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

October 14, 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 Sept. 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 Sept. 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)587-5856.

Sincerely,

Kevin Thompson
Process Supervisor, East Region

RM/ Timber Lake 9.11

Enclosures

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

PERMITTEE NAME/ADDRESS *(Include Facility Name/Location if Different)*
NAME TIMBERLAKE WQTC MSD
ADDRESS C/O CEDAR CREEK WQTC
1605 CEDAR CREEK RD
LOUISVILLE KY 40211
FACILITY TIMBERLAKE WQTC MSD
LOCATION PROSPECT KY 40059
ATTN. DENNIS THOMASSON, SR METRO DPS

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

KY0043087	UV1 E
PERMIT NUMBER	DISCHARGE NUMBER

MONITORING PERIOD

	YEAR	MO	DAY		YEAR	MO	DAY
FROM	**	07	01	TO	**	07	31

MINOR
(SUBR LV)
F - FINAL
MUNICIPAL DISCHARGE
EFFLUENT
*** NO DISCHARGE [ ] ***

Form Approved.
OMB No. 2040-0004

NOTE: Read Instructions before completing this form.

PARAMETER		QUANTITY OR LOADING AVERAGE	QUANTITY OR LOADING MAXIMUM	QUANTITY OR LOADING UNITS	QUALITY OR CONCENTRATION MINIMUM	QUALITY OR CONCENTRATION AVERAGE	QUALITY OR CONCENTRATION MAXIMUM	QUALITY OR CONCENTRATION UNITS	NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
OXYGEN, DISSOLVED (DO) 00300 1 C 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*******	*******		7	*******	*******		e	1/1	GR
	PERMIT REQUIREMENT	*******	*******	*** ****	INST MIN	*******	*******	MG/L			
PH 00400 1 C 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*******	*******		6.2	*******	7.4		e	1/1	GR
	PERMIT REQUIREMENT	*******	*******	*** ****	MINIMUM	*******	MAXIMUM	SU			
SOLIDS, TOTAL SUSPENDED 00530 1 C 0 RAW SEW/INFLUENT	SAMPLE MEASUREMENT	272	403		*******	430	624		e	1/7	CP
	PERMIT REQUIREMENT	REPORT MO AVG	REPORT MX WK AV	LBS/DY	*******	REPORT MO AVG	REPORT MX WK AV	MG/L			
SOLIDS, TOTAL SUSPENDED 00530 1 C 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	18.7	30.8		*******	21	29		e	1/7	CP
	PERMIT REQUIREMENT	30.0 MO AVG	45.0 MX WK AV	LBS/DY	*******	30 MO AVG	45 MX WK AV	MG/L			
NITROGEN, AMMONIA TOTAL (AS N) 00610 1 C 0 RAW SEW/INFLUENT	SAMPLE MEASUREMENT	18	19		*******	29	32		e	1/7	CP
	PERMIT REQUIREMENT	REPORT MO AVG	REPORT MX WK AV	LBS/DY	*******	REPORT MO AVG	REPORT MX WK AV	MG/L			
NITROGEN, AMMONIA TOTAL (AS N) 00610 1 C 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	0.5	1		*******	0.5	0.6		e	1/7	CP
	PERMIT REQUIREMENT	1.0 MO AVG	2.0 MX WK AV	LBS/DY	*******	1.0 MO AVG	2.0 MX WK AV	MG/L			
PHOSPHORUS, TOTAL (AS P) 00665 1 C 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*******	*******		*******	0.70	0.90		e	1/7	CP
	PERMIT REQUIREMENT	*******	*******	*** ****	*******	REPORT MO AVG	REPORT MX WK AV	MG/L		MONTH	

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER		TELEPHONE	DATE		
H.J. Schardein JR Executive 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.	Kevin Morgan	502 540-6000	11	10	10
TYPED OR PRINTED		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 WTC MSD
ADDRESS C/O CEDAR CREEK WDTC
1405 CEDAR CREEK RD
LOUISVILLE KY 40211
FACILITY TIMBERLAKE WDTC MSD
LOCATION PROTECT KY 40059
ATTN: DENNIS THOMASSON, SR METRO OPS

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

Form Approved.
OMB No. 2040-0004

KY0024287 — PERMIT NUMBER
001 E — DISCHARGE NUMBER

MONITORING PERIOD
FROM YEAR 99 MO. 11 DAY 01 TO YEAR 99 MO. 11 DAY 30

MINOR
(SUBR LV)
F - FINAL
MUNICIPAL DISCHARGE
EFFLUENT
*** NO DISCHARGE [ ] ***

NOTE: Read Instructions before completing this form.

PARAMETER		QUANTITY OR LOADING AVERAGE	QUANTITY OR LOADING MAXIMUM	QUANTITY OR LOADING UNITS	QUALITY OR CONCENTRATION MINIMUM	QUALITY OR CONCENTRATION AVERAGE	QUALITY OR CONCENTRATION MAXIMUM	QUALITY OR CONCENTRATION UNITS	NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
FLOW, IN CONDUIT OR THRU TREATMENT PLANT 50050 1 C 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	C.C71	C.217	MGD					E	CN	CN
	PERMIT REQUIREMENT	REPORT 30DA AVG	REPORT DAILY MX							UOUS	
CHLORINE, TOTAL RESIDUAL 50060 1 C 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT					<0.01C	<0.r10	MG/L	E	1/1	GR
	PERMIT REQUIREMENT					30DA AVG	DAILY MX				
COLI FORM, FECAL GENERAL 74055 1 C 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT					6	66	#/ 100ML	E	1/7	GR
	PERMIT REQUIREMENT					30DA GEO	7 DA GEO				
BOD, CARBONACEOUS 05 DAY 20C 80082 1 C 0 RAW SEW/INFLUENT	SAMPLE MEASUREMENT	288	347	LBS/DY		460	588	MG/L	E	1/7	CP
	PERMIT REQUIREMENT	REPORT MO AVG	REPORT MX WK AV			MO AVG	MX WK AV				
BOD, CARBONACEOUS 05 DAY 20C 80082 1 C 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	4	7	LBS/DY		5	6	MG/L	E	1/7	CP
	PERMIT REQUIREMENT	MO AVG	MX WK AV			MO AVG	MX WK AV				
BOD, CARB-5 DAY, 20 DEG C, PERCENT REMVL 80082 1 % 0 PERCENT REMOVAL	SAMPLE MEASUREMENT				99			PER-CENT	E	1/30	CA
	PERMIT REQUIREMENT				MO MIN					MONTH	
SOLIDS, SUSPENDED PERCENT REMOVAL 81011 1 C 0 PERCENT REMOVAL	SAMPLE MEASUREMENT				95			PER-CENT	E	1/30	CA
	PERMIT REQUIREMENT				MO MIN					MONTH	

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
H.J. Schaideir JR.
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.

Ken Thomas
SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE		DATE		
AREA CODE	NUMBER	YEAR	MO	DAY
502	540-6000	11	10	10

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

Timberlake		Report for	**Sep-11**			Tot. Exc.=	0	(Influent data below.)				
Tot. Flow=	2.191		Concentrations					Pounds				
Date	Flow	TSS	BOD	NH3		Fecal	TSS	BOD	NH3	Tot. Phos.	TSS Rem	BOD Rem
9/1/11	0.062											
9/2/11	0.057											
9/3/11	0.068											
9/4/11	0.078	9	3	0.5		66	5.819	1.940	0.323	0.558	0.985577	0.990596
9/5/11	0.076											
9/6/11	0.069											
9/7/11	0.063											
9/8/11	0.064											
9/9/11	0.065											
9/10/11	0.067											
9/11/11	0.082											
9/12/11	0.064	29	6	0.5		1	15.486	3.204	0.267	0.640	0.924479	0.987315
9/13/11	0.056											
9/14/11	0.056											
9/15/11	0.06											
9/16/11	0.047											
9/17/11	0.055											
9/18/11	0.071											
9/19/11	0.095	29	6	0.39		1	22.912	4.740	0.308	0.703	0.915698	0.989796
9/20/11	0.075											
9/21/11	0.087											
9/22/11	0.068											
9/23/11	0.091											
9/24/11	0.073											
9/25/11	0.072											
9/26/11	0.217	17	4	0.56		26	30.749	7.235	1.013	0.904	0.953804	0.991323
9/27/11	0.074											
9/28/11	0.063											
9/29/11	0.059											
9/30/11	0.058											
Average	0.071	21.00	4.75	0.49		6.44	18.74	4.28	0.48	0.70	95%	99%
Maximum	0.217	29.00	6.00	0.56		66.00	30.75	7.24	1.01	0.90		
Exceed.	1	0	0	0		0	0	0	0		0	0
		0	0	0		0	0	0	0			
		0	0	0		0	0	0	0		0	0

Timberlake

INFLUENT

		Concentration			Pounds		
Date	Flow	TSS	BOD	NH3	TSS	BOD	NH3
9/1/2011	0.062						
9/2/2011	0.057						
9/3/2011	0.068						
9/4/2011	0.078	624	319	25	403.432	206.242	16.163
9/5/2011	0.076						
9/6/2011	0.069						
9/7/2011	0.063						
9/8/2011	0.064						
9/9/2011	0.065						
9/10/2011	0.067						
9/11/2011	0.082	384	473	28	261.137	321.661	19.041
9/12/2011	0.064						
9/13/2011	0.056						
9/14/2011	0.056						
9/15/2011	0.06						
9/16/2011	0.047						
9/17/2011	0.055						
9/18/2011	0.071	344	588	29	202.807	346.658	17.097
9/19/2011	0.095						
9/20/2011	0.075						
9/21/2011	0.087						
9/22/2011	0.068						
9/23/2011	0.091						
9/24/2011	0.073						
9/25/2011	0.072	368	461	32	220.424	276.129	19.167
9/26/2011	0.217						
9/27/2011	0.074						
9/28/2011	0.063						
9/29/2011	0.059						
9/30/2011	0.058						
Average	0.071	430.00	460.25	28.50	271.95	287.67	17.87
Maximum	0.217	624.00	588.00	32.00	403.43	346.66	19.17