



MSD

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

December 20, 2007

Ms. Kathy Thurman
Kentucky Division of Water
14 Reilly Road
Frankfort, Kentucky 40601

**Re: MSD Metro Operations
Lake Forest WTP (aka Chenoweth Run WTP)
KPDES No.: KY0042226
Discharge Monitoring Reports – November 2007**

Dear Ms. Thurman:

Attached is the Discharge Monitoring Reports (DMRs) for the Lake Forest WTP (aka Chenoweth Run WTP), KPDES No.: KY0042226 for the month of November 2007.

If you have any questions concerning the attached DMRs, please contact me at (502)241-9093.

Sincerely,

John Kessel
Process Supervisor, East Region

JMK/ Lake Forest 1107

Enclosures

cc: C. Roth (DOW Louisville)
E. Brady
T. Singleton
P. Burgin
R. Shaw



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

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

LAME LAKE FOREST MSD
 ADDRESS LOUISVILLE/JEFF MSD
 700 W LIBERTY ST
 LOUISVILLE KY 40203

ACTIVITY LAKE FOREST MSD
 LOCATION LOUISVILLE KY 40220
 CONTACT H J SCHARDEIN JR. EXEC DIR

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

PERMIT NUMBER KY0042224
 DISCHARGE NUMBER DCI 2

PINDR (SUBR LV)
 F - FINAL
 SANITARY WASTEWATER

Form Approved OMB No. 2040-0004

MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY
07	11	01		07	11	30

*** NO DISCHARGE ***

NOTE: Read instructions before completing this form.

PARAMETER	QUANTITY OR LOADING	QUALITY OR CONCENTRATION			NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE				
		AVERAGE	MAXIMUM	UNITS				MINIMUM	AVERAGE	MAXIMUM	UNITS
AMBIENT DISSOLVED (DO)	SAMPLE MEASUREMENT	*****	*****		7.0	*****	*****	(17)	0	1/4	C ₁
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	*****	INST MIN	*****	*****	MG/L			
EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		6.3	*****	6.3	(12)	6	1/2	C ₁
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	*****	MINIMUM	*****	MAXIMUM	MG/L			
SUSPENDED SOLIDS	SAMPLE MEASUREMENT	10.24	14.47	(26)	*****	4.50	5.0	(19)	0	1/2	C ₁
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	30DA AVG	DAILY MX	LBS/DY	*****	30	50	MG/L			
TOTAL AMMONIA NITROGEN	SAMPLE MEASUREMENT	1.89	4.37	(26)	*****	0.74	1.51	(19)	0	1/2	C ₁
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	30DA AVG	DAILY MX	LBS/DY	*****	5	10	MG/L			
TOTAL PHOSPHORUS	SAMPLE MEASUREMENT	*****	*****		*****	2.90	4.07	(19)	0	1/2	C ₁
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	*****	*****	REPORT	REPORT	MG/L			
IN COMPLETION OF WASTE TREATMENT PLANT	SAMPLE MEASUREMENT	0.356	0.658	(03)	*****	*****	*****	*****	0	1/2	C ₁
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	30DA AVG	INST MAX	MG/L	*****	*****	*****	*****			
TOTAL NITROGEN	SAMPLE MEASUREMENT	*****	*****		*****	< 0.010	< 0.010	(19)	0	1/4	C ₁
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	*****	*****	0.011	0.019	MG/L			

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

Exec Director
 H J Schardein Jr
 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)

Dec 31, 2007 2:08PM

No. 6977 P. 2

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

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)
NAME: LAKE FOREST MSD
ADDRESS: LOUISVILLE/JEFF MSD
700 W LIBERTY ST
LOUISVILLE KY 40203
FACILITY: LAKE FOREST MSD
LOCATION: LOUISVILLE KY 40223
ATTN: H J SCHARDEIN JR, EXEC DIR

KY0042226
PERMIT NUMBER
0012
DISCHARGE NUMBER

MINOR
(SUBR LV)
F - FINAL
SANITARY WASTEWATER

JEFFE

MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY
07	11	01		07	11	30

*** NO DISCHARGE 1 ***

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			
COLIFORM, FECAL GENERAL		*****	*****		*****	3.10	96.0	(13)	0	1/7	Gr.b
74055 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	****	*****	200	400 #/			WEEKLY	GRAB
800 DA GED	PERMIT REQUIREMENT	*****	*****	****	*****	300 DA GED	7 DA GED	100ML			
BOD, CARBONACEOUS 05 DAY, 20C	SAMPLE MEASUREMENT	4.21	5.79	(26)	*****	1.75	2.0	(19)	0	1/7	Comp
80082 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	39.2	78.4		*****	10	20			WEEKLY	COMPOS
	SAMPLE MEASUREMENT	300A AVG	DAILY MX	LBS/DY		300A AVG	DAILY MX	MG/L			
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
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	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
Exec Director
H.J. Schardein
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SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE		DATE		
902	241 5093	07	12	14
AREA CODE	NUMBER	YEAR	MO	DAY

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



MSD Louisville and Jefferson County
Metropolitan Sewer District

IMSAST0004
Discharge Report

Nov 01, 2007 12:00 AM thru Nov 30, 2007 11:59 PM

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

KPDES #	Facility ID	Treatment Plant Name	Receiving Stream of Treatment Plant	Region					
KY0042226	MSD0403	LAKE FOREST	CHENOWETH RUN	EAST					
Facility Type	Facility ID	Facility Address	If Pump Station, Name of Pump Station:	Receiving Stream	Discharge to				
SPL Sewer Treatment Plant	MSD0403	14000 BECKLEY TRCE		CHENOWETH RUN	GROUND				
Activity Code / Description	WO #	Initiated	Initiated By	Assigned To	Disch Stat	Event Date	Problem	Resolution	Completed
DISDW DRY WEATHER DISCHARGE	722705	11/16/07 10:20 AM	MARKS JR	COOMER	D	05/20/05	BYPASS AT TREATMENT PLANT	DISCHARGE TO WATERS OF THE JS	11/16/07 10:50 AM

Spot Inspections:

Discharge Amount:	300 GAL
Cause:	#3 PLT WASTE VALVE FOUND OPEN
Clean Up:	AREA WASHED DOWN
Control Zone:	SIGNS POSTED AREA TAPED OFF
Impact:	NO DISCOLORATION OF STREAM ONLY SUPERNATE DISCHARGED
Repair:	CLOSED WASTE VALVE AND OVERFLOW STOPPED

Notifications:

11/16/07 10:20 AM	Digester overflow, Supernate from rust hole due to #3 plt waste valve found open. Clean water (supernate) went to stream no solids.
11/16/07 12:59 PM	Email notification of unauthorized discharge sent to Harkins.John@epa.gov, oppo.ert@ky.gov and bradley.kcours@ky.gov

Total Facilities Printed: 3

No. 6883 P. 1

Dec. 19. 2007 2:06PM