



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)

August 11, 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 July 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 July 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,

A handwritten signature in black ink that reads "Kevin Thompson". The signature is fluid and cursive, with the first name "Kevin" being more prominent than the last name "Thompson".

Kevin Thompson  
Process Supervisor, East Region

RM/ Timber Lake 7.11

Enclosures

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



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

NAME: THOMAS W. WATSON  
 ADDRESS: 670 CEDAR CREEK RD, 6808 CEDAR CREEK RD, LOUISVILLE, KY 40211  
 FACILITY: LICKERLAKE WWTG #001  
 LOCATION: PROSPECT, KY 40059  
 WITH: DENNIS THOMASSON, SR. METRO OPS

PERMIT NUMBER: KY00-0057  
 DISCHARGE NUMBER: 0012

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

MONITORING PERIOD						
YEAR	MO.	DAY	TO	YEAR	MO.	DAY

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			
DISSOLVED OXYGEN (DO)					7.0					1/1	GR
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT				INST MIN			MG/L			
EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT				6.9		7.3			1/1	GR
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT				MINIMUM		MAXIMUM	MG/L			
TOTAL SUSPENDED SOLIDS (TSS) RAW SW/INFLUENT	SAMPLE MEASUREMENT	405	653			774	1284			1/7	CP
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	NO AVG	MAX WK AV	LBS/DY		NO AVG	MAX WK AV	MG/L			
TOTAL SUSPENDED SOLIDS (TSS) EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	7.8	15.9			14	28			1/7	CP
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	NO AVG	MAX WK AV	LBS/DY		NO AVG	MAX WK AV	MG/L			
NITROGEN, AMMONIA TOTAL (AS N) RAW SW/INFLUENT	SAMPLE MEASUREMENT	15	16			29	30			1/7	CP
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	NO AVG	MAX WK AV	LBS/DY		NO AVG	MAX WK AV	MG/L			
NITROGEN, AMMONIA TOTAL (AS N) EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	0.2	0.4			0.4	0.7			1/7	CP
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	NO AVG	MAX WK AV	LBS/DY		NO AVG	MAX WK AV	MG/L			
PHOSPHORUS, TOTAL (AS P) EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT					0.84	1.3			1/7	CP
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT					NO AVG	MAX WK AV	MG/L		MONTH	

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER  
 H. J. Schardain 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.

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT  
 Ken Brown

TELEPHONE: 502 546-6000  
 DATE: 11 08 15  
 AREA CODE: 502 NUMBER: 546-6000 YEAR: 11 MO: 08 DAY: 15

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

NAME WATER LAKE WQTS MSD  
 ADDRESS 670 CEDAR CREEK WQTC  
 6415 CEDAR CREEK RD  
 LOUISVILLE KY 40212  
 FACILITY TREATMENT WQTC MSD  
 LOCATION PROSPECT KY 40059  
 AITH DENNIS THOMASSON SR METRO SPS

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

XY0043067  
 PERMIT NUMBER  
 CUI 2  
 DISCHARGE NUMBER

MINOR  
 (SEWER LV.)  
 F - FINAL  
 MUNICIPAL DISCHARGE  
 EFFLUENT  
 \*\*\* NO DISCHARGE \*\*\*

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

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			
FLOW IN CONDUIT OR THRU TREATMENT PLANT											
EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	0.065	0.080						0	CN	CN
	PERMIT REQUIREMENT	300A AVG	DAILY MAX	MGD						NONE	
CHLORINE, TOTAL RESIDUAL						20.010	20.010		0	1/1	GR
EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT								0		
	PERMIT REQUIREMENT					300A AVG	DAILY MAX	MG/L			
CHLORINE, TOTAL GENERAL						4	72		0	1/7	GR
EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT								0		
	PERMIT REQUIREMENT					300A GED	7 DA GED	100GAL			
COBALTIN, TOTAL									0	1/7	CP
EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	141	189			21.6	371		0	1/7	CP
	PERMIT REQUIREMENT	NO AVG	MX WK AV	LB5/DY		NO AVG	MX WK AV	MG/L			
COBALTIN, TOTAL									0	1/7	CP
EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	2	3			3	5		0	1/7	CP
	PERMIT REQUIREMENT	NO AVG	MX WK AV	LB5/DY		NO AVG	MX WK AV	MG/L			
COBALTIN, TOTAL									0	1/31	CA
EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT				99				0	1/31	CA
	PERMIT REQUIREMENT				NO MIN					MONTH	
COBALTIN, TOTAL									0	1/31	CA
EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT				98				0	1/31	CA
	PERMIT REQUIREMENT				NO MIN					MONTH	

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER  
 H.S. Schardein 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.

*Kenn Thompson*  
 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE: 502 540-6000  
 DATE: 11 08 15  
 AREA CODE: 502 NUMBER: 540-6000 YEAR: 11 MO: 08 DAY: 15

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

Timberlake

Date	Flow	INFLUENT Concentration			TSS	Pounds	
		TSS	BOD	NH3		BOD	NH3
7/1/2011	0.064						
7/2/2011	0.069						
7/3/2011	0.064						
7/4/2011	0.068	94	168	26	53.309	95.276	14.745
7/5/2011	0.062						
7/6/2011	0.062						
7/7/2011	0.063						
7/8/2011	0.075						
7/9/2011	0.064						
7/10/2011	0.062						
7/11/2011	0.066	494	236	29	271.917	129.904	15.963
7/12/2011	0.08						
7/13/2011	0.061						
7/14/2011	0.053						
7/15/2011	0.057						
7/16/2011	0.067						
7/17/2011	0.07						
7/18/2011	0.063	1224	289	29	643.114	151.846	15.237
7/19/2011	0.065						
7/20/2011	0.077						
7/21/2011	0.062						
7/22/2011	0.063						
7/23/2011	0.064						
7/24/2011	0.066						
7/25/2011	0.061	1284	371	30	653.222	188.743	15.262
7/26/2011	0.079						
7/27/2011	0.058						
7/28/2011	0.06						
7/29/2011	0.061						
7/30/2011	0.061						
7/31/2011	0.059						
Average	0.065	774.00	266.00	28.50	405.39	141.44	15.30
Maximum	0.080	1284.00	371.00	30.00	653.22	188.74	15.96

