



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

October 6, 2010

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

**Re: MSD Metro Operations
Timberlake WQTC; KPDES No.: KY0043087
Discharge Monitoring Reports –September 2010**

Dear Ms. Bentley

Attached are the Discharge Monitoring Reports (DMRs) and the Monthly Operator Report (MOR) for the Timberlake WQTC, KPDES No.: KY0043087 for the month of September 2010.

There are no exceedences, overflow reports or bypass reports for this month.

If you have any questions concerning the attached DMRs please contact me at (502)587-5856.

Sincerely,

A handwritten signature in cursive script that reads "Richard W. Mills".

Richard W. Mills
Process Supervisor, East Region

RWM/Timberlake 0910

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 **TIMBERLAKE WQTC MSD**
 ADDRESS **C/O CEDAR CREEK WQTC**
8405 CEDAR CREEK RD
LOUISVILLE KY 40211
 FACILITY **TIMBERLAKE WQTC MSD**
 LOCATION **PROSPECT KY 40059**
 ATTN **DENNIS THOMASSON, SR METRO OPS**

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

KYD043087	0012
PERMIT NUMBER	DISCHARGE NUMBER

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

JEFFE

MONITORING PERIOD						
YEAR	MO.	DAY	TO	YEAR	MO.	DAY.

FROM

TO

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			
FLOW, IN CONDUIT OR THRU TREATMENT PLANT		0.055	0.065	(G3)	*****	*****	*****	*****	Ø	CN	CN
50050 1 0 0 EFFLUENT GROSS VALUE		REPORT	REPORT	MOD	*****	*****	*****	*****			
CHLORINE, TOTAL RESIDUAL		*****	*****	*****	*****	40.010	40.010	(17)	Ø	7/30	GR
50060 1 0 0 EFFLUENT GROSS VALUE		*****	*****	*****	*****	30DA AVG	DAILY MX	MG/L			
COLIFORM, FECAL GENERAL		*****	*****	*****	*****	2	3	(15)	Ø	1/7	GR
74055 1 0 0 EFFLUENT GROSS VALUE		*****	*****	*****	*****	30DA GEB	7 DA GEB	100ML			
BOD, CARBONACEOUS 5 DAY, 20C		354	502	(25)	*****	784	1180	(27)	Ø	1/7	CP
80062 0 0 0 RAW SEW/INFLUENT		REPORT	REPORT	LBS/DY	*****	REPORT	REPORT	MG/L			
80062 1 0 0 EFFLUENT GROSS VALUE		MD AVG	MX WK AV	LBS/DY	*****	MD AVG	MX WK AV	MG/L			
BOD, CARBONACEOUS 5 DAY, 20C		2	2	(25)	*****	4	5	(27)	Ø	1/7	CP
80062 1 0 0 EFFLUENT GROSS VALUE		MD AVG	MX WK AV	LBS/DY	*****	MD AVG	MX WK AV	MG/L			
BOD, CARB-5 DAY, 20 DEG C, PERCENT REMVL		*****	*****	*****	*****	99	*****	(25)	Ø	1/30	CA
80091 0 0 0 PERCENT REMOVAL		*****	*****	*****	*****	NO MIN	*****	PER-CENT			
SOLIDS, SUSPENDED PERCENT REMOVAL		*****	*****	*****	*****	99	*****	(25)	Ø	1/30	CA
81011 0 0 0 PERCENT REMOVAL		*****	*****	*****	*****	NO MIN	*****	PER-CENT			

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
 H.J. Scherlein Jr
 Exec. 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.

Richard Mills
 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE		DATE		
512	540-6000	10	10	6
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 **TIMBERLAKE WQTC MSD**
 ADDRESS **C/O CEDAR CREEK WQTC**
8408 CEDAR CREEK RD
LOUISVILLE KY 40211
 FACILITY **TIMBERLAKE WQTC MSD**
 LOCATION **PROSPECT KY 40057**
 ATTN: **DENNIS THOMASSON, SR METRO OPS**

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

AY000400E / 001 2
PERMIT NUMBER / **DISCHARGE NUMBER**

MINOR (SUBS LV)
 F - FINAL
 MUNICIPAL DISCHARGE EFFLUENT
 *** NO DISCHARGE 1/1 ***

JEFFE

MONITORING PERIOD						
YEAR	MO.	DAY	TO	YEAR	MO.	DAY

FROM TO

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) 00300 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		7					7/30	GR
	PERMIT REQUIREMENT	*****	*****	****	INST. MIN			MG/L			
PH 00400 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		6.7		7.3			7/30	GR
	PERMIT REQUIREMENT	*****	*****	****	MINIMUM		MAXIMUM	SU			
SOLIDS, TOTAL SUSPENDED 00500 8 0 0 RAW SEW/INFLUENT	SAMPLE MEASUREMENT	419	752	(LB)		929	1640			1/7	CP
	PERMIT REQUIREMENT	REPORT	REPORT	LBS/DY		REPORT	REPORT	MG/L			
		MO AVG	MX WK AV			MO AVG	MX WK AV				
SOLIDS, TOTAL SUSPENDED 00500 8 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	5.3	6.4	(LB)		12	15			1/7	CP
	PERMIT REQUIREMENT	50.0	75.0			30		MG/L			
		MO AVG	MX WK AV			MO AVG	MX WK AV				
NITROGEN, AMMONIA TOTAL (AS N) 00610 8 0 0 RAW SEW/INFLUENT	SAMPLE MEASUREMENT	17	19	(LB)		37	38			1/7	CP
	PERMIT REQUIREMENT	REPORT	REPORT	LBS/DY		REPORT	REPORT	MG/L			
		MO AVG	MX WK AV			MO AVG	MX WK AV				
NITROGEN, AMMONIA TOTAL (AS N) 00610 1 1 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	0.3	0.5	(LB)		0.6	1			1/7	CP
	PERMIT REQUIREMENT	REPORT	REPORT	LBS/DY		REPORT	REPORT	MG/L			
		MO AVG	MX WK AV			MO AVG	MX WK AV				
PHOSPHORUS, TOTAL (AS P) 00685 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT					0.47	0.57			5/30	CP
	PERMIT REQUIREMENT	*****	*****	****		REPORT	REPORT	MG/L		MONTH	
		*****	*****	****		MO AVG	MX WK AV				

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
 H. J. Schardain, Jr.
 Exec. 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.

Richard A. Mills
 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE: 502.540.6000
 DATE: 10 10 6
 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
9/1/2010	0.055	1640	999	38	752.268	458.241	17.431
9/2/2010	0.061						
9/3/2010	0.056						
9/4/2010	0.058						
9/5/2010	0.053						
9/6/2010	0.061						
9/7/2010	0.053						
9/8/2010	0.051	1340	1180	37	569.956	501.901	15.738
9/9/2010	0.049						
9/10/2010	0.059						
9/11/2010	0.065						
9/12/2010	0.056						
9/13/2010	0.05						
9/14/2010	0.052						
9/15/2010	0.056	276	493	34	128.903	230.251	15.879
9/16/2010	0.056						
9/17/2010	0.054						
9/18/2010	0.055						
9/19/2010	0.064						
9/20/2010	0.058						
9/21/2010	0.055						
9/22/2010	0.059	460	462	38	226.348	227.332	18.698
9/23/2010	0.053						
9/24/2010	0.056						
9/25/2010	0.054						
9/26/2010	0.056						
9/27/2010	0.058						
9/28/2010	0.053						
9/29/2010	0.037						
9/30/2010	0.051						
10/1/2010							
Average	0.055	929.00	783.50	36.75	419.37	354.43	16.94
Maximum	0.065	1640.00	1180.00	38.00	752.27	501.90	18.70

