

# MSD

Metropolitan Sewer District

Louisville and Jefferson County Metropolitan Sewer District  
700 West Liberty Street  
Louisville Kentucky 40203-1911  
502-540-6000  
[www.msdlouky.org](http://www.msdlouky.org)

September 22, 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 – August 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 August 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,



Richard W. Mills  
Process Supervisor, East Region

RWM/Timberlake 0810

Enclosures

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



*Beneficial Use of Louisville's Biosolids*  
[www.louisvillegreen.com](http://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)

**KY0043087**  
**PERMIT NUMBER**

**001 E**  
**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	SAMPLE MEASUREMENT	0.065	0.141	( C3 )	*****	*****	*****		0	CN	CN
50050 1 0 0	PERMIT REQUIREMENT	REPORT	REPORT		*****	*****	*****	***		CONTINUOUS	CONTINUOUS
EFFLUENT GROSS VALUE		30DA AVG	DAILY MX	MGD				****			
CHLORINE, TOTAL RESIDUAL	SAMPLE MEASUREMENT	*****	*****		*****	<0.010	<0.010	( 19 )	0	1/05	GR
50060 1 0 0	PERMIT REQUIREMENT	*****	*****	***	*****	0.011	0.017			WEEKLY	GR
EFFLUENT GROSS VALUE				***		30DA AVG	DAILY MX	MG/L			
COLIFORM, FECAL GENERAL	SAMPLE MEASUREMENT	*****	*****		*****	4	17	( 13 )	0	1/07	GR
74055 1 0 0	PERMIT REQUIREMENT	*****	*****	***	*****	200	400	CF/100ML		WEEKLY	GR
EFFLUENT GROSS VALUE				***		30DA GED	7 DA GED	100ML			
BOD, CARBONACEOUS 5 DAY, 20C	SAMPLE MEASUREMENT	218	267.1	( 26 )	*****	434	542	( 17 )	0	1/05	CP
30082 0 0 0	PERMIT REQUIREMENT	REPORT	REPORT		*****	REPORT	REPORT			WEEKLY	UNPLD
RAW SEW/INFLUENT		MO AVG	MX WK AV	LBS/DY		MO AVG	MX WK AV	MG/L			
BOD, CARBONACEOUS 5 DAY, 20C	SAMPLE MEASUREMENT	1	2	( 28 )	*****	3	4	( 19 )	0	1/07	CP
30082 1 0 0	PERMIT REQUIREMENT	17	25		*****	10	15			WEEKLY	UNPLD
EFFLUENT GROSS VALUE		MO AVG	MX WK AV	LBS/DY		MO AVG	MX WK AV	MG/L			
BOD, CARB-5 DAY, 20 DEG C, PERCENT REMOVAL	SAMPLE MEASUREMENT	*****	*****		99%	*****	*****	( 23 )	0	1/31	CAL
30091 K 0 0	PERMIT REQUIREMENT	*****	*****	***	65	*****	*****			ONCE/MONTH	CALCUL
PERCENT REMOVAL				***	MO MIN			PER-CENT			
SOLIDS, SUSPENDED PERCENT REMOVAL	SAMPLE MEASUREMENT	*****	*****		98%	*****	*****	( 23 )	0	1/31	CAL
31011 K 0 0	PERMIT REQUIREMENT	*****	*****	***	65	*****	*****			ONCE/MONTH	CALCUL
PERCENT REMOVAL				***	MO MIN			PER-CENT			

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER  
 Exec Dir  
 H.J. Schardin 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.

*Richard W. Mills*  
 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE  
 502 540-6000  
 DATE  
 10 09 22  
 AREA CODE NUMBER YEAR MO DAY

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

NAME **TIMERLAKE 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)

<b>KY0043087</b>	<b>001 2</b>
<b>PERMIT NUMBER</b>	<b>DISCHARGE NUMBER</b>

  

MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY
10	05	01		10	05	01

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

JEFFE

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) 00300 1 0 0 EFFLUENT GROSS VALUE	*****	*****	*****		7	*****	*****	( 17 )	0	01/07	GR
PH	*****	*****	*****		7.0	*****	7.2	( 12 )	0	01/07	GR
00400 1 0 0 EFFLUENT GROSS VALUE	*****	*****	*****		6.0	*****	7.0			WEEKLY	GRAB
00500 0 0 0 RAW SEW/INFLUENT	REPORT MO AVG	REPORT MX WK AV	LBS/DY		MINIMUM		MAXIMUM	50		WEEKLY	GRAB
SOLIDS, TOTAL SUSPENDED 00500 0 0 0 RAW SEW/INFLUENT	360	787	( 25 )		*****	726	1600	( 17 )	0	01/07	LP
SOLIDS, TOTAL SUSPENDED 00500 1 0 0 EFFLUENT GROSS VALUE	6.1	<del>10.0</del> 10.1	( 25 )		*****	12	18	( 17 )	0	01/07	LP
NITROGEN, AMMONIA TOTAL (AS N) 00610 0 0 0 RAW SEW/INFLUENT	18	20	( 25 )		*****	36	41	( 17 )	0	01/07	LP
NITROGEN, AMMONIA TOTAL (AS N) 00610 1 1 0 EFFLUENT GROSS VALUE	0.2	0.5	( 25 )		*****	0.5	<del>1.0</del> 1	( 17 )	0	01/07	LP
PHOSPHORUS, TOTAL (AS P) 00665 1 0 0 EFFLUENT GROSS VALUE	*****	*****	*****		*****	0.5	0.6	( 17 )	0	01/07	LP

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER  
 Exec Dir  
 H. J. Schaefer, Jr  
 TYPED OR PRINTED

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*Richard W. Mills*  
 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE	DATE		
508 546-6000	10	07	22
AREA CODE NUMBER	YEAR	MO	DAY

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



Timberlake

T. Phos            0            0

data  
data  
data  
data

**INFLUENT**

Date	Flow	Concentration			Pounds		
		TSS	BOD	NH3	TSS	BOD	NH3
8/1/2010	0.05						
8/2/2010	0.058	318	337	38	153.823	163.014	18.381
8/3/2010	0.062						
8/4/2010	0.057						
8/5/2010	0.063						
8/6/2010	0.054						
8/7/2010	0.054						
8/8/2010	0.06						
8/9/2010	0.067	428	445	30	239.158	248.657	16.763
8/10/2010	0.063						
8/11/2010	0.101						
8/12/2010	0.086						
8/13/2010	0.079						
8/14/2010	0.141						
8/15/2010	0.09						
8/16/2010	0.062						
8/17/2010	0.052						
8/18/2010	0.056	556	413	33	259.674	192.888	15.412
8/19/2010	0.052						
8/20/2010	0.048						
8/21/2010	0.087						
8/22/2010	0.067						
8/23/2010	0.059	1600	542	41	787.296	266.697	20.174
8/24/2010	0.055						
8/25/2010	0.055						
8/26/2010	0.053						
8/27/2010	0.046						
8/28/2010	0.061						
8/29/2010	0.063						
8/30/2010	0.063						
8/31/2010	0.054						
Average	0.065	725.50	434.25	35.50	359.99	217.81	17.68
Maximum	0.141	1600.00	542.00	41.00	787.30	266.70	20.17