



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

October 21, 2009

Ms. Carolena Bentley
Kentucky Division of Water
200 Fair Oaks Lane
Frankfort, Kentucky 40601

**Re: MSD Metro Operations
McNeely Lake WQTC; KPDES No.: KY0029416
Discharge Monitoring Reports – September 2009.**

Dear Ms. Bentley:

Attached are the Discharge Monitoring Reports (DMRs) and the Monthly Operating Report (MOR) for the McNeely Lake WQTC, KPDES No.: KY0029416 for the month of September 2009.

If you have any questions concerning the attached DMRs, please contact me at (502)540-6031.

Sincerely,

A handwritten signature in black ink, appearing to read "John Kessel", written over a series of horizontal lines.

John Kessel
Process Supervisor West Operations

JMK/McNeely 0909

Enclosures

cc: T. Singleton
R. Shaw
C. Roth



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

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

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

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

KY0027416
PERMIT NUMBER

001 1
DISCHARGE NUMBER

MINOR (SUBR LV)
F - FINAL JEFFE
SANITARY WASTEWATER EFFLUENT
*** NO DISCHARGE [] ***
NOTE: Read Instructions before completing this form.

MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY
09	07	01		09	07	30

PARAMETER	SAMPLE MEASUREMENT	QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
OXYGEN, DISSOLVED (DO)	7	*****	*****		7	*****	*****	(19)			
00300 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	*****	INST MIN	*****	*****	MG/L		WEEKLY	GRAB
PH	6.0	*****	*****		6.0	*****	6.4	(12)			
00400 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	*****	MINIMUM	*****	9.0	MAXIMUM	SU	WEEKLY	GRAB
SOLIDS, TOTAL SUSPENDED	10	*****	*****	(26)	*****	13	22	(19)			
00530 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	51 30DA AVG	103 DAILY MX	LBS/DY	*****	30 30DA AVG	60 DAILY MX	MG/L		WEEKLY	COMPOS
NITROGEN, AMMONIA TOTAL (AS N)	0.4	*****	*****	(26)	*****	0.6	0.9	(19)			
00610 1 1 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	7 30DA AVG	14 DAILY MX	LBS/DY	*****	4 30DA AVG	8 DAILY MX	MG/L		WEEKLY	COMPOS
PHOSPHORUS, TOTAL (AS P)	*****	*****	*****		*****	3.8	4.9	(19)			
00665 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	*****	*****	REPORT 30DA AVG	REPORT DAILY MX	MG/L		ONCE / MONTH	COMPOS
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	0.098	*****	*****	(03)	*****	*****	*****				
00050 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	REPORT 30DA AVG	REPORT INST MAX	MGD	*****	*****	*****	*****		CONTINGENT	STATUS
CHLORINE, TOTAL RESIDUAL	*****	*****	*****		*****	<0.010	<0.010	(19)			
00060 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	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.				TELEPHONE			DATE			
TYPED OR PRINTED											SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

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

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

KY0029416
PERMIT NUMBER

001 1
DISCHARGE NUMBER

MINOR
(SUBR LV)
F - FINAL

MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY
09	09	01		09	09	30

SANITARY WASTEWATER
EFFLUENT
*** NO DISCHARGE ***
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		*****	*****		*****	1	1	(13)			
74055 1 0 0 EFFLUENT GROSS VALUE		*****	*****	****	*****	200	400 #/			WEEKLY	GRAB
300, CARBONACEOUS 05 DAY, 20C		3	5	(26)	*****	4	5	(19)			
80082 1 0 0 EFFLUENT GROSS VALUE		26	51		*****	15	30			WEEKLY	COMPOS
		30DA AVG	DAILY MX	LBS/DY		30DA AVG	DAILY MX	MG/L			

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	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.	TELEPHONE	DATE		
			AREA CODE	NUMBER	YEAR
TYPED OR PRINTED	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT				

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

McNeely Lake		Report for	Sep-09			Tot. Exc.=	0			
Tot. Flow=	2.952		Concentrations				Pounds			
Date	Flow	TSS	BOD	NH3	Fecal	TSS	BOD	NH3	Tot. Phos.	
9/1/09	0.076									
9/2/09	0.088	7	4	0.9	1	5.137	2.936	0.661	3.05	
9/3/09	0.074									
9/4/09	0.069									
9/5/09	0.079									
9/6/09	0.083									
9/7/09	0.098									
9/8/09	0.077									
9/9/09	0.076	8	3	0.45	1	5.071	1.902	0.285	4.53	
9/10/09	0.083									
9/11/09	0.076									
9/12/09	0.084									
9/13/09	0.082									
9/14/09	0.08									
9/15/09	0.081									
9/16/09	0.076	13	4	0.67	1	8.240	2.535	0.425		
9/17/09	0.072								4.93	
9/18/09	0.075									
9/19/09	0.078									
9/20/09	0.134									
9/21/09	0.179									
9/22/09	0.105									
9/23/09	0.117	22	5	0.17	1	21.467	4.879	0.166	2.8	
9/24/09	0.111									
9/25/09	0.139									
9/26/09	0.13									
9/27/09	0.2									
9/28/09	0.126									
9/29/09	0.107									
9/30/09	0.097									

Average	0.098	12.50	4.00	0.55	1.00	9.98	3.06	0.38	3.83		
Maximum	0.200	22.00	5.00	0.90	1.00	21.47	4.88	0.66	4.93		
Exceed.	0	0	0	0	0	0	0	0			
Day Viol.											
Mo. Viol											
Minimum	0.069 MIN		MAX								