



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

April 17, 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 March of 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 March 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 03/12

Enclosures

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



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

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

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	03	01		12	03	01

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	SAMPLE MEASUREMENT	*****	*****		8	*****	*****	( 19 )	0	1/1	GR
	PERMIT REQUIREMENT	*****	*****	****	7	*****	*****			WEEKLY	GRAB
PH 00400 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		7.1	*****	7.7	( 12 )	0	1/1	GR
	PERMIT REQUIREMENT	*****	*****	****	6.0	*****	9.0			WEEKLY	GRAB
SOLIDS, TOTAL SUSPENDED 00530 0 0 0 RAW SEW/INFLUENT	SAMPLE MEASUREMENT	949	1931	( 25 )	*****	1484	3380	( 19 )	0	1/7	CP
	PERMIT REQUIREMENT	REPORT MO AVG	REPORT MX WK AV	LBS/DY	*****	REPORT MO AVG	REPORT MX WK AV			WEEKLY	COMPOS
SOLIDS, TOTAL SUSPENDED 00530 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	2.1	3.1	( 25 )	*****	3	4	( 19 )	0	1/7	CP
	PERMIT REQUIREMENT	50.0 MO AVG	75.0 MX WK AV	LBS/DY	*****	30 MO AVG	45 MX WK AV			WEEKLY	COMPOS
NITROGEN, AMMONIA TOTAL (AS N) 00610 0 0 0 RAW SEW/INFLUENT	SAMPLE MEASUREMENT	13	15	( 25 )	*****	20	23	( 19 )	0	1/7	CP
	PERMIT REQUIREMENT	REPORT MO AVG	REPORT MX WK AV	LBS/DY	*****	REPORT MO AVG	REPORT MX WK AV			WEEKLY	COMPOS
NITROGEN, AMMONIA TOTAL (AS N) 00610 1 2 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	0.2	0.4	( 25 )	*****	0.4	0.5	( 19 )	0	1/7	CP
	PERMIT REQUIREMENT	8 MO AVG	12 MX WK AV	LBS/DY	*****	5 MO AVG	7.5 MX WK AV			WEEKLY	COMPOS
PHOSPHORUS, TOTAL (AS P) 00665 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****	0.78	1.4	( 19 )	0	6/31	CP
	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT MO AVG	REPORT MX WK AV			TWICE A MONTH	COMPOS

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER  
*Greg C. Heitzman*  
 Interim Executive Officer  
 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	DATE		
502-540-6000	12	04	18
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 1-1-88 \*\*\*

JEFFE

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	TO
YEAR: 12 MO: 03 DAY: 01	YEAR: 12 MO: 03 DAY: 31

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	SAMPLE MEASUREMENT	0.074	0.104	( 03 )	*****	*****	*****		0	CN	CN
50050 1 0 0	PERMIT REQUIREMENT	REPORT	REPORT		*****	*****	*****	****		CONTINUOUS	CONTINUOUS
EFFLUENT GROSS VALUE		30DA AVG	DAILY MX	MGD				****		UDUS	
CHLORINE, TOTAL RESIDUAL	SAMPLE MEASUREMENT	*****	*****		*****	20-010	20-010	( 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			
E. COLIFORM, FECAL GENERAL	SAMPLE MEASUREMENT	*****	*****		*****	3	17	( 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	3.15	6.23	( 26 )	*****	4.95	10.90	( 19 )	0	1/7	CP
80082 0 0 0	PERMIT REQUIREMENT	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 5 DAY, 20C	SAMPLE MEASUREMENT	2	2	( 25 )	*****	3	4	( 19 )	0	1/7	CP
80082 1 0 0	PERMIT REQUIREMENT	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-5 DAY, 20 DEG C, PERCENT REMOVAL	SAMPLE MEASUREMENT	*****	*****		99	*****	*****	( 23 )	0	CA	CA
80091 X 0 0	PERMIT REQUIREMENT	*****	*****	****	85	*****	*****	PER-CENT		ONCE/	CALC'D
PERCENT REMOVAL				****	MO MIN					MONTH	
SOLIDS, SUSPENDED PERCENT REMOVAL	SAMPLE MEASUREMENT	*****	*****		100	*****	*****	( 23 )	0	CA	CA
81011 X 0 0	PERMIT REQUIREMENT	*****	*****	****	85	*****	*****	PER-CENT		ONCE/	CALC'D
PERCENT REMOVAL				****	MO MIN					MONTH	

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER  
Greg C. Heitzman, Jr.  
Interim Executive Officer  
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		DATE		
502	5140-6000	12	04	18
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
3/1/2012	0.061						
3/2/2012	0.074						
3/3/2012	0.068						
3/4/2012	0.068	3380	1090	20	1930.678	622.615	11.424
3/5/2012	0.069						
3/6/2012	0.073						
3/7/2012	0.068						
3/8/2012	0.09						
3/9/2012	0.079						
3/10/2012	0.073						
3/11/2012	0.073	730	327	23	446.996	200.230	14.083
3/12/2012	0.084						
3/13/2012	0.072						
3/14/2012	0.06						
3/15/2012	0.061						
3/16/2012	0.09						
3/17/2012	0.084						
3/18/2012	0.093	1250	297	17	971.714	230.879	13.215
3/19/2012	0.079						
3/20/2012	0.075						
3/21/2012	0.066						
3/22/2012	0.063						
3/23/2012	0.096						
3/24/2012	0.104						
3/25/2012	0.094	574	266	19	448.557	207.868	14.848
3/26/2012	0.061						
3/27/2012	0.062						
3/28/2012	0.066						
3/29/2012	0.058						
3/30/2012	0.066						
3/31/2012	0.072						
Average	0.074	1483.50	495.00	19.75	949.49	315.40	13.39
Maximum	0.104	3380.00	1090.00	23.00	1930.68	622.62	14.85

Timberlake

Timberlake	Report for	Mar-12		Tot. Exc.=		0 (Influent data below.)					
Tot. Flow=	2.304	Concentrations				Pounds					
Date	Flow	TSS	BOD	NH3	Fecal	TSS	BOD	NH3	Tot. Phos.	TSS Rem	BOD Rem
3/1/12	0.061										
3/2/12	0.074										
3/3/12	0.068										
3/4/12	0.068	2	3	0.34		1.142	1.714	0.194	1.350	0.999408	0.997248
3/5/12	0.069				2						
3/6/12	0.073										
3/7/12	0.068										
3/8/12	0.09										
3/9/12	0.079										
3/10/12	0.073										
3/11/12	0.073	4	4	0.34		2.449	2.449	0.208	0.796	0.994521	0.987768
3/12/12	0.084				1						
3/13/12	0.072										
3/14/12	0.06										
3/15/12	0.061										
3/16/12	0.09										
3/17/12	0.084										
3/18/12	0.093	4	2	0.28		3.109	1.555	0.218	1.150	0.9968	0.993266
3/19/12	0.079				4						
3/20/12	0.075										
3/21/12	0.066										
3/22/12	0.063										
3/23/12	0.096								0.356		
3/24/12	0.104										
3/25/12	0.094	2	3	0.45		1.563	2.344	0.352	0.677	0.996516	0.988722
3/26/12	0.061				17						
3/27/12	0.062								0.367		
3/28/12	0.066										
3/29/12	0.058										
3/30/12	0.066										
3/31/12	0.072										
Average	0.074	3.00	3.00	0.35	3.41	2.07	2.02	0.24	0.78	100%	99%
Maximum	0.104	4.00	4.00	0.45	17.00	3.11	2.45	0.35	1.35		
Exceed.	0	0	0	0	0	0	0	0		0	0