



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

November 11, 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 Oct. 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 Oct. 2011.

There were no exceedences, overflows or bypasses to report for 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 10.11

Enclosures

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



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

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

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

MINOR  
(SUBR LV)  
F - FINAL

JEFFE

NAME **TIMERLAKE WQTC MSD**  
ADDRESS **C/D CEDAR CREEK WQTC**  
**8405 CEDAR CREEK RD**  
**LOUISVILLE KY 40211**  
FACILITY **TIMBERLAKE WQTC MSD**  
LOCATION **PROSPECT KY 40059**  
ATTN: **DENNIS THOMASSON, SR METRO OPS**

**KY0043067**  
PERMIT NUMBER

**001 2**  
DISCHARGE NUMBER

MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY
11	10	01		11	10	31

FROM

TO

MUNICIPAL DISCHARGE  
EFFLUENT

\*\*\* 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			
OXYGEN, DISSOLVED (DO)		*****	*****		8	*****	*****	( 19 )	0	1/1	GR
00300 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	7	*****	*****	MG/L		WEEKLY	GRAB
PH		*****	*****		6.1	*****	7.1	( 12 )	0	1/1	GR
00400 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	5.0	*****	9.0	MINIMUM MAXIMUM		WEEKLY	GRAB
SOLIDS, TOTAL SUSPENDED		259	323	( 26 )	*****	563	672	( 19 )	0	1/7	CP
00530 2 0 0 RAW SEW/INFLUENT	PERMIT REQUIREMENT	REPORT	REPORT		*****	REPORT	REPORT	MG/L		WEEKLY	COMPOS
		MO AVG	MX WK AV	LBS/DY		MO AVG	MX WK AV				
SOLIDS, TOTAL SUSPENDED		7.8	16.6	( 26 )	*****	18	39	( 19 )	0	1/7	CP
00530 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	50.0	75.0		*****	30	45	MG/L		WEEKLY	COMPOS
		MO AVG	MX WK AV	LBS/DY		MO AVG	MX WK AV				
NITROGEN, AMMONIA TOTAL (AS N)		13	13	( 26 )	*****	29	31	( 19 )	0	1/7	CP
00610 2 0 0 RAW SEW/INFLUENT	PERMIT REQUIREMENT	REPORT	REPORT		*****	REPORT	REPORT	MG/L		WEEKLY	COMPOS
		MO AVG	MX WK AV	LBS/DY		MO AVG	MX WK AV				
NITROGEN, AMMONIA TOTAL (AS N)		0.2	0.2	( 26 )	*****	0.4	0.5	( 19 )	0	1/7	CP
00610 1 1 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	3	5		*****	2	3	MG/L		WEEKLY	COMPOS
		MO AVG	MX WK AV	LBS/DY		MO AVG	MX WK AV				
PHOSPHORUS, TOTAL (AS P)		*****	*****		*****	1.0	1.1	( 19 )	0	1/7	CP
00665 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT	REPORT	MG/L		TWICE/MONTH	COMPOS
						MO AVG	MX WK AV				
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			
HJ Schardein Executive Director						502-570-6000		11	11	22	
TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT				502-570-6000					
						AREA CODE NUMBER		YEAR MO DAY			

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

NAME **TIMERLAKE WQTC MSD**  
ADDRESS **C/D 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

JEFFE

MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY
11	10	01		11	10	01

\*\*\* NO DISCHARGE I [ ] \*\*\*

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		0.065	0.246	( 03 )	*****	*****	*****		0	EN	CN		
50050 1 0 0 EFFLUENT GROSS VALUE		REPORT	REPORT		*****	*****	*****	***		CONTINUOUS	CONTIN		
CHLORINE, TOTAL RESIDUAL		*****	*****		*****	20.010	20.010	( 19 )	0	1/1	GR		
50060 1 0 0 EFFLUENT GROSS VALUE		*****	*****	***	*****	0.011	0.019			WEEKLY	GRAB		
		30DA AVG	DAILY MX	MGD		30DA AVG	DAILY MX	MG/L					
COLIFORM, FECAL GENERAL		*****	*****		*****	1	1	( 13 )	0	1/7	ER		
74055 1 0 0 EFFLUENT GROSS VALUE		*****	*****	***	*****	200	400	*/		WEEKLY	GRAB		
		*****	*****	***		30DA GEO	7 DA GEO	100ML					
BOD, CARBONACEOUS 05 DAY, 20C		143	195	( 26 )	*****	313	458	( 19 )	0	1/7	CP		
80052 0 0 0 RAW SEW/INFLUENT		REPORT	REPORT		*****	REPORT	REPORT			WEEKLY	COMPOS		
		MO AVG	MX WK AV	_LBS/DY		MO AVG	MX WK AV	MG/L					
BOD, CARBONACEOUS 05 DAY, 20C		1	2	( 26 )	*****	3	4	( 19 )	0	1/7	CP		
80082 1 0 0 EFFLUENT GROSS VALUE		17	25		*****	10	15			WEEKLY	COMPOS		
		MO AVG	MX WK AV	_LBS/DY		MO AVG	MX WK AV	MG/L					
BOD, CARB-5 DAY, 20 DEG C, PERCENT REMVL		*****	*****		99	*****	*****	( 23 )	0	CA	CA		
80091 K 0 0 PERCENT REMOVAL		*****	*****	***	85	*****	*****	PER-CENT		ONCE/MONTH	CALC'D		
		*****	*****	***	MO MIN								
SOLIDS, SUSPENDED PERCENT REMOVAL		*****	*****		97	*****	*****	( 23 )	0	CA	CA		
81011 K 0 0 PERCENT REMOVAL		*****	*****	***	85	*****	*****	PER-CENT		ONCE/MONTH	CALC'D		
		*****	*****	***	MO MIN								
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.				Richard Mills				TELEPHONE		DATE		
HJ Schandoin Executive Director					SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT				502.540-6000		11 11 22		
TYPED OR PRINTED									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
10/1/11	0.065						
10/2/11	0.060						
10/3/11	0.054						
10/4/11	0.051	592	458	31	251.505	194.577	13.170
10/5/11	0.056						
10/6/11	0.246						
10/7/11	0.062						
10/8/11	0.058						
10/9/11	0.064						
10/10/11	0.051						
10/11/11	0.061	634	284	26	323.229	144.790	13.255
10/12/11	0.052						
10/13/11	0.073						
10/14/11	0.052						
10/15/11	0.053						
10/16/11	0.060						
10/17/11	0.055						
10/18/11	0.058	352	247	28	169.036	118.614	13.446
10/19/11	0.056						
10/20/11	0.065						
10/21/11	0.058						
10/22/11	0.054						
10/23/11	0.062						
10/24/11	0.050						
10/25/11	0.052	672	264	30	290.368	114.073	12.963
10/26/11	0.064						
10/27/11	0.082						
10/28/11	0.062						
10/29/11	0.059						
10/30/11	0.058						
10/31/11	0.058						
Average	0.065	562.50	313.25	28.75	258.53	143.01	13.21
Maximum	0.246	672.00	458.00	31.00	323.23	194.58	13.45

Timberlake

Timberlake	Report for	Oct-11		Tot. Exc.=		0 (Influent data below.)					
Tot. Flow=	2.01197	Concentrations				Pounds					
Date	Flow	TSS	BOD	NH3	Fecal	TSS	BOD	NH3	Tot. Phos.	TSS Rem	BOD Rem
10/1/11	0.065										
10/2/11	0.061										
10/3/11	0.054										
10/4/11	0.051	39	4	0.45	1	16.569	1.699	0.191	0.969	0.934122	0.991266
10/5/11	0.056										
10/6/11	0.246										
10/7/11	0.062										
10/8/11	0.058										
10/9/11	0.064										
10/10/11	0.051										
10/11/11	0.061	9	3	0.39	1	4.588	1.529	0.199	1.040	0.985804	0.989437
10/12/11	0.052										
10/13/11	0.073										
10/14/11	0.052										
10/15/11	0.053										
10/16/11	0.060										
10/17/11	0.055										
10/18/11	0.058	12	3	0.39	1	5.763	1.441	0.187	1.080	0.965909	0.987854
10/19/11	0.056										
10/20/11	0.065										
10/21/11	0.058										
10/22/11	0.054										
10/23/11	0.062										
10/24/11	0.050										
10/25/11	0.052	10	2	0.22	1	4.321	0.864	0.095	0.889	0.985119	0.992424
10/26/11	0.064										
10/27/11	0.082										
10/28/11	0.062										
10/29/11	0.059										
10/30/11	0.058										
10/31/11	0.058										
Average	0.065	17.50	3.00	0.36	1.00	7.81	1.38	0.17	0.99	97%	99%
Maximum	0.246	39.00	4.00	0.45	1.00	16.57	1.70	0.20	1.08		