



Louisville and Jefferson County Metropolitan Sewer District  
700 West Liberty Street  
Louisville Kentucky 40203-1911  
502-540-6000  
[www.msdlouky.org](http://www.msdlouky.org)

June 9, 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 – May 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 May 2010.

There are no exceedences, reports or bypass reports for this month.  
Included is a overflow report.

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

Sincerely,

D.J.Rheinlaender  
Process Supervisor, East Region

DJR/Timberlake 0510

Enclosures

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



Beneficial Use of Louisville's Biosolids  
[www.louisvillegreen.com](http://www.louisvillegreen.com)

NAME: **TIMBERLAKE WQTC MSD**  
 ADDRESS: **C/O CEDAR CREEK WQTC**  
**8405 CEDAR CREEK RD**  
**LOUISVILLE KY 40211**  
 FACILITY: **TIMBERLAKE WQTC MSD**  
 LOCATION: **PROSPECT KY 40057**  
 ATTN: **DENNIS THOMASSON, SR METRO OPS**

**KY0043087**  
**PERMIT NUMBER**

**001.2**  
**DISCHARGE NUMBER**

MINOR  
 (SUBR LV)  
 F - FINAL  
 MUNICIPAL DISCHARGE  
 EFFLUENT

JEFFS

MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY
10	05	01		10	05	01

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

NOTE: Read instructions before completing this form.

PARAMETER	SAMPLE MEASUREMENT / PERMIT REQUIREMENT	QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
OXYGEN, DISSOLVED (DO)	*****	*****			8	*****	*****	( 17 )		8/31	GR
00300 1 0 0 EFFLUENT GROSS VALUE	*****	*****	****	****	7	*****	*****	MG/L		WEEKLY	GRAD
FH	*****	*****			6.9	*****	*****	( 12 )		8/31	GR
00400 1 0 0 EFFLUENT GROSS VALUE	*****	*****	****	****	5.0	*****	7.0	MG/L		WEEKLY	GRAD
					MINIMUM		MAXIMUM	50			
SOLIDS, TOTAL SUSPENDED	*****	*****		( 26 )	*****	*****	*****	( 17 )		01/07	CP
00500 0 0 0 RAW SEW/INFLUENT	*****	*****	****	****	124	*****	*****	MG/L		WEEKLY	COMPL
					REPORT	REPORT	REPORT	MG/L			
					MO AVG	MX WK AV	MX WK AV	MG/L			
SOLIDS, TOTAL SUSPENDED	*****	*****		( 26 )	*****	*****	*****	( 17 )		01/07	CP
00530 1 0 0 EFFLUENT GROSS VALUE	*****	*****	****	****	8.6	*****	*****	MG/L		WEEKLY	COMPL
					50.0	*****	75.0	MG/L			
					MO AVG	MX WK AV	MX WK AV	MG/L			
NITROGEN, AMMONIA TOTAL (AS N)	*****	*****		( 26 )	*****	*****	*****	( 17 )		01/07	CP
00610 0 0 0 RAW SEW/INFLUENT	*****	*****	****	****	23	*****	*****	MG/L		WEEKLY	COMPL
					REPORT	REPORT	REPORT	MG/L			
					MO AVG	MX WK AV	MX WK AV	MG/L			
NITROGEN, AMMONIA TOTAL (AS N)	*****	*****		( 26 )	*****	*****	*****	( 17 )		01/07	CP
00610 1 1 0 EFFLUENT GROSS VALUE	*****	*****	****	****	0.5	*****	*****	MG/L		WEEKLY	COMPL
					3	*****	5	MG/L			
					MO AVG	MX WK AV	MX WK AV	MG/L			
PHOSPHORUS, TOTAL (AS P)	*****	*****		( 17 )	*****	*****	*****	( 17 )		01/07	CP
00665 1 0 0 EFFLUENT GROSS VALUE	*****	*****	****	****	0.39	*****	*****	MG/L		WEEKLY	COMPL
					REPORT	REPORT	REPORT	MG/L			
					MO AVG	MX WK AV	MX WK AV	MG/L			

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER  
 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.

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE  
 DATE  
 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: TIMBERLAKE WQTC MSD  
LOCATION: PROSPECT KY 40059  
ATTN: DENNIS THOMASSEN, SR METRO OPS

KY0043087  
PERMIT NUMBER

001 2  
DISCHARGE NUMBER

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

JEFFE

MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY
10	05	01	TO	10	05	01

NOTE: Read Instructions before completing this form.

PARAMETER	X	QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF AN. LYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	0.092	0.267	( CFS )	*****	*****	*****				CN
50050 I O O	PERMIT REQUIREMENT	REPORT	REPORT		*****	*****	*****	****			CONTINUOUS
EFFLUENT GROSS VALUE		30DA AVG	DAILY MX	MGD				****			UOUS
CHLORINE, TOTAL RESIDUAL	SAMPLE MEASUREMENT	*****	*****		*****	<0.010	<0.010	( 19 )			8/31 GR
50060 I O O	PERMIT REQUIREMENT	*****	*****	****	*****	0.011	0.019				WEEKLY GRAB
EFFLUENT GROSS VALUE				****		30DA AVG	DAILY MX	MG/L			
COLIFORM, FECAL GENERAL	SAMPLE MEASUREMENT	*****	*****		*****	3	13	( 15 )			01/07 GR
74055 I O O	PERMIT REQUIREMENT	*****	*****	****	*****	200	400	#/			WEEKLY GRAB
EFFLUENT GROSS VALUE				****		30DA GEO	7 DA GEO	100ML			
BOD, CARBONACEOUS 05 DAY, 20C	SAMPLE MEASUREMENT	154	186	( 25 )	*****	238	319	( 19 )			01/07 CP
80082 G O O	PERMIT REQUIREMENT	REPORT	REPORT		*****	REPORT	REPORT				WEEKLY COMPO
RAW SEW/INFLUENT		MO AVG	MX WK AV	LBS/DY		MO AVG	MX WK AV	MG/L			
BOD, CARBONACEOUS 05 DAY, 20C	SAMPLE MEASUREMENT	2	4	( 25 )	*****	3	5	( 19 )			01/07 CP
80082 I O O	PERMIT REQUIREMENT	17	25		*****	10	15				WEEKLY COMPO
EFFLUENT GROSS VALUE		MO AVG	MX WK AV	LBS/DY		MO AVG	MX WK AV	MG/L			
BOD, CARB-5 DAY, 20 DEG C, PERCENT REMVL	SAMPLE MEASUREMENT	*****	*****		99	*****	*****	( 25 )			01/31 CA
80091 K O O	PERMIT REQUIREMENT	*****	*****	****	85	*****	*****	PER-			ONCE/ MONTH
PERCENT REMOVAL				****	MO MIN			CENT			
SOLIDS, SUSPENDED PERCENT REMOVAL	SAMPLE MEASUREMENT	*****	*****		93	*****	*****	( 25 )			01/31 CA
81011 K O O	PERMIT REQUIREMENT	*****	*****	****	85	*****	*****	PER-			ONCE/ MONTH
PERCENT REMOVAL				****	MO MIN			CENT			

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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.

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE  
DATE  
AREA CODE NUMBER YEAR MO DAY

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

Timberlake

data

Date	Flow	INFLUENT Concentration			Pounds		
		TSS	BOD	NH3	TSS	BOD	NH3
5/1/2010	0.133						
5/2/2010	0.267						
5/3/2010	0.137						
5/4/2010	0.089	96	114	31.36	71.257	84.618	23.277
5/5/2010	0.123						
5/6/2010	0.137						
5/7/2010	0.135						
5/8/2010	0.076						
5/9/2010	0.068						
5/10/2010	0.087						
5/11/2010	0.088	216	254	48	158.527	186.416	35.228
5/12/2010	0.081						
5/13/2010	0.081						
5/14/2010	0.076						
5/15/2010	0.073						
5/16/2010	0.091						
5/17/2010	0.082						
5/18/2010	0.073	200	263	32.14	121.764	160.120	19.567
5/19/2010	0.069						
5/20/2010	0.07						
5/21/2010	0.077						
5/22/2010	0.081						
5/23/2010	0.076						
5/24/2010	0.072						
5/25/2010	0.069	248	319	26.32	142.714	183.572	15.146
5/26/2010	0.069						
5/27/2010	0.067						
5/28/2010	0.071						
5/29/2010	0.078						
5/30/2010	0.079						
5/31/2010	0.074						
Average	0.092	190.00	237.50	34.46	123.57	153.68	23.30
Maximum	0.267	248.00	319.00	48.00	158.53	186.42	35.23





Report Selections: Excluding PPI, CSO, Result: WUS, Act Code: DISDW, DISREV, DISSUS

KPDES # KY0043087	Facility ID MSD0293	Water Quality Treatment Center TIMBERLAKE	Receiving Stream of Treatment Center HARRODS CREEK	Region EAST
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Facility Type SMH Sewer Manhole	Facility ID 45559	Facility Address 7 HARRODS LANDING DR	If Pump Station, Name of Pump Station:	Receiving Stream HARRODS CREEK	Discharge to GROUND
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Activity Code / Description	WO #	Initiated	Initiated By	Assigned To	Disch Status	Event Date	Problem	Result	Completed	Condition
DISDW: DRY WEATHER DISCHARGE	1069608	05/11/10 10:20 AM	MARKS JR	JANSHESKI	REPAIRED - ISSUE RESOLVED	05/11/10	UTILITY DAMAGED MSD ASSET	UNAUTHORIZED DISCHARGE - WATERS	05/11/10 10:40 AM	

**Spot Inspections:**

Discharge Amount:	3,500 GAL
Cause:	POOL COMPANY OPENED MANHOLE TO EMPTY POOL CAUSING DISCHARGE
Clean Up:	POOL COMPANY CLEANED AREA
Control Zone:	AREA IS TAPED OFF AND SIGNS ARE POSTED
Impact:	SEWAGE ON THE GROUND
Repair:	STOPPED POOL COMPANY AND HAULED STATION TILL HIGH WET WELL CLEARED

**Notifications:**

05/11/10 01:40 PM	DISPUB	msd informed public in person and with signs in the area
05/11/10 01:00 PM	DISNOT	Email notification of unauthorized discharge sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov



Report Selections: Excluding PPI, CSO, Result: WUS, Act Code: DISDW, DISREV, DISSUS

KPDES # KY0043087 (Cont'd)	Facility ID MSD0293	Water Quality Treatment Center TIMBERLAKE	Receiving Stream of Treatment Center HARRODS CREEK	Region EAST
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Facility Type SMH Sewer Manhole	Facility ID 45571	Facility Address 3001 HARRODS LANDING DR	If Pump Station, Name of Pump Station:	Receiving Stream HARRODS CREEK	Discharge to GROUND
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Activity Code / Description	WO #	Initiated	Initiated By	Assigned To	Disch Status	Event Date	Problem	Result	Completed	Condition
DISDW: DRY WEATHER DISCHARGE	1069605	05/11/10 10:20 AM	MARKS JR	JANSHESKI	REPAIRED - ISSUE RESOLVED	05/11/10	UTILITY DAMAGED MSD ASSET	UNAUTHORIZED DISCHAGE - WATERS	05/11/10 10:40 AM	

**Spot Inspections:**

Discharge Amount	3,500 GAL
Cause:	POOL COMPANY OPENED MANHOLE TO EMPTY POOL CAUSING DISCHARGE
Clean Up:	POOL COMPANY IS CLEANING AREA
Control Zone:	AREA TAPED OFF AND SIGNS POSTED
Impact:	SEWAGE ON THE GROUND
Repair:	STOPPED POOL COMPANY FROM DISCHARGEING AND HAULED STATION TILL HIGH WET WELL CLEARED

**Notifications:**

05/11/10 01:22 PM	DISPUB	msd notified public by talking to home owners and updating web site and posting signs
05/11/10 01:00 PM	DISNOT	Email notification of unauthorized discharge sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov