



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)

May 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 April 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 April 2012..

There were no exceedences, overflows or bypasses to report this month.

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 04/12

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)

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: **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 THOMASSON, SR METRO OPS**

**KY0043087**  
PERMIT NUMBER

**001 2**  
DISCHARGE NUMBER

MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY
12	04	01		12	04	01

FROM

TO

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) 00300 1 0 0 EFFLUENT GROSS VALU	PERMIT REQUIREMENT	*****	*****	*****	8	*****	*****	( 19)	0	1/1	GR
PH	PERMIT REQUIREMENT	*****	*****	*****	7	*****	*****	INST MIN		WEEKLY	GRAB
PH 00400 1 0 0 EFFLUENT GROSS VALU	PERMIT REQUIREMENT	*****	*****	*****	7.3	*****	7.8	( 12)	0	1/1	GR
SOLIDS, TOTAL SUSPENDED 00530 0 0 0 RAW SEW/INFLUENT	PERMIT REQUIREMENT	*****	*****	*****	6.0	*****	9.0	MINIMUM MAXIMUM	50	WEEKLY	GRAB
SOLIDS, TOTAL SUSPENDED 00530 0 0 0 RAW SEW/INFLUENT	PERMIT REQUIREMENT	*****	*****	*****	*****	REPORT	REPORT	MO AVG MX WK AV	MG/L	WEEKLY	COMPOS
SOLIDS, TOTAL SUSPENDED 00530 1 0 0 EFFLUENT GROSS VALU	PERMIT REQUIREMENT	*****	*****	*****	3	30	4	MO AVG MX WK AV	MG/L	WEEKLY	COMPOS
NITROGEN, AMMONIA TOTAL (AS N) 00610 0 0 0 RAW SEW/INFLUENT	PERMIT REQUIREMENT	*****	*****	*****	*****	REPORT	REPORT	MO AVG MX WK AV	MG/L	WEEKLY	COMPOS
NITROGEN, AMMONIA TOTAL (AS N) 00610 1 2 0 EFFLUENT GROSS VALU	PERMIT REQUIREMENT	*****	*****	*****	*****	REPORT	REPORT	MO AVG MX WK AV	MG/L	WEEKLY	COMPOS
PHOSPHORUS, TOTAL (AS P) 00665 1 0 0 EFFLUENT GROSS VALU	PERMIT REQUIREMENT	*****	*****	*****	*****	REPORT	REPORT	MO AVG MX WK AV	MG/L	WEEKLY	COMPOS
PHOSPHORUS, TOTAL (AS P) 00665 1 0 0 EFFLUENT GROSS VALU	PERMIT REQUIREMENT	*****	*****	*****	*****	REPORT	REPORT	MO AVG MX WK AV	MG/L	WEEKLY	COMPOS
PHOSPHORUS, TOTAL (AS P) 00665 1 0 0 EFFLUENT GROSS VALU	PERMIT REQUIREMENT	*****	*****	*****	*****	REPORT	REPORT	MO AVG MX WK AV	MG/L	WEEKLY	COMPOS

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 Mills*

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE: **502-540-6000**  
DATE: **12 5 21**  
AREA CODE NUMBER YEAR MO DAY

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

NAME **TIMERLAKE WQTC MSD**  
 ADDRESS **C/O CEDAR CREEK WQTC**  
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MINOR  
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 F - FINAL  
 MUNICIPAL DISCHARGE  
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JEFFE

MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY
12	04	01		12	04	30

\*\*\* NO DISCHARGE 1-1 \*\*\*

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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 50050 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	0.065	0.173	( 03 )	*****	*****	*****		0	CN	CN
	PERMIT REQUIREMENT	REPORT 30DA AVG	REPORT DAILY MX	MGD	*****	*****	*****	****		CONTINUOUS	
CHLORINE, TOTAL RESIDUAL 50060 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****	20.010	20.010	( 19 )	0	1/1	GR
	PERMIT REQUIREMENT	*****	*****	****	*****	0.011	0.019	30DA AVG DAILY MX		WEEKLY	GRAB
COLIFORM, FECAL GENERAL 74055 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****	6	54	( 13 )	0	1/7	GR
	PERMIT REQUIREMENT	*****	*****	****	*****	200	400 #/	30DA GED 7 DA GED		WEEKLY	GRAB
BOD, CARBONACEOUS 05 DAY, 20C 80082 0 0 0 RAW SEW/INFLUENT	SAMPLE MEASUREMENT	159	201	( 26 )	*****	312	371	( 19 )	0	1/7	CP
	PERMIT REQUIREMENT	REPORT MD AVG	REPORT MX WK AV	LBS/DY	*****	REPORT MD AVG	REPORT MX WK AV	MG/L		WEEKLY	COMPOS
BOD, CARBONACEOUS 05 DAY, 20C 80082 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	1	2	( 26 )	*****	3	3	( 19 )	0	1/7	CP
	PERMIT REQUIREMENT	17 MD AVG	25 MX WK AV	LBS/DY	*****	10 MD AVG	15 MX WK AV	MG/L		WEEKLY	COMPOS
BOD, CARB-5 DAY, 20 DEG C, PERCENT REMOVAL 80091 K 0 0 PERCENT REMOVAL	SAMPLE MEASUREMENT	*****	*****		99	*****	*****	( 23 )	0	1/30 GRAB	CA
	PERMIT REQUIREMENT	*****	*****	****	85 MD MIN	*****	*****	PER-CENT		ONCE / MONTH	CALC'D
SOLIDS, SUSPENDED PERCENT REMOVAL 81011 K 0 0 PERCENT REMOVAL	SAMPLE MEASUREMENT	*****	*****		100	*****	*****	( 23 )	0	1/30 GRAB	CA
	PERMIT REQUIREMENT	*****	*****	****	85 MD MIN	*****	*****	PER-CENT		ONCE / MONTH	CALC'D

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**Richard Mills**  
 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE **502 540-6000**  
 DATE **12 5 21**  
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COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

Timberlake

Date	Flow	INFLUENT Concentration			Pounds		
		TSS	BOD	NH3	TSS	BOD	NH3
4/1/2012	0.095						
4/2/2012	0.081	556	246	19	376.342	166.511	12.861
4/3/2012	0.064						
4/4/2012	0.068						
4/5/2012	0.066						
4/6/2012	0.064						
4/7/2012	0.063						
4/8/2012	0.061						
4/9/2012	0.045	1310	293	22	487.054	108.937	8.180
4/10/2012	0.047						
4/11/2012	0.047						
4/12/2012	0.042						
4/13/2012	0.052						
4/14/2012	0.067						
4/15/2012	0.072						
4/16/2012	0.065	1660	371	24	897.948	200.686	12.982
4/17/2012	0.058						
4/18/2012	0.051						
4/19/2012	0.05						
4/20/2012	0.173						
4/21/2012	0.069						
4/22/2012	0.065						
4/23/2012	0.056	1230	339	22	575.690	158.666	10.297
4/24/2012	0.049						
4/25/2012	0.055						
4/26/2012	0.058						
4/27/2012	0.054						
4/28/2012	0.067						
4/29/2012	0.075						
4/30/2012	0.063						
Average	0.065	1189.00	312.25	21.75	584.26	158.70	11.08
Maximum	0.173	1660.00	371.00	24.00	897.95	200.69	12.98

Timberlake

Timberlake Tot. Flow= Date	Report for Flow	Apr-12 Concentrations BOD	NH3	Tot. Exc.= Fecal	0 (Influent data below.) Pounds TSS	BOD	NH3	Tot. Phos.	TSS Rem	BOD Rem	
4/1/12	0.095										
4/2/12	0.081	4	2	0.34	2.707	1.354	0.230	0.666	0.992806	0.99187	
4/3/12	0.064			1							
4/4/12	0.068										
4/5/12	0.066										
4/6/12	0.064										
4/7/12	0.063										
4/8/12	0.061										
4/9/12	0.045	2	3	0.45	0.744	1.115	0.167	0.424	0.998473	0.989761	
4/10/12	0.047			4							
4/11/12	0.047										
4/12/12	0.042										
4/13/12	0.052										
4/14/12	0.067										
4/15/12	0.072										
4/16/12	0.065	3	3	0.34	1.623	1.623	0.184	0.341	0.998193	0.991914	
4/17/12	0.058			6							
4/18/12	0.051										
4/19/12	0.05										
4/20/12	0.173										
4/21/12	0.069										
4/22/12	0.065										
4/23/12	0.056	3	2	0.34	1.404	0.936	0.159	0.580	0.997561	0.9941	
4/24/12	0.049			54							
4/25/12	0.055										
4/26/12	0.058										
4/27/12	0.054										
4/28/12	0.067										
4/29/12	0.075										
4/30/12	0.063										
Average	0.065	3.00	2.50	0.37	6.00	1.62	1.26	0.19	0.50	100%	99%
Maximum	0.173	4.00	3.00	0.45	54.00	2.71	1.62	0.23	0.67		
Exceed.	0	0	0	0	0	0	0	0		0	0