

MSD

Metropolitan Sewer District

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

November 18, 2010

Ms. Carolena Bentley
DMR Coordinator
200 Fair Oaks Lane
Frankfort, Kentucky 40601

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

Dear Ms. Bentley

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

There are no exceedences, overflow reports or bypass reports for this month.

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

Sincerely,



Richard W. Mills
Process Supervisor, East Region

RWM/Timberlake 1010

Enclosures

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



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

NAME: **TIMBERLAKE WQTC MSD**
 ADDRESS: **C/O CEDAR CREEK WQTC**
9405 CEDAR CREEK RD
LOUISVILLE KY 40211
 FACILITY: **TIMBERLAKE WQTC MSD**
 LOCATION: **PROSPECT KY 40059**
 ATTN: **DENNIS THOMASSON, SR. METRO DPS**

KY0049087
PERMIT NUMBER

001 2
DISCHARGE NUMBER

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

JEFFE

MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY
20	10	01		20	11	17

FROM

TO

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) 00300 1 0 0 EFFLUENT GROSS VALUE	*****	*****	*****		7	*****	*****	(17)	0	01/07	GR
	PERMIT REQUIREMENT	*****	*****	****	7	*****	*****	MG/L		WEEKLY	SPAD
PH 00400 1 0 0 EFFLUENT GROSS VALUE	*****	*****	*****		6.9	*****	7.2	(12)	0	01/07	GR
	PERMIT REQUIREMENT	*****	*****	****	6.0	*****	7.0	BU		WEEKLY	SPAD
SOLIDS, TOTAL SUSPENDED 00530 9 0 0 RAW SEW/INFLUENT	*****	*****	(26)		*****	301	420	(19)	0	01/07	CP
	PERMIT REQUIREMENT	REPORT	REPORT	LBS/DY	*****	REPORT	REPORT	MG/L		WEEKLY	LUMPS
		MO AVG	MX WK AV			MO AVG	MX WK AV				
SOLIDS, TOTAL SUSPENDED 00530 1 0 0 EFFLUENT GROSS VALUE	*****	*****	(26)		*****	9	20	(19)	0	01/07	CP
	PERMIT REQUIREMENT	50.0	75.0	LBS/DY	*****	30	45	MG/L		WEEKLY	LUMPS
		MO AVG	MX WK AV			MO AVG	MX WK AV				
NITROGEN, AMMONIA TOTAL (AS N) 00610 9 0 0 RAW SEW/INFLUENT	*****	*****	(26)		*****	38	42	(19)	0	01/07	CP
	PERMIT REQUIREMENT	REPORT	REPORT	LBS/DY	*****	REPORT	REPORT	MG/L		WEEKLY	LUMPS
		MO AVG	MX WK AV			MO AVG	MX WK AV				
NITROGEN, AMMONIA TOTAL (AS N) 00610 1 1 0 EFFLUENT GROSS VALUE	*****	*****	(26)		*****	0.3	0.3	(17)	0	01/07	CP
	PERMIT REQUIREMENT	3	5	LBS/DY	*****	2	3	MG/L		WEEKLY	LUMPS
		MO AVG	MX WK AV			MO AVG	MX WK AV				
PHOSPHORUS, TOTAL (AS P) 00665 1 0 0 EFFLUENT GROSS VALUE	*****	*****	*****		*****	0.44	0.60	(17)	0	01/07	CP
	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT	REPORT	MG/L		WEEKLY	LUMPS
		*****	*****	****		MO AVG	MX WK AV			MONTH	

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
 TYPED OR PRINTED
 H.J. Schardain Jr
 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.

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT
 Richard W. Mittle

TELEPHONE: 562 546-6000
 DATE: 10 11 17
 AREA CODE: 562
 NUMBER: 546-6000
 YEAR: 10
 MO: 11
 DAY: 17

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 OPS**

KY00043087
PERMIT NUMBER

001 2
DISCHARGE NUMBER

MINOR
(SUBR LV)
7 - FINAL
MUNICIPAL DISCHARGE
EFFLUENT
***** NO DISCHARGE () *****

MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY
10	02	01		10	02	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			
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	0.054	0.073	(03)	*****	*****	*****					
80050 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	REPORT - 30DA AVG	REPORT - DAILY MX	MGD	*****	*****	*****	****	****		CN CN
CHLORINE, TOTAL RESIDUAL	*****	*****		*****	<0.010	<0.010	(19)				GR
50060 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	*****	0.011	0.014	MG/L	30DA AVG	DAILY MX	WEEKLY
COLIFORM, FECAL GENERAL	*****	*****		*****	5	13	(13)				GR
74055 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	*****	200	400	100ML	30DA GED	7 DA GED	WEEKLY
BOD, CARBONACEOUS 05 DAY, 20C	162	311	(26)	*****	327	511	(19)				CP
80082 9 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	MD AVG	MX WK AV	WEEKLY
BOD, CARBONACEOUS 05 DAY, 20C	1	2	(26)	*****	3	4	(19)				CP
80082 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	17	25	LBS/DY	*****	10	15	MG/L	MD AVG	MX WK AV	WEEKLY
BOD, CARBONACEOUS 05 DAY, 20C	*****	*****		*****	99	*****	(23)				CA
80091 K 0 0 PERCENT REMOVAL	PERMIT REQUIREMENT	*****	*****	****	95	*****	*****	PER-CENT	NO MIN	*****	MONTH
SOLIDS, SUSPENDED PERCENT REMOVAL	*****	*****		*****	97	*****	(23)				CA
81011 K 0 0 PERCENT REMOVAL	PERMIT REQUIREMENT	*****	*****	****	95	*****	*****	PER-CENT	NO MIN	*****	MONTH

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
H. J. Schradin Jr.
 Exec. Director
 TYPED OR PRINTED

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Richard W. Mills
 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE: 512 546-6000
 DATE: 10 11 17
 AREA CODE: 512
 NUMBER: 546-6000
 YEAR: 10
 MO: 11
 DAY: 17

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

Timberlake

data

Date	Flow	Concentration			Pounds		
		TSS	BOD	NH3	TSS	BOD	NH3
10/1/2010	0.053						
10/2/2010	0.06						
10/3/2010	0.057	334	265	37	158.777	125.976	17.589
10/4/2010	0.06						
10/5/2010	0.052						
10/6/2010	0.047						
10/7/2010	0.048						
10/8/2010	0.048						
10/9/2010	0.056						
10/10/2010	0.041	272	333	42	93.008	113.866	14.361
10/11/2010	0.054						
10/12/2010	0.05						
10/13/2010	0.073						
10/14/2010	0.052						
10/15/2010	0.05						
10/16/2010	0.053						
10/17/2010	0.059	176	198	42	86.603	97.428	20.667
10/18/2010	0.058						
10/19/2010	0.048						
10/20/2010	0.046						
10/21/2010	0.044						
10/22/2010	0.048						
10/23/2010	0.064						
10/24/2010	0.063						
10/25/2010	0.065						
10/26/2010	0.073	420	511	32	255.704	311.107	19.482
10/27/2010	0.056						
10/28/2010	0.044						
10/29/2010	0.044						
10/30/2010	0.053						
10/31/2010							
Average	0.054	300.50	326.75	38.25	148.52	162.09	18.02
Maximum	0.073	420.00	511.00	42.00	255.70	311.11	20.67