



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

March 21, 2012

Cheryl Edwards
DMR Coordinator
200 Fair Oaks Lane
Frankfort, Kentucky 40601

**Re: MSD Metro Operations
Timber Lake WQTC; KPDES No.: KY 0043087
Discharge Monitoring Report for February 2012**

Dear Ms. Edwards:

Attached are the Discharge Monitoring Reports (DMRs) and the Monthly Operator Report (MOR) for the Timber Lake WQTC; KPDES No.: KY0043087 for the month of February 2012

There were no exceedences, bypasses or overflows to report.

If you have any questions concerning the attached DMRs, please contact me at (502) 587-5832.

Sincerely,

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

Richard Mills
Process Supervisor of Metro Operations

RM/ Timber Lake 02/12

Enclosures

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



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

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

MINDR
(SUBR LV)
F - FINAL
MUNICIPAL DISCHARGE
EFFLUENT

JEFFE

*** NO DISCHARGE () ***

NOTE: Read instructions before completing this form.

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**

KY0043087		001 2					
PERMIT NUMBER		DISCHARGE NUMBER					
MONITORING PERIOD							
FROM	YEAR	MO	DAY	TO	YEAR	MO	DAY
	12	02	01		12	02	27

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		*****	*****		9	*****	*****	(19)	0	1/1	GR
PERMIT REQUIREMENT		*****	*****	****	7	*****	*****	MG/L		WEEKLY	GRAB
PH 00400 1 0 0 EFFLUENT GROSS VALUE		*****	*****		6.8	*****	7.7	(12)	0	1/4	GR
PERMIT REQUIREMENT		*****	*****	****	5.0	*****	9.0	MINIMUM MAXIMUM		WEEKLY	GRAB
SOLIDS, TOTAL SUSPENDED 00500 0 0 0 RAW SEW/INFLUENT		453	694	(25)	*****	896	1580	(19)	0	1/7	CP
PERMIT REQUIREMENT		REPORT	REPORT		*****	REPORT	REPORT			WEEKLY	COMPOS
SOLIDS, TOTAL SUSPENDED 00500 1 0 0 EFFLUENT GROSS VALUE		2.6	4.7	(25)	*****	5	9	(19)	0	1/9	CP
PERMIT REQUIREMENT		50.0	75.0		*****	30	45			WEEKLY	COMPOS
NITROGEN, AMMONIA TOTAL (AS N) 00610 0 0 0 RAW SEW/INFLUENT		12	13	(25)	*****	22	23	(19)	0	1/7	CP
PERMIT REQUIREMENT		REPORT	REPORT		*****	REPORT	REPORT			WEEKLY	COMPOS
NITROGEN, AMMONIA TOTAL (AS N) 00610 1 2 0 EFFLUENT GROSS VALUE		0.2	0.2	(25)	*****	0.3	0.4	(19)	0	1/7	CP
PERMIT REQUIREMENT		5	12		*****	5	7.5			WEEKLY	COMPOS
PHOSPHORUS, TOTAL (AS P) 00665 1 0 0 EFFLUENT GROSS VALUE		*****	*****		*****	0.87	1.6	(19)	0	6/29	CP
PERMIT REQUIREMENT		*****	*****	****	*****	REPORT	REPORT			TWICE/MONTH	COMPOS

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

Greg C. Heltzman
Interim Executive Director

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

502 540-6000

AREA CODE NUMBER

DATE

12 3 26

YEAR MO DAY

TYPED OR PRINTED

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

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

MINOR
(SUBR LV)
F - FINAL
MUNICIPAL DISCHARGE
EFFLUENT

JEFFE

*** NO DISCHARGE [] ***

NOTE: Read Instructions before completing this form.

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**

KY0043087			001 2			
PERMIT NUMBER			DISCHARGE NUMBER			
MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY
12	02	01		12	02	27

PARAMETER	SAMPLE MEASUREMENT / PERMIT REQUIREMENT	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		0.066	0.085	(03)	*****	*****	*****		0	CN	CN
50050 1 0 0		REPORT	REPORT		*****	*****	*****	****		CONTINUOUS	IN
EFFLUENT GROSS VALUE		30DA AVG	DAILY MX	MGD				****		VOUS	
CHLORINE, TOTAL RESIDUAL		*****	*****		*****	<0.010	<0.010	(19)	0	1/1	GR
50060 1 0 0		*****	*****	****	*****	0.011	0.019			WEEKLY	GRAB
EFFLUENT GROSS VALUE		*****	*****	****	*****	30DA AVG	DAILY MX	MG/L			
COLIFORM, FECAL GENERAL		*****	*****		*****	6	31	(13)	0	1/7	GR
74055 1 0 0		*****	*****	****	*****	200	400 #/			WEEKLY	GRAB
EFFLUENT GROSS VALUE		*****	*****	****	*****	30DA GED	7 DA GED	100ML			
BOD, CARBONACEOUS 05 DAY, 20C		203	271	(26)	*****	383	480	(19)	0	1/9	CP
50082 9 0 0		REPORT	REPORT		*****	REPORT	REPORT			WEEKLY	COMPOS
RAW SEW/INFLUENT		MO AVG	MX WK AV	LBS/DY		MO AVG	MX WK AV	MG/L			
BOD, CARBONACEOUS 05 DAY, 20C		2	2	(26)	*****	3	4	(19)	0	1/7	CP
50082 1 0 0		17	25		*****	10	15			WEEKLY	COMPOS
EFFLUENT GROSS VALUE		MO AVG	MX WK AV	LBS/DY		MO AVG	MX WK AV	MG/L			
BOD, CARB-S DAY, 20 DEG C, PERCENT REMOVAL		*****	*****		99	*****	*****	(23)	0	CA	CA
50091 K 0 0		*****	*****	****	85	*****	*****			ONCE/	CALCD
PERCENT REMOVAL		*****	*****	****	MO MIN	*****	*****	PER-CENT		MONTH	
SOLIDS, SUSPENDED PERCENT REMOVAL		*****	*****		99	*****	*****	(23)	0	CA	CA
51011 K 0 0		*****	*****	****	85	*****	*****			ONCE/	CALCD
PERCENT REMOVAL		*****	*****	****	MO MIN	*****	*****	PER-CENT		MONTH	

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
Greg C. Heitzman
Interim Executive 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 Mello
SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE	DATE			
502-540-6000	12	3	26	
AREA CODE	NUMBER	YEAR	MO	DAY

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

Timberlake

INFLUENT

Date	Flow	Concentration			Pounds		
		TSS	BOD	NH3	TSS	BOD	NH3
2/1/2012	0.073						
2/2/2012	0.063	582	358	22	305.309	187.802	11.541
2/3/2012	0.067						
2/4/2012	0.085						
2/5/2012	0.079						
2/6/2012	0.069						
2/7/2012	0.064						
2/8/2012	0.07						
2/9/2012	0.068	766	480	23	432.689	271.137	12.992
2/10/2012	0.068						
2/11/2012	0.07						
2/12/2012	0.067						
2/13/2012	0.063						
2/14/2012	0.057						
2/15/2012	0.064						
2/16/2012	0.07	654	324	22	381.642	189.070	12.838
2/17/2012	0.064						
2/18/2012	0.072						
2/19/2012	0.074						
2/20/2012	0.062						
2/21/2012	0.067						
2/22/2012	0.058						
2/23/2012	0.053	1580	369	22	693.911	162.059	9.662
2/24/2012	0.063						
2/25/2012	0.07						
2/26/2012	0.065						
2/27/2012	0.061						
2/28/2012	0.057						
2/29/2012	0.065						
Average	0.066	895.50	382.75	22.25	453.39	202.52	11.76
Maximum	0.085	1580.00	480.00	23.00	693.91	271.14	12.99

Timberlake

Timberlake	Report for	Feb-12		Tot. Exc.=		0 (Influent data below.)					
Tot. Flow=	1.925	Concentrations				Pounds					
Date	Flow	TSS	BOD	NH3	Fecal	TSS	BOD	NH3	Tot. Phos.	TSS Rem	BOD Rem
2/1/12	0.073										
2/2/12	0.063	9	4	0.34		4.721	2.098	0.178	1.640	0.984536	0.988827
2/3/12	0.067				31						
2/4/12	0.085										
2/5/12	0.079										
2/6/12	0.069										
2/7/12	0.064										
2/8/12	0.07								0.552		
2/9/12	0.068	3	3	0.28		1.695	1.695	0.158	0.995	0.996084	0.99375
2/10/12	0.068				3						
2/11/12	0.07										
2/12/12	0.067										
2/13/12	0.063										
2/14/12	0.057										
2/15/12	0.064										
2/16/12	0.07	4	3	0.39		2.334	1.751	0.228	0.763	0.993884	0.990741
2/17/12	0.064				5						
2/18/12	0.072										
2/19/12	0.074										
2/20/12	0.062										
2/21/12	0.067										
2/22/12	0.058										
2/23/12	0.053	4	3	0.34		1.757	1.318	0.149	0.832	0.997468	0.99187
2/24/12	0.063				3						
2/25/12	0.07										
2/26/12	0.065										
2/27/12	0.061										
2/28/12	0.057										
2/29/12	0.065								0.450		
Average	0.066	5.00	3.25	0.34	6.11	2.63	1.72	0.18	0.87	99%	99%
Maximum	0.085	9.00	4.00	0.39	31.00	4.72	2.10	0.23	1.64		
Exceed.	0	0	0	0	0	0	0	0		0	0