



MSD

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

August 23, 2007

Ms. Kathy Thurman
Kentucky Division of Water
14 Reilly Road
Frankfort, Kentucky 40601

**Re: MSD Metro Operations
Timberlake WTP; KPDES No.: KY0043087
Discharge Monitoring Reports – July 2007.**

Dear Ms. Thurman:

Attached is the Discharge Monitoring Reports (DMRs) for the Timberlake WTP, KPDES No.: KY0043087 for the month of July 2007.

During the month of July we failed our TSS monthly avg. We believe that the brown alga in the lagoon is still causing our problem and we are continuing treatment with Cutrine algaecide.

If you have any questions concerning the attached DMRs, please contact me at (502)241-9093.

Sincerely,

John Kessel
Process Supervisor, East Region

JK/Timberlake 0707

Enclosures

cc: M. Mudd (DOW Louisville)
E. Brady
T. Singleton
P. Burgin
R. Shaw



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

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

NAME MSD TIMBERLAKE STP
ADDRESS C/O CEDAR CREEK STP
8405 CEDAR CREEK RD
LOUISVILLE KY 40211

FACILITY MSD TIMBERLAKE STP

LOCATION PROSPECT KY 40059

ATTN: DENNIS THOMASSON

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

KY0043087
PERMIT NUMBER

001 2
DISCHARGE NUMBER

MINOR
(SUBR LV)
F - FINAL
MUNICIPAL DISCHARGE
EFFLUENT

JEFFE

*** NO DISCHARGE [] ***

NOTE: Read Instructions before completing this form.

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
OXYGEN, DISSOLVED (DO)	SAMPLE MEASUREMENT				7.1				0	1/2	Grab
00300 1 0 0	PERMIT REQUIREMENT				INST MIN			MG/L			
EFFLUENT GROSS VALUE											
PH	SAMPLE MEASUREMENT				6.7		6.8		0	1/2	Grab
00400 1 0 0	PERMIT REQUIREMENT				MINIMUM		MAXIMUM	SU			
EFFLUENT GROSS VALUE											
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	120.00	145.72	(26)		236.00	200.00	(19)	0	1/2	Comp
00500 0 0 0	PERMIT REQUIREMENT	REPORT	REPORT			REPORT	REPORT	MG/L			
RAW SEW/INFLUENT		MO AVG	MX WK AV	LBS/DY		MO AVG	MX WK AV				
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	18.25	27.32	(26)		34.25	42.0	(19)	1	1/2	Comp
00530 1 0 0	PERMIT REQUIREMENT	50.0	75.0			30	45	MG/L			
EFFLUENT GROSS VALUE		MO AVG	MX WK AV	LBS/DY		MO AVG	MX WK AV				
NITROGEN, AMMONIA TOTAL (AS N)	SAMPLE MEASUREMENT	19.10	24.20	(26)		36.95	42.40	(19)	0	1/2	Comp
00610 0 0 0	PERMIT REQUIREMENT	REPORT	REPORT			REPORT	REPORT	MG/L			
RAW SEW/INFLUENT		MO AVG	MX WK AV	LBS/DY		MO AVG	MX WK AV				
NITROGEN, AMMONIA TOTAL (AS N)	SAMPLE MEASUREMENT	0.18	0.26	(26)		0.35	0.50	(19)	0	1/2	Comp
00610 1 1 0	PERMIT REQUIREMENT	3	5			2	5	MG/L			
EFFLUENT GROSS VALUE		MO AVG	MX WK AV	LBS/DY		MO AVG	MX WK AV				
PHOSPHORUS, TOTAL (AS P)	SAMPLE MEASUREMENT					2.47	3.76	(19)	0	2/1	Comp
00665 1 0 0	PERMIT REQUIREMENT					REPORT	REPORT	MG/L			
EFFLUENT GROSS VALUE						MO AVG	MX WK AV			MONTH	
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			
H.T. Schindler Exec. Director						500 241 9097		07 18 21			
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)

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 LOCATION PROSPECT KY 40059
 ATTN: DENNIS THOMASSEN

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
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KY0043087
 PERMIT NUMBER

001 2
 DISCHARGE NUMBER

MINDR
 (SUBR LV)
 F - FINAL
 MUNICIPAL DISCHARGE
 EFFLUENT
 *** NO DISCHARGE ***

JEFFR

MONITORING PERIOD							
FROM	YEAR	MO.	DAY	TO	YEAR	MO.	DAY
	07	07	01		07	07	01

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PARAMETER		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	0.070	0.136	(0.3)	*****	*****	*****		0	1/2	1/2
30050 1 0 0	PERMIT REQUIREMENT	REPORT	REPORT		*****	*****	*****	****		CONTIN	CONTIN
EFFLUENT GROSS VALUE		30DA AVG	DAILY MX	MGD				****		UDUS	
CHLORINE, TOTAL RESIDUAL	SAMPLE MEASUREMENT	*****	*****		*****	20.010	20.010	(17)	0	1/2	6.6
30060 1 0 0	PERMIT REQUIREMENT	*****	*****	****	*****	0.011	0.019			WEEKLY	GRAD
EFFLUENT GROSS VALUE				****		30DA AVG	DAILY MX	MG/L			
COLIFORM, FECAL GENERAL	SAMPLE MEASUREMENT	*****	*****		*****	1.19	2.0	(15)	0	1/2	6.6
74055 1 0 0	PERMIT REQUIREMENT	*****	*****	****	*****	200	400	*/		WEEKLY	GRAD
EFFLUENT GROSS VALUE				****		30DA GEO	7 DA GEO	100ML			
BOD, CARBONACEOUS 5 DAY, 20C	SAMPLE MEASUREMENT	165.62	176.02	(25)	*****	203.75	335.00	(17)	0	1/2	Comp
30082 0 0 0	PERMIT REQUIREMENT	REPORT	REPORT		*****	REPORT	REPORT			WEEKLY	COMPOS
RAW SEW/INFLUENT		MD AVG	MX WK AV	LBS/DY		MD AVG	MX WK AV	MG/L			
BOD, CARBONACEOUS 5 DAY, 20C	SAMPLE MEASUREMENT	1.65	1.95	(25)	*****	3.25	4.0	(17)	0	1/2	Comp
30082 1 0 0	PERMIT REQUIREMENT	17	25		*****	10	15			WEEKLY	COMPOS
EFFLUENT GROSS VALUE		MD AVG	MX WK AV	LBS/DY		MD AVG	MX WK AV	MG/L			
BOD, CARB-5 DAY, 20 DEG C, PERCENT REMVL	SAMPLE MEASUREMENT	*****	*****		*****	98%		(25)	0	1/31	Cal.
30091 K 0 0	PERMIT REQUIREMENT	*****	*****	****	*****	MD MIN	*****	PER-CENT		DWCE/	CALCUL
PERCENT REMOVAL				****						MONTH	
SOLIDS, SUSPENDED PERCENT REMOVAL	SAMPLE MEASUREMENT	*****	*****		*****	85%		(25)	0	1/31	Cal.
31011 K 0 0	PERMIT REQUIREMENT	*****	*****	****	*****	MD MIN	*****	PER-CENT		DWCE/	CALCUL
PERCENT REMOVAL				****						MONTH	
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H.J. Schauder Exec. Director							502 241 9693		07	08	21
TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT					AREA CODE	NUMBER	YEAR	MO	DAY

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