



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)

April 20, 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 – March 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 March 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,

D.J. Rheinlaender  
Process Supervisor, East Region

DJR/Timberlake 0310

Enclosures

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



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

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

MINOR  
SUBP LVI  
F - FINAL  
MUNICIPAL DISCHARGE  
EFFLUENT  
\*\*\* NO DISCHARGE \*\*\*

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

NAME  
ADDRESS  
FACILITY  
LOCATION

PERMIT NUMBER  
DISCHARGE NUMBER

MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY
10	03	01	TO	10	03	31

FROM

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)	*****	*****	*****	*****	4	*****	*****	( 19 )	0	3/31	GR
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	*****	INST MIN	*****	*****	MG/L		WEEKLY	GRAB
PH	*****	*****	*****	*****	7.1	*****	*****	( 12 )	0	3/31	GR
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	*****	MINIMUM	*****	MAXIMUM	ML		WEEKLY	GRAB
SOLIDS, TOTAL SUSPENDED	*****	*****	*****	*****	161	*****	*****	( 19 )	0	4/7	CP
RAW SEWAGE EFFLUENT	PERMIT REQUIREMENT	REPORT	REPORT	*****	MO AVG	MX WK AV	MO AVG	MG/L		WEEKLY	COMPOS
SOLIDS, TOTAL SUSPENDED	*****	*****	*****	*****	7.4	*****	*****	( 19 )	0	4/7	CP
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	50.0	75.0	*****	MO AVG	MX WK AV	MO AVG	MG/L		WEEKLY	COMPOS
NITROGEN, AMMONIA TOTAL (AS N)	*****	*****	*****	*****	14	*****	*****	( 19 )	0	4/7	CP
RAW SEWAGE EFFLUENT	PERMIT REQUIREMENT	REPORT	REPORT	*****	MO AVG	MX WK AV	MO AVG	MG/L		WEEKLY	COMPOS
NITROGEN, AMMONIA TOTAL (AS N)	*****	*****	*****	*****	0.1	*****	*****	( 19 )	0	4/7	CP
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	5	12	*****	MO AVG	MX WK AV	MO AVG	MG/L		WEEKLY	COMPOS
PHOSPHORUS, TOTAL (AS P)	*****	*****	*****	*****	0.65	*****	*****	( 19 )	0	4/7	CP
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	*****	MO AVG	MX WK AV	MO AVG	MG/L		WEEKLY	COMPOS

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER <i>Exec. Dir</i>	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 <i>[Signature]</i>	TELEPHONE	DATE	
			AREA CODE	NUMBER	YEAR

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

NAME 1 PROPLAKE WGTG MSD  
ADDRESS 670 CEDAR CREEK WGTG  
6409 CEDAR CREEK RD  
LOUISVILLE KY 40211  
FACILITY 1 PROPLAKE WGTG MSD  
LOCATION PROSPECT KY 40059  
ATTN: DERRIN THOMASSEN, SR METRO OPS

PERMIT NUMBER

DISCHARGE NUMBER

MINOR  
150000 L/D  
P - FINAL  
MUNICIPAL DISCHARGE  
EFFLUENT  
NO DISCHARGE

MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY
10	03	01		10	03	31

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			
FLOW IN CONDUIT OR THRU TREATMENT PLANT	6.065	6.087	( GPD)	*****	*****	*****					
EFFLUENT GROSS VALUE	REPORT	REPORT	( GPD)	*****	*****	*****					
CHLORINE TOTAL RESIDUAL	*****	*****	( LB/DAY)	*****	*****	*****					
EFFLUENT GROSS VALUE	*****	*****	( LB/DAY)	*****	*****	*****					
GENERAL EFFLUENT GROSS VALUE	*****	*****	( LB/DAY)	*****	*****	*****					
AMMONIACAL NITROGEN	167	213	( LB/DAY)	*****	*****	*****					
RAW SEW/INFLUENT	REPORT	REPORT	( LB/DAY)	*****	*****	*****					
AMMONIACAL NITROGEN	3	3	( LB/DAY)	*****	*****	*****					
EFFLUENT GROSS VALUE	17	25	( LB/DAY)	*****	*****	*****					
AMMONIACAL NITROGEN	*****	*****	( LB/DAY)	*****	*****	*****					
PERCENT REMOVAL	*****	*****	( PERCENT)	*****	*****	*****					
PERCENT REMOVAL	*****	*****	( PERCENT)	*****	*****	*****					

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER  
DERRIN THOMASSEN, SR  
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)

Timberlake

data

Date	Flow	INFLUENT Concentration			Pounds		
		TSS	BOD	NH3	TSS	BOD	NH3
3/1/2010	0.076						
3/2/2010	0.07						
3/3/2010	0.072	104	226	23.52	62.450	135.708	14.123
3/4/2010	0.059						
3/5/2010	0.059						
3/6/2010	0.066						
3/7/2010	0.07						
3/8/2010	0.061						
3/9/2010	0.065						
3/10/2010	0.056						
3/11/2010	0.065	298	279	23.18	161.546	151.246	12.566
3/12/2010	0.07						
3/13/2010	0.07						
3/14/2010	0.065						
3/15/2010	0.069						
3/16/2010	0.063						
3/17/2010	0.068	170	294	20.27	96.410	166.733	11.496
3/18/2010	0.061						
3/19/2010	0.073						
3/20/2010	0.061						
3/21/2010	0.08						
3/22/2010	0.077						
3/23/2010	0.059						
3/24/2010	0.062	162	412	22.06	83.767	213.037	11.407
3/25/2010	0.078						
3/26/2010	0.069						
3/27/2010	0.073						
3/28/2010	0.087						
3/29/2010	0.079						
3/30/2010	0.068						
3/31/2010	0.07						
Average	0.068	183.50	302.75	22.26	101.04	166.68	12.40
Maximum	0.087	298.00	412.00	23.52	161.55	213.04	14.12

