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

March 20, 2011

Ms. Crystal Thompson
Kentucky Division of Water
200 Fair Oaks Lane, 4th Floor
Frankfort, Kentucky 40601

Re: MSD Metro Operations
Lake Forest WQTC (aka Chenoweth Run WQTC)
KPDES No.: KY0042226
Discharge Monitoring Reports – February 2011

Dear Ms. Thompson:

Attached is the Discharge Monitoring Reports (DMRs) and the Monthly Operating Report (MOR) for the Lake Forest WQTC (aka Chenoweth Run WQTC), KPDES No.: KY0042226 for the month of February 2011.

There were no exceedences, bypass or overflow reports.

If you have any questions concerning the attached DMR's, please contact me at (502) 239-7574.

Sincerely,

Duane V. Wright

Duane V. Wright
Process Supervisor Central Region

DVW/ Lake Forest 2.11

Enclosures

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

PERMITTEE NAME/ADDRESS *(Include Facility Name/Location if Different)*
NAME CHENOWETH RUN WQTC
ADDRESS C/O CEDAR CREEK WQTC
8405 CEDAR CREEK RD
LOUISVILLE KY 40211
FACILITY CHENOWETH RUN WQTC
LOCATION LOUISVILLE KY 40223
ATTN: DENNIS THOMASSON, SR METRO DPS

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

KY0042226 — PERMIT NUMBER
001 E — DISCHARGE NUMBER

MONITORING PERIOD

	YEAR	MO	DAY		YEAR	MO	DAY
FROM	11	02	01	TO	11	02	28

Form Approved.
OMB No. 2040-0004

MINOR
(SUBR LV)
F - FINAL
SANITARY WASTEWATER
EFFLUENT
*** NO DISCHARGE [ ] ***

JEFFE

NOTE: Read Instructions before completing this form.

PARAMETER		QUANTITY OR LOADING AVERAGE	QUANTITY OR LOADING MAXIMUM	QUANTITY OR LOADING UNITS	QUALITY OR CONCENTRATION MINIMUM	QUALITY OR CONCENTRATION AVERAGE	QUALITY OR CONCENTRATION MAXIMUM	QUALITY OR CONCENTRATION UNITS	NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
OXYGEN, DISSOLVED (DO)	SAMPLE MEASUREMENT	******	******		8	******	******	(17)	0	01/07	GR
00300 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	******	******	**** ****	7 INST MIN	******	******	MG/L		WEEKLY	GRAB
PH	SAMPLE MEASUREMENT	******	******		7.0	******	7.1	(12)	0	01/07	GR
00400 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	******	******	**** ****	6.0 MINIMUM	******	9.0 MAXIMUM	SU		WEEKLY	GRAB
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	27	40	(26)	******	9	12	(17)	0	01/07	CP
00530 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	118 30DA AVG	236 DAILY MX	LBS/DY	******	30 30DA AVG	60 DAILY MX	MG/L		WEEKLY	COMPOS
NITROGEN, AMMONIA TOTAL (AS N)	SAMPLE MEASUREMENT	0.7	0.9	(26)	******	0.2	0.3	(17)	0	01/07	CP
00610 1 2 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	19.6 30DA AVG	37.2 DAILY MX	LBS/DY	******	5 30DA AVG	10 DAILY MX	MG/L		WEEKLY	COMPOS
PHOSPHORUS, TOTAL (AS P)	SAMPLE MEASUREMENT	******	******		******	3.2	4.2	(17)	0	01/07	CP
00665 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	******	******	**** ****	******	REPORT 30DA AVG	REPORT DAILY MX	MG/L		WEEKLY	COMPOS
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	0.448	1.345	(03)	******	******	******		0	CN	CN
50050 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	REPORT 30DA AVG	REPORT INST MAX	MGD	******	******	******	**** ****		CONTINUOUS	CONTIN UOUS
CHLORINE, TOTAL RESIDUAL	SAMPLE MEASUREMENT	******	******		******	<0.010	<0.010	(17)	0	01/07	GR
50060 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	******	******	**** ****	******	0.011 30DA AVG	0.019 DAILY MX	MG/L		WEEKLY	GRAB

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER		TELEPHONE	DATE		
H.J. SCHARDEIN, JR.			YEAR	MO	DAY
EXECUTIVE DIRECTOR		502 5456000	11	3	21
TYPED OR PRINTED	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA CODE / NUMBER			

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.

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

PERMITTEE NAME/ADDRESS *(Include Facility Name/Location if Different)*
NAME CHENOWETH RUN WWTC
ADDRESS C/O CEDAR CREEK WWTC
8405 CEDAR CREEK RD
LOUISVILLE KY 40211
FACILITY CHENOWETH RUN WWTC
LOCATION LOUISVILLE KY 40223
ATTN: DENNIS THOMASSON, SR METRO OPS

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

Form Approved.
OMB No. 2040-0004

KY0042226 — PERMIT NUMBER
001 2 — DISCHARGE NUMBER

MONITORING PERIOD

	YEAR	MO	DAY		YEAR	MO	DAY
FROM	11	02	01	TO	11	02	28

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

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COLIFORM, FECAL GENERAL 74055 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	******	******		******	1	2	(13)	0	01/07	GR
	PERMIT REQUIREMENT	******	******	*** ***	******	200 30DA GEO	400 7 DA GEO	#/ 100ML		WEEKLY	GRAB
BOD, CARBONACEOUS 05 DAY, 20C 80082 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	13.5	20.1	(26)	******	4	6	(19)	0	01/07	CP
	PERMIT REQUIREMENT	39.2 30DA AVG	78.4 DAILY MX	LBS/DY	******	10 30DA AVG	20 DAILY MX	MG/L		WEEKLY	CONTIUS
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
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	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
H.J. SCHARDEIN, JR
EXECUTIVE DIRECTOR
TYPED OR PRINTED

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Diane V Wright
SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE: AREA CODE 502, NUMBER 5410000
DATE: YEAR 11, MO 2, DAY 21

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

LAKE FOREST Report for **Jan-01** Tot. Exc.= 0

Tot. Flow= 12.534

Date	Flow	Concentrations TSS	BOD	NH3	Fecal	Pounds TSS	BOD	NH3	Conc. T Phos
1/1/01	0.426	10	5	0.22		35.528	17.764	0.782	2.87
1/2/01	0.615				1				
1/3/01	0.413								
1/4/01	0.368								
1/5/01	0.412								
1/6/01	0.409								
1/7/01	0.406								
1/8/01	0.402	12	6	0.22	2	40.232	20.116	0.738	2.64
1/9/01	0.403								
1/10/01	0.383								
1/11/01	0.378								
1/12/01	0.36								
1/13/01	0.371								
1/14/01	0.335								
1/15/01	0.315	8	4	0.17	1	21.017	10.508	0.447	3.27
1/16/01	0.316								
1/17/01	0.31								
1/18/01	0.314								
1/19/01	0.332								
1/20/01	0.354								
1/21/01	0.33								
1/22/01	0.324	4	2	0.34		10.809	5.404	0.919	4.15
1/23/01	0.315								
1/24/01	0.389				1				
1/25/01	1.345								
1/26/01	0.844								
1/27/01	0.675								
1/28/01	0.69								
1/29/01									
1/30/01									
1/31/01									
Average	0.448	8.50	4.25	0.24	1.19	26.90	13.45	0.72	3.23
Maximum	1.345	12.00	6.00	0.34	2.00	40.23	20.12	0.92	4.15