



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

July 20, 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 June 2012

Dear Ms. Edwards:

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

Richard Mills
Process Supervisor of Metro Operations

RM/ Timber Lake 06/12

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)

KY0043087

PERMIT NUMBER

001 2

DISCHARGE NUMBER

MINOR

(SUOR LV)

F - FINAL

JEFF

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	*****	*****		8	*****	*****	(19)	0	1/1	GR
00300 1 0 0	PERMIT REQUIREMENT	*****	*****	****	INST MIN	*****	*****	MG/L		WEEKLY	GRAB
EFFLUENT GROSS VALUE				****							
PH	SAMPLE MEASUREMENT	*****	*****		7.3	*****	8.0	(12)	0	1/1	GR
00400 1 0 0	PERMIT REQUIREMENT	*****	*****	****	5.0	*****	9.0	MG/L		WEEKLY	GRAB
EFFLUENT GROSS VALUE				****	MINIMUM		MAXIMUM	MG/L			
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	654	783	(26)	*****	1243	1500	(19)	0	1/7	CP
00530 0 0 0	PERMIT REQUIREMENT	REPORT	REPORT		*****	REPORT	REPORT	MG/L		WEEKLY	COMPOS
RAW SEW/INFLUENT		NO AVG	MX WK AV	LBS/DY		NO AVG	MX WK AV				
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	5.3	9.0	(26)	*****	10	17	(19)	0	1/7	CP
00600 1 0 0	PERMIT REQUIREMENT	50.0	75.0		*****	30	45	MG/L		WEEKLY	COMPOS
EFFLUENT GROSS VALUE		NO AVG	MX WK AV	LBS/DY		NO AVG	MX WK AV				
NITROGEN, AMMONIA TOTAL (AS N)	SAMPLE MEASUREMENT	15	19	(25)	*****	27	29	(19)	0	1/7	CP
00610 0 0 0	PERMIT REQUIREMENT	REPORT	REPORT		*****	REPORT	REPORT	MG/L		WEEKLY	COMPOS
RAW SEW/INFLUENT		NO AVG	MX WK AV	LBS/DY		NO AVG	MX WK AV				
NITROGEN, AMMONIA TOTAL (AS N)	SAMPLE MEASUREMENT	0.2	0.3	(25)	*****	0.3	0.5	(19)	0	1/7	CP
00610 1 1 0	PERMIT REQUIREMENT	3	5		*****	2	3	MG/L		WEEKLY	COMPOS
EFFLUENT GROSS VALUE		NO AVG	MX WK AV	LBS/DY		NO AVG	MX WK AV				
PHOSPHORUS, TOTAL (AS P)	SAMPLE MEASUREMENT	*****	*****		*****	0.68	0.74	(19)	0	1/7	CP
00665 1 0 0	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT	REPORT	MG/L		WEEKLY	COMPOS
EFFLUENT GROSS VALUE				****		NO AVG	MX WK AV			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.				TELEPHONE		DATE			
Greg CaHeitzman Interim Executive Director						Richard Miller SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT		502	540-6000	12	07
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 **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 2
 DISCHARGE NUMBER

MINOR
 (SUBR LV)
 F - FINAL
 MUNICIPAL DISCHARGE
 EFFLUENT

JEFF

*** NO DISCHARGE : 1 ***

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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	0.066	0.109	(CG)	*****	*****	*****		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	1/1	GR
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	*****	*****		*****	4	14	(13)	0	1/7	GR
74055 1 0 0	PERMIT REQUIREMENT	*****	*****	****	*****	200	400	#/		WEEKLY	GRAB
EFFLUENT GROSS VALUE				****		30DA GEC	7 DA GEC	100ML			
BOD, CARBONACEOUS 5 DAY, 20C	SAMPLE MEASUREMENT	263	288	(26)	*****	492	612	(19)	0	1/7	CP
50082 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	2	(26)	*****	3	4	(19)	0	1/7	CP
50082 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, CARB-5 DAY, 20C	SAMPLE MEASUREMENT	*****	*****		99	*****	*****	(23)	0	1/30	CP
DEG O, PERCENT REMV	PERMIT REQUIREMENT	*****	*****	****	65	*****	*****	PER-CENT		ONCE/ MONTH	CALCD
50091 K 0 0				****	MD MIN						
PERCENT REMOVAL	SAMPLE MEASUREMENT	*****	*****		99	*****	*****	(23)	0	1/30	CA
SOLIDS, SUSPENDED PERCENT REMOVAL	PERMIT REQUIREMENT	*****	*****	****	65	*****	*****	PER-CENT		ONCE/ MONTH	CALCD
51011 K 0 0				****	MD MIN						
PERCENT REMOVAL				****							

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

Greg C. Hartzman
 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 Mills

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE

DATE

502 540-6000

12 07 20

AREA CODE

NUMBER

YEAR

MO

DAY

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

Timberlake

Date	Flow	INFLUENT					
		Concentration			Pounds		
		TSS	BOD	NH3	TSS	BOD	NH3
6/1/2001	0.109						
6/2/2001	0.084						
6/3/2001	0.081						
6/4/2001	0.078	770	441	29	502.056	287.541	18.909
6/5/2001	0.069						
6/6/2001	0.063						
6/7/2001	0.057						
6/8/2001	0.062						
6/9/2001	0.066						
6/10/2001	0.065						
6/11/2001	0.063	1230	389	26	648.831	205.199	13.715
6/12/2001	0.064						
6/13/2001	0.062						
6/14/2001	0.047						
6/15/2001	0.063						
6/16/2001	0.064						
6/17/2001	0.075						
6/18/2001	0.064	1470	527	25	782.911	280.676	13.315
6/19/2001	0.057						
6/20/2001	0.056						
6/21/2001	0.052						
6/22/2001	0.062						
6/23/2001	0.062						
6/24/2001	0.063						
6/25/2001	0.055	1500	612	28	681.795	278.172	12.727
6/26/2001	0.053						
6/27/2001	0.064						
6/28/2001	0.072						
6/29/2001	0.071						
6/30/2001	0.07						
Average	0.066	1242.50	492.25	27.00	653.90	262.90	14.67
Maximum	0.109	1500.00	612.00	29.00	782.91	287.54	18.91

Timberlake

[illegible]