



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

June 14, 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 May 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 May 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 05/12

Enclosures

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



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

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
 PERMIT NUMBER

001 2
 DISCHARGE NUMBER

MINOR
 (SUBR LV)
 F - FINAL
 MUNICIPAL DISCHARGE
 EFFLUENT
 *** NO DISCHARGE !!! ***
 NOTE: Read Instructions before completing this form.

MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY
12	05	01		12	05	31

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			
OXYGEN, DISSOLVED (DO) 00300 1 0 0 EFFLUENT GROSS VALUE		*****	*****		8	*****	*****	(19)	0	1/1	GR
		*****	*****	****	7	*****	*****	INST MIN		WEEKLY	GRAB
PH 00400 1 0 0 EFFLUENT GROSS VALUE		*****	*****		7.3	*****	7.8	(12)	0	1/1	GR
		*****	*****	****	6.0	*****	9.0	MINIMUM MAXIMUM		WEEKLY	GRAB
SOLIDS, TOTAL SUSPENDED 00530 0 0 0 RAW SEW/INFLUENT		490	624	(26)	*****	904	1190	(19)	0	1/7	CP
		REPORT	REPORT		*****	REPORT	REPORT			WEEKLY	COMPOS
		MO AVG	MX WK AV	LBS/DY		MO AVG	MX WK AV	MG/L			
SOLIDS, TOTAL SUSPENDED 00630 1 0 0 EFFLUENT GROSS VALUE		3.5	8.6	(26)	*****	7	16	(19)	0	1/7	CP
		50.0	75.0		*****	30	45			WEEKLY	COMPOS
		MO AVG	MX WK AV	LBS/DY		MO AVG	MX WK AV	MG/L			
NITROGEN, AMMONIA TOTAL (AS N) 00610 0 0 0 RAW SEW/INFLUENT		14	15	(26)	*****	27	28	(19)	0	1/7	CP
		REPORT	REPORT		*****	REPORT	REPORT			WEEKLY	COMPOS
		MO AVG	MX WK AV	LBS/DY		MO AVG	MX WK AV	MG/L			
NITROGEN, AMMONIA TOTAL (AS N) 00610 1 1 0 EFFLUENT GROSS VALUE		0.1	0.2	(26)	*****	0.3	0.5	(19)	0	1/7	CP
		3	5		*****	2	3			WEEKLY	COMPOS
		MO AVG	MX WK AV	LBS/DY		MO AVG	MX WK AV	MG/L			
PHOSPHORUS, TOTAL (AS P) 00665 1 0 0 EFFLUENT GROSS VALUE		*****	*****		*****	0.53	0.68	(19)	0	5/31	CP
		*****	*****	****	*****	REPORT	REPORT			TWICE	COMPOS
		*****	*****	****		MO AVG	MX WK AV	MG/L		MONTH	

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
Greg C. Heftzman
 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 Miller
 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE: 502-540-6000
 DATE: 12 6 14
 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: **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 THOMASSEN, SR METRO OPS**

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

KY0043087 **001 2**
 PERMIT NUMBER DISCHARGE NUMBER

MINOR
(SUBR LV)
F - FINAL
MUNICIPAL DISCHARGE
EFFLUENT

JEFFE

MONITORING PERIOD					
YEAR	MO	DAY	YEAR	MO	DAY
12	06	01	12	06	01

FROM

TO

*** NO DISCHARGE ***

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 50050 1 0 0 EFFLUENT GROSS VALUE	0.074	0.123	(CG)	*****	*****	*****	*****	0	CN	CN	
PERMIT REQUIREMENT	REPORT	REPORT		*****	*****	*****	*****				
CHLORINE, TOTAL RESIDUAL 50060 1 0 0 EFFLUENT GROSS VALUE	*****	*****		*****	20.010	20.010	(19)	0	1/1	GR	
PERMIT REQUIREMENT	*****	*****	****	*****	0.011	0.019	MG/L				
COLIFORM, FECAL GENERAL 74055 1 0 0 EFFLUENT GROSS VALUE	*****	*****	****	*****	3	16	(13)	0	1/7	GR	
PERMIT REQUIREMENT	*****	*****	****	*****	200	400	#/100ML				
BOD, CARBONACEOUS 05 DAY, 200 80082 0 0 0 RAW SEW/INFLUENT	215	254	(26)	*****	401	528	(19)	0	1/7	CP	
PERMIT REQUIREMENT	REPORT	REPORT		*****	REPORT	REPORT					
BOD, CARBONACEOUS 05 DAY, 200 80082 1 0 0 EFFLUENT GROSS VALUE	1	2	(26)	*****	3	3	(19)	0	1/7	CP	
PERMIT REQUIREMENT	17	25		*****	10	15	MG/L				
BOD, CARB-5 DAY, 20 DEG C, PERCENT REMOVAL 80091 K 0 0 PERCENT REMOVAL	*****	*****	****	99	*****	*****	(23)	0	1/31	CA	
PERMIT REQUIREMENT	*****	*****	****	95	*****	*****	PER-CENT				
SOLIDS, SUSPENDED PERCENT REMOVAL 81011 K 0 0 PERCENT REMOVAL	*****	*****	****	99	*****	*****	(23)	0	1/31	CA	
PERMIT REQUIREMENT	*****	*****	****	95	*****	*****	PER-CENT				

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Greg C. Heitzman
 Interim Executive Director
 TYPED OR PRINTED

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Richard Mills
 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE: 502-540-6000
 DATE: 12 6 14
 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
5/1/2012	0.073						
5/2/2012	0.074	1010	317	25	623.500	195.693	15.433
5/3/2012	0.077						
5/4/2012	0.07						
5/5/2012	0.096						
5/6/2012	0.079						
5/7/2012	0.066						
5/8/2012	0.063						
5/9/2012	0.058	1190	528	28	572.947	254.215	13.481
5/10/2012	0.054						
5/11/2012	0.059						
5/12/2012	0.071						
5/13/2012	0.173						
5/14/2012	0.098						
5/15/2012	0.08						
5/16/2012	0.065	528	329	25	284.996	177.583	13.494
5/17/2012	0.063						
5/18/2012	0.065						
5/19/2012	0.07						
5/20/2012	0.071						
5/21/2012	0.063						
5/22/2012	0.059						
5/23/2012	0.065	888	429	28	478.645	231.237	15.092
5/24/2012	0.062						
5/25/2012	0.069						
5/26/2012	0.066						
5/27/2012	0.067						
5/28/2012	0.071						
5/29/2012	0.089						
5/30/2012	0.078						
5/31/2012	0.074						
Average	0.074	904.00	400.75	26.50	490.02	214.68	14.38
Maximum	0.173	1190.00	528.00	28.00	623.50	254.22	15.43

Timberlake

Timberlake	Report for	May-12		Tot. Exc.=		0 (Influent data below.)					
Tot. Flow=	2.287	Concentrations				Pounds					
Date	Flow	TSS	BOD	NH3	Fecal	TSS	BOD	NH3	Tot. Phos.	TSS Rem	BOD Rem
5/1/12	0.073										
5/2/12	0.074	4	2	0.22		2.469	1.235	0.136	0.505	0.99604	0.993691
5/3/12	0.077				2						
5/4/12	0.07										
5/5/12	0.096										
5/6/12	0.079										
5/7/12	0.066										
5/8/12	0.063										
5/9/12	0.058	4	3	0.22		1.926	1.444	0.106	0.684	0.996639	0.994318
5/10/12	0.054				2						
5/11/12	0.059										
5/12/12	0.071										
5/13/12	0.173										
5/14/12	0.098										
5/15/12	0.08										
5/16/12	0.065	16	3	0.17		8.636	1.619	0.092	0.594	0.969697	0.990881
5/17/12	0.063				2						
5/18/12	0.065										
5/19/12	0.07										
5/20/12	0.071										
5/21/12	0.063										
5/22/12	0.059										
5/23/12	0.065	2	2	0.45		1.078	1.078	0.243	0.562	0.997748	0.995338
5/24/12	0.062				16						
5/25/12	0.069										
5/26/12	0.066										
5/27/12	0.067										
5/28/12	0.071										
5/29/12	0.089										
5/30/12	0.078								0.281		
5/31/12	0.074										
Average	0.074	6.50	2.50	0.27	3.36	3.53	1.34	0.14	0.53	99%	99%
Maximum	0.173	16.00	3.00	0.45	16.00	8.64	1.62	0.24	0.68		
Exceed.	0	0	0	0	0	0	0	0		0	0