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

April 9, 2013

Cheryl Edwards
DMR Coordinator
200 Fair Oaks Lane
Frankfort, Kentucky 40601

Re: MSD Metro Operations
Timber Lake WQTC; KPDES No.: KY 0043087
Discharge Monitoring Report for March of 2013

Dear Ms. Edwards:

Attached are the Discharge Monitoring Reports (DMRs) and the Monthly Operator Report (MOR) for the Timber Lake WQTC; KPDES No.: KY0043087 for the month of March 2013

There were no exceedences, bypasses or overflows to report.

If you have any questions concerning the attached DMRs, please contact me at (502) 587-5832.

Sincerely,

Richard Mills

Richard Mills
Process Supervisor of Metro Operations

RM/ Timber Lake 03/13

Enclosures

CC T. Singleton
R. Shaw

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

Form Approved
OMB No. 2040-0004

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

NAME: CEDAR CREEK WQTC
ADDRESS: 8405 CEDAR CREEK RD
LOUISVILLE, KY 40211
FACILITY: TIMBERLAKE WQTC MSD
LOCATION: 5504 TIMBER RIDGE RD
PROSPECT, KY 40059

ATTN: KEVIN RIES

KY0043087	001-2
PERMIT NUMBER	DISCHARGE NUMBER

MONITORING PERIOD			
	MM/DD/YYYY		MM/DD/YYYY
FROM	03/01/2013	TO	03/31/2013

DMR Mailing ZIP CODE: 40211
MINOR
(SUBR LV) JEFFE
MUNICIPAL DISCHARGE
External Outfall

No Discharge ☐

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS			
Oxygen, dissolved (DO) 00300 1 0 Effluent Gross	SAMPLE MEASUREMENT	******	******	******	10	******	******		0	1/1	GR
	PERMIT REQUIREMENT	******	******	******	7 INST MIN	******	******	mg/L		Weekly	GRAB
pH 00400 1 0 Effluent Gross	SAMPLE MEASUREMENT	******	******	******	8	******	9		0	1/1	GR
	PERMIT REQUIREMENT	******	******	******	6 MINIMUM	******	9 MAXIMUM	SU		Weekly	GRAB
Solids, total suspended 00530 1 0 Effluent Gross	SAMPLE MEASUREMENT	11	17		******	12	17		0	1/7	CP
	PERMIT REQUIREMENT	50 30DA AVG	75 DAILY MX	lb/d	******	30 30DA AVG	45 DAILY MX	mg/L		Weekly	COMP24
Nitrogen, total 00600 1 0 Effluent Gross	SAMPLE MEASUREMENT	******	******	******	******	19	23		0	1/7	CP
	PERMIT REQUIREMENT	******	******	******	******	Req. Mon. 30DA AVG	Req. Mon. DAILY MX	mg/L		Weekly	COMP24
Nitrogen, ammonia total (as N) 00610 1 1 Effluent Gross	SAMPLE MEASUREMENT				******						
	PERMIT REQUIREMENT	3.3 30DA AVG	5 DAILY MX	lb/d	******	2 30DA AVG	3 DAILY MX	mg/L		Weekly	COMP24
Nitrogen, ammonia total (as N) 00610 1 2 Effluent Gross	SAMPLE MEASUREMENT	0.3	0.4		******	0.4	0.5		0	1/7	CP
	PERMIT REQUIREMENT	8.3 30DA AVG	12.5 DAILY MX	lb/d	******	5 30DA AVG	7.5 DAILY MX	mg/L		Weekly	COMPOS
Phosphorus, total (as P) 00665 1 0 Effluent Gross	SAMPLE MEASUREMENT	******	******	******	******	0.3	0.5		0	1/7	CP
	PERMIT REQUIREMENT	******	******	******	******	1 30DA AVG	2 DAILY MX	mg/L		Weekly	COMPOS

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER			TELEPHONE		DATE
Greg Heitzman 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.	Richard Miller	502-540-6000		04/23/2013
TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA Code	NUMBER	MM/DD/YYYY

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)
Parameter 00610 - Use Season 1 for summer months (May, June, July, August, September, and October) and Season 2 for winter months (November, December, January, February March, and April); enter NODI=9 for the Season not needed.

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
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		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS			
Flow, in conduit or thru treatment plant	SAMPLE MEASUREMENT	0.109	0.198		******	******	******	******	0	CN	CN
50050 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. 30DA AVG	Req. Mon. INST MAX	MGD	******	******	******	******		Weekly	CONTIN
Chlorine, total residual	SAMPLE MEASUREMENT	******	******	******	******	<0.010	<0.010		0	1/1	GR
50060 1 0 Effluent Gross	PERMIT REQUIREMENT	******	******	******	******	.011 30DA AVG	.019 DAILY MX	mg/L		Weekly	GRAB
E. coli	SAMPLE MEASUREMENT	******	******	******	******	3	6		0	1/7	GR
51040 1 0 Effluent Gross	PERMIT REQUIREMENT	******	******	******	******	130 30DA GEO	240 7 DA GEO	#/100mL		Weekly	GRAB
BOD, carbonaceous, 05 day, 20 C	SAMPLE MEASUREMENT	2.9	6		******	3	5		0	1/7	CP
80082 1 0 Effluent Gross	PERMIT REQUIREMENT	16.7 30DA AVG	25 DAILY MX	lb/d	******	10 30DA AVG	15 DAILY MX	mg/L		Weekly	COMP24

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Timberlake

Timberlake		Report for	**Mar-13**		Tot. Exc.=	0	#DIV/0!			
Tot. Flow=	3.37785		Concentrations					Pounds		
Date	Flow	TSS	BOD	NH3	ECOLI	TSS	BOD	NH3	Tot. Phos.	Tot. N
3/1/13	0.089									
3/2/13	0.107									
3/3/13	0.103									
3/4/13	0.082	17	3	0.39		11.612	2.049	0.266	0.286	22.610
3/5/13	0.083				6					
3/6/13	0.108									
3/7/13	0.102									
3/8/13	0.079									
3/9/13	0.108									
3/10/13	0.121									
3/11/13	0.148	14	5	0.34		17.318	6.185	0.421	0.541	17.210
3/12/13	0.124				5					
3/13/13	0.111									
3/14/13	0.098									
3/15/13	0.109									
3/16/13	0.107									
3/17/13	0.134									
3/18/13	0.198									
3/19/13	0.128									
3/20/13	0.094									
3/21/13	0.096	11	2	0.45	1	8.771	1.595	0.359	0.294	17.410
3/22/13	0.098									
3/23/13	0.099									
3/24/13	0.120									
3/25/13	0.110	7	2	0.34		6.434	1.838	0.313	0.262	18.810
3/26/13	0.107				4					
3/27/13	0.105									
3/28/13	0.100									
3/29/13	0.105									
3/30/13	0.104									
3/31/13	0.100									
Average	0.109	12	3	0.4	3.31	11	2.917	0.34	0.3	19.01
Maximum	0.198	17	5	0.5	6.00	17	6.185	0.4	0.5	22.61
Exceed.	0	0	0	0	0	0	0	0	0	0