO AVG	MX WK AV	LBS/DY		MO AVG	MX WK AV				
PHOSPHORUS, TOTAL (AS P)	SAMPLE MEASUREMENT	*****	*****		*****	2	3	(19)		2/24	Comp
00665 0 0	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT	REPORT	MG/L		WICE/MONTH	COMPOS
EFFLUENT GROSS VALUE				****		MO AVG	MX WK AV				
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.				SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT		TELEPHONE		DATE		
TYPED OR PRINTED							AREA CODE	NUMBER	YEAR	MO	DAY

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

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

NAME MSD TIMBERLAKE STP
 ADDRESS C/O CEDAR CREEK STP
 8402 CEDAR CREEK RD
 LOUISVILLE KY 40211
 FACILITY MSD TIMBERLAKE STP
 LOCATION PROSPECT KY 40057
 ATTN: DENNIS THOMASSON, SR METRO OPS

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

KY0043087
 PERMIT NUMBER

001 2
 DISCHARGE NUMBER

MINOR
 (SUBR LV)
 F - FINAL
 MUNICIPAL DISCHARGE
 EFFLUENT
 *** NO DISCHARGE () ***

JEFFRE

MONITORING PERIOD					
YEAR	MO	DAY	YEAR	MO	DAY
07	02	01	07	02	28

FROM

TO

NOTE: Read Instructions before completing this form.

PARAMETER		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	SAMPLE MEASUREMENT	0.000	0.145	(03)	*****	*****	*****				
50050 1 0 0	PERMIT REQUIREMENT	REPORT	REPORT		*****	*****	*****	****		CONTIN	CONTIN
EFFLUENT GROSS VALUE		30DA AVG	DAILY MX	MGD				****		UOUS	
CHLORINE, TOTAL RESIDUAL	SAMPLE MEASUREMENT	*****	*****		*****	50.00	50.00	(19)		1/7	300
50060 1 0 0	PERMIT REQUIREMENT	*****	*****	****	*****	0.011	0.019			WEEKLY	GRAB
EFFLUENT GROSS VALUE				****		30DA AVG	DAILY MX	MG/L			
COLIFORM, FECAL GENERAL	SAMPLE MEASUREMENT	*****	*****		*****	1	1	(13)		1/7	Grab
74050 1 0 0	PERMIT REQUIREMENT	*****	*****	****	*****	200	400	#/		WEEKLY	GRAB
EFFLUENT GROSS VALUE				****		30DA GEO	7 DA GEO	100ML			
BOD, CARBONACEOUS 5 DAY, 20C	SAMPLE MEASUREMENT	136.3	224.0	(26)	*****	140	145	(19)		1/7	Grab
80082 0 0 0	PERMIT REQUIREMENT	REPORT	REPORT		*****	REPORT	REPORT			WEEKLY	COMPOS
RAW SEW/INFLUENT		MD AVG	MX WK AV	LBS/DY		MD AVG	MX WK AV	MG/L			
BOD, CARBONACEOUS 5 DAY, 20C	SAMPLE MEASUREMENT	2	4	(26)	*****	3	3	(19)		1/7	Grab
80082 1 0 0	PERMIT REQUIREMENT	17	25		*****	10	15			WEEKLY	COMPOS
EFFLUENT GROSS VALUE		MD AVG	MX WK AV	LBS/DY		MD AVG	MX WK AV	MG/L			
BOD, CARE-5 DAY, 20 DEG C, PERCENT REMVL	SAMPLE MEASUREMENT	*****	*****		98 %	*****	*****	(23)		1/98	Calcd
80091 0 0 0	PERMIT REQUIREMENT	*****	*****	****	85	*****	*****	PER-		ONCE/	CALCUL
PERCENT REMOVAL				****	MD MIN			CENT		MONTH	
SOLIDS, SUSPENDED PERCENT REMOVAL	SAMPLE MEASUREMENT	*****	*****		93 %	*****	*****	(23)		1/98	Calcd
81011 0 0 0	PERMIT REQUIREMENT	*****	*****	****	85	*****	*****	PER-		ONCE/	CALCUL
PERCENT REMOVAL				****	MD MIN			CENT		MONTH	
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.				SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT		TELEPHONE		DATE		
TYPED OR PRINTED							AREA CODE	NUMBER	YEAR	MO	DAY

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

Timberlake

data

Date	Flow	INFLUENT					
		Concentration			Pounds		
		TSS	BOD	NH3	TSS	BOD	NH3
2/1/2009	0.089						
2/2/2009	0.095						
2/3/2009	0.077						
2/4/2009	0.079	384	182	5	253.002	119.913	3.294
2/5/2009	0.079						
2/6/2009	0.086						
2/7/2009	0.125						
2/8/2009	0.104						
2/9/2009	0.105						
2/10/2009	0.114						
2/11/2009	0.145	148	185	15	178.976	223.721	18.140
2/12/2009	0.098						
2/13/2009	0.086						
2/14/2009	0.096						
2/15/2009	0.086						
2/16/2009	0.069						
2/17/2009	0.069						
2/18/2009	0.083	158	170	35	109.371	117.677	24.228
2/19/2009	0.07						
2/20/2009	0.062						
2/21/2009	0.085						
2/22/2009	0.074						
2/23/2009	0.059						
2/24/2009	0.061						
2/25/2009	0.074	192	136	25	118.495	83.934	15.429
2/26/2009	0.087						
2/27/2009	0.121						
2/28/2009	0.092						
3/1/2009	0						
3/2/2009	0						
3/3/2009							
Average	0.082	220.50	168.25	20.00	164.96	136.31	15.27
Maximum	0.145	384.00	185.00	35.00	253.00	223.72	24.23

Timberlake

BOD Rem

0.983516

0.983784

0.982353

0.977941

98%

0

0