



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

January 18, 2011

Crystal Thompson  
DMR Coordinator  
200 Fair Oaks Lane  
Frankfort, Kentucky 40601

**Re: MSD Metro Operations  
Timberlake WQTC; KPDES No.: KY0043087  
Discharge Monitoring Reports –December 2010**

Dear Ms. Thompson:

Attached are the Discharge Monitoring Reports (DMRs) and the Monthly Operator Report (MOR) for the Timberlake WQTC, KPDES No.: KY0043087 for the month of December 2010.

There are no exceedences, overflow reports or bypass reports for this month.  
Also attached are the Annual Metals DMR's.

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

Sincerely,

Richard. Mills  
Process Supervisor, East Region

RM/Timberlake 1210

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**

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

**KY0043087** **001 2**  
 PERMIT NUMBER DISCHARGE NUMBER

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

MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY
10	12	01		11	12	01

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)	*****	*****			7	*****	*****	( 17 )	0	1/7	GR
00300 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	7 INST MIN	*****	*****	MG/L		WEEKLY	COMPS
PH	*****	*****			6.9	*****	7.0	( 12 )	0	1/7	GR
00400 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	6.0 MINIMUM	*****	7.0 MAXIMUM	50		WEEKLY	COMPS
SOLIDS, TOTAL SUSPENDED	*****	*****		( 26 )	*****	*****	*****	( 17 )	0	1/7	CP
00500 0 0 0 RAW SEW/INFLUENT	PERMIT REQUIREMENT	REPORT MD AVG	REPORT MX WK AV	LBS/DY	*****	REPORT MD AVG	REPORT MX WK AV	MG/L		WEEKLY	COMPS
240 591	*****	*****		( 26 )	*****	*****	*****	( 17 )	0	1/7	CP
00530 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	50.0 MD AVG	75.0 MX WK AV	LBS/DY	*****	30 MD AVG	45 MX WK AV	MG/L		WEEKLY	COMPS
SOLIDS, TOTAL SUSPENDED	*****	*****		( 26 )	*****	*****	*****	( 17 )	0	1/7	CP
00610 0 0 0 RAW SEW/INFLUENT	PERMIT REQUIREMENT	REPORT MD AVG	REPORT MX WK AV	LBS/DY	*****	REPORT MD AVG	REPORT MX WK AV	MG/L		WEEKLY	COMPS
14 16	*****	*****		( 26 )	*****	*****	*****	( 17 )	0	1/7	CP
00610 1 2 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	8 MD AVG	12 MX WK AV	LBS/DY	*****	5 MD AVG	7.5 MX WK AV	MG/L		WEEKLY	COMPS
PHOSPHORUS, TOTAL (AS P)	*****	*****		( 26 )	*****	*****	*****	( 17 )	0	5/30	CP
00665 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT MD AVG	REPORT MX WK AV	MG/L		WEEKLY	COMPS

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER  
**NJ Schandien SR - Exec 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		DATE		
502	506 6000	11	1	20
AREA CODE	NUMBER	YEAR	MO	DAY

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

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

KY0043087  
PERMIT NUMBER

001 2  
DISCHARGE NUMBER

MINOR (SUBR LV)  
F - FINAL JEFFE  
MUNICIPAL DISCHARGE EFFLUENT  
\*\*\* NO DISCHARGE 1 1 \*\*\*

MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY
10	12	01	TO	10	12	01

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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	0.068	0.089	( 03)	*****	*****	*****	*****	0	CN	CN	
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	REPORT 30DA AVG	REPORT DAILY MX MGD	*****	*****	*****	*****	0	CN	CN	
CHLORINE, TOTAL RESIDUAL 50060 1 0 0	*****	*****	*****	*****	<0.010	<0.010	( 19)	0	1/7	GR	
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	*****	0.011	0.019	30DA AVG DAILY MX MG/L	0	1/7	GR	
COLIFORM, FECAL GENERAL 74055 1 0 0	*****	*****	*****	*****	1	1	( 19)	0	1/7	GR	
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	*****	200	400	30DA GED 7 DA GED 100ML	0	1/7	GR	
BOD, CARBONACEOUS 05 DAY, 20C 50082 9 0 0	108	145	( 26)	*****	210	267	( 19)	0	1/7	CP	
RAW SEW/INFLUENT	PERMIT REQUIREMENT	REPORT MD AVG	REPORT MX WK AV LBS/DY	*****	REPORT MD AVG	REPORT MX WK AV MG/L	*****	0	1/7	CP	
BOD, CARBONACEOUS 05 DAY, 20C 50082 1 0 0	2	3	( 26)	*****	4	6	( 19)	0	1/7	CP	
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	17	25	*****	10	15	MD AVG MX WK AV MG/L	0	1/7	CP	
BOD, CARB-5 DAY, 20 DEG C, PERCENT REMVL 50091 K 0 0	*****	*****	*****	98	*****	*****	( 23)	0	CA	CA	
PERCENT REMOVAL	PERMIT REQUIREMENT	*****	*****	*****	85	*****	PER-CENT	0	CA	CA	
SOLIDS, SUSPENDED PERCENT REMOVAL 51011 K 0 0	*****	*****	*****	97	*****	*****	( 23)	0	CA	CA	
PERCENT REMOVAL	PERMIT REQUIREMENT	*****	*****	*****	85	*****	PER-CENT	0	CA	CA	

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER Richard Mille Exec-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 Mille	TELEPHONE	DATE			
TYPED OR PRINTED			302 540-6000	11	1	20	
		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	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 **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**

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

KY0043087  
 PERMIT NUMBER

001 M  
 DISCHARGE NUMBER

MINOR  
 (SUBR LV)  
 F - FINAL  
 METALS MONITORING  
 EFFLUENT  
 \*\*\* NO DISCHARGE [ ] \*\*\*

Form Approved.  
 OMB No. 2040-0004

JEFFE

MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY
10	11	01		10	12	31

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			
HARDNESS, TOTAL (AS CaCO3) 00900 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	*****	*****	221	221	( 19 )	0	01/YR	CP
CADMIUM, DISSOLVED (AS CD) 01025 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	*****	*****	0.003	0.003	( 19 )	0	01/YR	CP
COPPER, DISSOLVED (AS CU) 01040 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	*****	*****	0.01	0.01	( 19 )	0	01/YR	CP
LEAD, DISSOLVED (AS PB) 01049 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	*****	*****	0.005	0.005	( 19 )	0	01/YR	CP
ZINC, DISSOLVED (AS ZN) 01090 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	*****	*****	0.06	0.06	( 19 )	0	01/YR	CP
ZINC TOTAL RECOVERABLE 01094 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	*****	*****	0.06	0.06	( 19 )	0	01/YR	CP
CADMIUM TOTAL RECOVERABLE 01110 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	*****	*****	0.003	0.003	( 19 )	0	01/YR	CP

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER  
 H.J. Schordan Jr.  
 Exec. 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: 525466100  
 DATE: 10 11 17

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

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

NAME: **TIMBERLAKE WQTC MSD**  
 ADDRESS: **C/O CEDAR CREEK WQTC**  
**8408 CEDAR CREEK RD**  
**LOUISVILLE KY 40211**  
 FACILITY: **TIMBERLAKE WQTC MSD**  
 LOCATION: **PROSPECT KY 40057**  
 ATTN: **DENNIS THOMASSON, SR METRO OPS**

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

XY0043087  
 PERMIT NUMBER

001LM  
 DISCHARGE NUMBER

MINOR (SUBR LV)  
 F - FINAL  
 METALS MONITORING EFFLUENT  
 \*\*\* NO DISCHARGE \*\*\*

JEFFE

MONITORING PERIOD

FROM: YEAR 10 MO 01 DAY 01 TO YEAR 10 MO 12 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			
LEAD TOTAL RECOVERABLE 01114 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****	0.005	0.005	(19)		1 <sup>0</sup> /YR	CP
	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT MO AVG	REPORT DAILY MX	MG/L		ANNUAL	SAMPLE
COPPER TOTAL RECOVERABLE 01117 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****	0.01	0.01	(19)		1 <sup>0</sup> /YR	CP
	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT MO AVG	REPORT DAILY MX	MG/L		ANNUAL	SAMPLE
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
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	PERMIT REQUIREMENT										

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

TELEPHONE: 502 546-6600  
 DATE: 10 11 17  
 AREA CODE NUMBER YEAR MO DAY

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

Timberlake

data

Date	Flow	Concentration			Pounds		
		TSS	BOD	NH3	TSS	BOD	NH3
12/1/2010	0.065	336	238	26	182.146	129.020	14.095
12/2/2010	0.06						
12/3/2010	0.053						
12/4/2010	0.069						
12/5/2010	0.061						
12/6/2010	0.058						
12/7/2010	0.052						
12/8/2010	0.049	184	210	28.1	75.193	85.819	11.483
12/9/2010	0.057						
12/10/2010	0.06						
12/11/2010	0.077						
12/12/2010	0.071						
12/13/2010	0.057						
12/14/2010	0.053						
12/15/2010	0.065	204	267	28.7	110.588	144.741	15.558
12/16/2010	0.074						
12/17/2010	0.066						
12/18/2010	0.075						
12/19/2010	0.076						
12/20/2010	0.071						
12/21/2010	0.069						
12/22/2010	0.077						
12/23/2010	0.078						
12/24/2010	0.085						
12/25/2010	0.065						
12/26/2010	0.065						
12/27/2010	0.072	984	123	27	590.872	73.859	16.213
12/28/2010	0.07						
12/29/2010	0.075						
12/30/2010	0.089						
12/31/2010	0.226						
Average	0.072	427.00	209.50	27.45	239.70	108.36	14.34
Maximum	0.226	984.00	267.00	28.70	590.87	144.74	16.21

