



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

June 10, 2011

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

**Re: MSD Metro Operations
Timber Lake WQTC; KPDES No.: KY 0043087
Discharge Monitoring Reports for May of 2011**

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 May 2011.

During the month of May, we were unable to sample the week of 5/1/11 through 5/7/11 due to flood water submerging the C12 contact tank.
The V-Notch weir was several feet under water during this time period.

There were no exceedences, overflow reports or bypasses reports for this month.

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

Sincerely,

Kevin Thompson
Process Supervisor, East Region

RM/ Timber Lake 5 11

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**
3405 CEDAR CREEK RD
LOUISVILLE KY 40211
 FACILITY: **TIMBERLAKE WQTC MSD**
 LOCATION: **PROSPECT KY 40059**
 ATTN: **DENNIS THOMASSEN, SR METRO OPS**

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

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

Form Approved,
 OMB No. 2040-0004

JEPPE

PERMIT NUMBER	DISCHARGE NUMBER
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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			
PHOSPHORUS, DISSOLVED (DB)					8					3/7	GR
00300 1 0 0 EFFLUENT GROSS VALUE				***	INST MIN			MG/L			
PH					7.0		7.6			3/7	GR
00400 1 0 0 EFFLUENT GROSS VALUE				***	MINIMUM		MAXIMUM	5U			
00500 0 0 0 RAW SEW/INFLUENT				****							
SUSPENDED SOLIDS, TOTAL		169	243			225	270			3/7	CP
00500 0 0 0 EFFLUENT GROSS VALUE								MG/L			
00500 1 0 0 EFFLUENT GROSS VALUE								MG/L			
SUSPENDED SOLIDS, TOTAL		16.6	24.3			22	27			3/7	CP
00500 1 0 0 EFFLUENT GROSS VALUE								MG/L			
00500 1 0 0 EFFLUENT GROSS VALUE								MG/L			
NITROGEN, AMMONIA TOTAL (AS N)		17	22			23	25			3/7	CP
00610 0 0 0 RAW SEW/INFLUENT								MG/L			
00610 1 1 0 EFFLUENT GROSS VALUE								MG/L			
NITROGEN, AMMONIA TOTAL (AS N)		0.2	0.3			0.3	0.3			3/7	CP
00610 1 1 0 EFFLUENT GROSS VALUE								MG/L			
PHOSPHORUS, TOTAL (AS P)						0.7	0.7			3/7	CP
00625 1 0 0 EFFLUENT GROSS VALUE				***				MG/L			

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
H.J. Schardem JR.
 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.

Kevin Thompson
 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE	DATE	
502 540-6000	11	06 10
AREA CODE	NUMBER	YEAR MO DAY

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
*** NO DISCHARGE (K) ***

JEFFE

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

NAME **TIMBERLAKE WQTC MSD**
ADDRESS **0/D CEDAR CREEK WQTC**
8408 CEDAR CREEK RD
LOUISVILLE KY 40211
FACILITY **TIMBERLAKE WQTC MSD**
LOCATION **PROSPECT KY 40059**
ATTN: **DENNIS THOMASSON, SR METRO OPS**

AT0043007
PERMIT NUMBER

001 E
DISCHARGE NUMBER

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		0.319	1.490	MGD							
50060 1 0 0 EFFLUENT GROSS VALUE		PERMIT REQUIREMENT 30DA AVG	PERMIT REQUIREMENT DAILY MX	MGD				****			
CHLORINE, TOTAL RESIDUAL						20.010	20.010				
50060 1 0 0 EFFLUENT GROSS VALUE		PERMIT REQUIREMENT	PERMIT REQUIREMENT	MG/L		30DA AVG	DAILY MX	MG/L			GR
CALIFORNIA FECAL GENERAL						1	3				
74065 1 0 0 EFFLUENT GROSS VALUE		PERMIT REQUIREMENT	PERMIT REQUIREMENT	100ML		30DA GED	7 DA GED	100ML			GR
BOD, CARBONACEOUS 05 DAY, 20C		155	191	LBS/DY		211	220				
80062 0 0 0 RAW SEW/INFLUENT		PERMIT REQUIREMENT NO AVG	PERMIT REQUIREMENT MX WK AV	LBS/DY		NO AVG	MX WK AV	MG/L			CP
BOD, CARBONACEOUS 05 DAY, 20C		6	7	LBS/DY		8	10				
80062 1 0 0 EFFLUENT GROSS VALUE		PERMIT REQUIREMENT NO AVG	PERMIT REQUIREMENT MX WK AV	LBS/DY		NO AVG	MX WK AV	MG/L			CP
BOD, UNSETTLABLE 05 DAY, 20C						96%					
80091 1 0 0 PERCENT REMOVAL		PERMIT REQUIREMENT	PERMIT REQUIREMENT	PERCENT		NO MIN		PERCENT			CA
BOD, UNSETTLABLE 05 DAY, 20C						90%					
81011 1 0 0 PERCENT REMOVAL		PERMIT REQUIREMENT	PERMIT REQUIREMENT	PERCENT		NO MIN		PERCENT			CA

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Executive Director
TYPED OR PRINTED

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Keri Thompson
SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE
502 540-6000
DATE
11 06 10

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

Timberlake

Timberlake	Report for	May-11	0 (Influent data below.)								
Tot. Flow=	9.895	Concentrations	Pounds								
Date	Flow	TSS	BOD	NH3	Fecal	TSS	BOD	NH3	Tot. Phos.	TSS Rem	BOD Rem
5/1/11	1.49										
5/2/11	1.49										
5/3/11	1.49										
5/4/11	1.49										
5/5/11	1.35										
5/6/11	0.188										
5/7/11	0.106										
5/8/11	0.097										
5/9/11	0.177										
5/10/11	0.126										
5/11/11	0.082										
5/12/11	0.084	19	10	0.34	1	13.311	7.006	0.238	0.549	0.909524	0.950495
5/13/11	0.082										
5/14/11	0.086										
5/15/11	0.084										
5/16/11	0.073	20	7	0.22	3	12.176	4.262	0.134	0.683	0.896907	0.968182
5/17/11	0.073										
5/18/11	0.075										
5/19/11	0.073										
5/20/11	0.074										
5/21/11	0.087										
5/22/11	0.084										
5/23/11	0.108	27	8	0.28	1	24.319	7.206	0.252	0.709	0.9	0.962264
5/24/11	0.121										
5/25/11	0.088										
5/26/11	0.166										
5/27/11	0.103										
5/28/11	0.095										
5/29/11	0.089										
5/30/11	0.084										
5/31/11	0.08										
Average	0.319	22.00	8.33	0.28	1.44	16.60	6.16	0.21	0.65	90%	96%
Maximum	1.490	27.00	10.00	0.34	3.00	24.32	7.21	0.25	0.71		
Exceed.	5	0	0	0	0	0	0	0		0	0

Timberlake

INFLUENT

Date	Flow	Concentration			Pounds		
		TSS	BOD	NH3	TSS	BOD	NH3
5/1/2011	1.49						
5/2/2011	1.49						
5/3/2011	1.49						
5/4/2011	1.49						
5/5/2011	1.35						
5/6/2011	0.188						
5/7/2011	0.106						
5/8/2011	0.097						
5/9/2011	0.177						
5/10/2011	0.126						
5/11/2011	0.082						
5/12/2011	0.084	210	202	21	147.118	141.513	14.712
5/13/2011	0.082						
5/14/2011	0.086						
5/15/2011	0.084						
5/16/2011	0.073	194	220	25	118.111	133.940	15.221
5/17/2011	0.073						
5/18/2011	0.075						
5/19/2011	0.073						
5/20/2011	0.074						
5/21/2011	0.087						
5/22/2011	0.084						
5/23/2011	0.108	270	212	24	243.194	190.953	21.617
5/24/2011	0.121						
5/25/2011	0.088						
5/26/2011	0.166						
5/27/2011	0.103						
5/28/2011	0.095						
5/29/2011	0.089						
5/30/2011	0.084						
5/31/2011	0.08						
Average	0.319	224.67	211.33	23.33	169.47	155.47	17.18
Maximum	1.490	270.00	220.00	25.00	243.19	190.95	21.62