



MSD

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

June 23, 2008

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

**Re: MSD Metro Operations
McNeely Lake WTP; KPDES No.: KY0029416
Discharge Monitoring Reports –May 2008.**

Dear Ms. Thurman:

Attached is the Discharge Monitoring Reports (DMRs) for the McNeely Lake WTP, KPDES No.: KY0029416 for the month of May 2008.

Also enclosed, is a copy of the bypass report for McNeely Lake WTP on May 3, 2008.

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

Sincerely,

Kevin D. Ries
Process Supervisor West Operations

KDR/McNeely 0508.dic

Enclosures

cc: P. Burgin
T. Singleton
R. Shaw
C. Roth



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

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

NAME MCNEELY LAKE SUBD STP MSD

ADDRESS C/O CEDAR CREEK STP

8405 CEDAR CREEK RD

LOUISVILLE KY 40211

ACTIVITY MCNEELY LAKE SUBD STP MSD

LOCATION LOUISVILLE KY

ATTN: DENNIS THOMASSON SR METRO OPS

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

KY0029416

PERMIT NUMBER

001 1

DISCHARGE NUMBER

MINOR

(GUSR LV)

F - FINAL

JEFF

SANITARY WASTEWATER

EFFLUENT

*** NO DISCHARGE 1 ***

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			
OXYGEN, DISSOLVED (DO)	SAMPLE MEASUREMENT	*****	*****		7.0	*****	*****	(19)		1/07	GR
00300 1 0 0	PERMIT REQUIREMENT	*****	*****	*****	INST MIN	*****	*****	MG/L		WEEKLY	GRAB
EFFLUENT GROSS VALUE											
PH	SAMPLE MEASUREMENT	*****	*****		6.4	*****	7.0	(12)		1/07	GR
00400 1 0 0	PERMIT REQUIREMENT	*****	*****	*****	6.0 MINIMUM	*****	9.0 MAXIMUM	SI		WEEKLY	GRAB
EFFLUENT GROSS VALUE											
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	6.6	10.4	(26)	*****	5.8	9.0	(19)		1/07	CP
00500 1 0 0	PERMIT REQUIREMENT	51	103		*****	30	60			WEEKLY	COMPOS
EFFLUENT GROSS VALUE		30DA AVG	DAILY MX	LBS/DY		30DA AVG	DAILY MX	MG/L			
NITROGEN, AMMONIA TOTAL (AS N)	SAMPLE MEASUREMENT	0.56	1.1	(24)	*****	0.45	0.90	(19)		1/07	CP
00610 1 1 0	PERMIT REQUIREMENT	7	14		*****	4	8			WEEKLY	COMPOS
EFFLUENT GROSS VALUE		30DA AVG	DAILY MX	LBS/DY		30DA AVG	DAILY MX	MG/L			
PHOSPHORUS, TOTAL (AS P)	SAMPLE MEASUREMENT	*****	*****		*****	0.82	2.60	(19)		1/31	CP
00665 1 0 0	PERMIT REQUIREMENT	*****	*****	*****	*****	REPORT	REPORT			ONCE / MONTH	COMPOS
EFFLUENT GROSS VALUE						30DA AVG	DAILY MX	MG/L			
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	0.138	0.380	(03)	*****	*****	*****			CN	CN
00050 1 0 0	PERMIT REQUIREMENT	REPORT	REPORT		*****	*****	*****	*****		CONTINUOUS	CONTINUOUS
EFFLUENT GROSS VALUE		30DA AVG	INST MAX	MGD							
CHLORINE, TOTAL RESIDUAL	SAMPLE MEASUREMENT	*****	*****		*****	20.010	20.010	(19)		1/07	GR
00060 1 0 0	PERMIT REQUIREMENT	*****	*****	*****	*****	0.011	0.017			WEEKLY	GRAB
EFFLUENT GROSS VALUE						30DA AVG	DAILY MX	MG/L			

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

H.J. Schardin
Exec. 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

TELEPHONE

DATE

512 540-6000 08 16 23
AREA CODE NUMBER YEAR MO DAY

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

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

MINOR

(SUBR LV)

F - FINAL

SANITARY WASTEWATER

EFFLUENT

*** NO DISCHARGE 1 1 ***

NOTE: Read Instructions before completing this form.

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

NAME MCNEELY LAKE SUBD STP MSD

ADDRESS C/O CEDAR CREEK STP

8405 CEDAR CREEK RD

LOUISVILLE

KY 40211

ACTIVITY MCNEELY LAKE SUBD STP MSD

LOCATION LOUISVILLE

KY

ATTN: DENNIS THOMASSON, SR METRO OPS

KY0029416
PERMIT NUMBER

001 1
DISCHARGE NUMBER

MONITORING PERIOD

YEAR	MO	DAY	TO	YEAR	MO	DAY
05	05	01		05	05	31

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
COLIFORM, FECAL GENERAL	SAMPLE MEASUREMENT	*****	*****		*****	7	22	(13)		1/02	GR
	PERMIT REQUIREMENT	*****	*****	*****	*****	200	400	#/		WEEKLY	GRAB
COD, CARBONACEOUS 75 DAY, 20C	SAMPLE MEASUREMENT	4.3	5.0	(26)	*****	3.8	4.0	(19)		1/02	CP
	PERMIT REQUIREMENT	26 30DA AVG	51 DAILY MX	LBS/DY	*****	15 30DA AVG	30 DAILY MX	MG/L		WEEKLY	COMPOS
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
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	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

H. J. Schaefer
Exec. Director

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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)



MSD

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

May 8, 2008

Mr. Charlie Roth, District Supervisor
KY Division of Water
Louisville Regional Office
9116 Leesgate Road
Louisville, KY 40222-5084

Re: Bypass Report for the McNeely Lake WTP – KPDES Permit KY0029416

Dear Mr. Roth:

This plant experienced a bypass event starting at 11:30 AM on May 3, 2008 and stopping at 11:45 AM on May 3, 2008. This was reported through our electronic notification system at approximately 1:00 AM on May 9, 2008, referencing Work Order 777867 as a Rain Event Discharge. This letter serves as a written report of the bypass as required by 401 KAR 5:065.

An estimated amount of 2427 gallons of Secondary biomass wastewater washed into the plant effluent. This was a result excessive precipitation event in the collection system area on May 2, 2008. This bypass did receive full chlorination and dechlorination treatment.

Please advise if you have any questions concerning this information. You can contact me at my office (502) 239-7695 or cell phone (502) 523-9957.

Sincerely,

Kevin D. Ries
Process Supervisor

cc: D. Guthrie
D. Thomasson

R. Shaw/File
M. Jenkins

B. Bingham
D. Talley

Angela Akridge



Beneficial Use of Louisville's Biosolids
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Report Date 05/08/2008 02:01 PM

Submitted By

Page 1

Work Order #	777867	Activity	DISREV	RAIN EVENT DISCHARGE
Plant ID	MSD0228	Description	MCNEELY LAKE	
Address	10300 ROD N REEL RD LOUISVILLE KY 40229-0000			
Qualifier	PC	POND/MILL CREEK AREA TEAM	District	WEST
Area	23	NEIGHBORHOOD 23	Location	EM
Sub-area	MSD WEST OPERATIONS MAINT.TEAM			
Map #	MAO21-F	EASEMENT IN OPEN AREA		
Complex	SPL	MSD0000	NO PLANT-GOES TO STREAM/RIVER	
Plant Type			Service Status	I
X Coord				IN SERVICE
Y Coord			Parcel	As Built
Z Coord			Date Installed	10258-18
Area Size	0.00			
Ownership	MSD	MSD OWNED AND OPERATED	Budget #	
Initiated By	00187	NOBLE	Initiated Date	05/02/2008
Assigned To	13983	ANDRE	Service #	
		MARKS JR		Scheduled
		AVERETTE		Due
Authorization				
Budget #	7446112	SMALL TREATMENT PLANTS - OPS		
Crew				
Maint Type				
Priority				
Problem	BYPAS	BYPASS AT TREATMENT PLANT		
Project				
Source				
			Out of Service	<input type="checkbox"/>
			Potential Service Request	<input type="checkbox"/>

Spot Inspections			
Spot Insp	UM	Completed	Description
DISAMT	GAL	05/02/2008 11:45	DISCHARGE AMOUNT
	Value	2427	
	Insp Comments		
DISCAU		05/02/2008 11:45	CAUSE OF DISCHARGE
	Value	SOLIDS BYPASSED SECONDARY	
	Insp Comments		
DISCLN		05/02/2008 11:45	CLEANUP ACTIVITY
	Value	NO CLEANUP SUBMERGED PIPE	
	Insp Comments		
DISCZ		05/02/2008 11:45	CONTROL ZONE SETUP
	Value	NO CONTROL ZONE	
	Insp Comments		
DISIMP		05/02/2008 11:45	VISUAL IMPACT OBSERVATION
	Value	SOILDS	
	Insp Comments		

RAIN EVENT DISCHARGE

Outstanding Work Orders						
Work Order #	Activity	Description	Initiated Date	Initiated By	Scheduler	Due
There are no outstanding work orders						



MSD Louisville and Jefferson County
Metropolitan Sewer District

IMSAST0004

Discharge Report

Initiated May 01, 2008 12:00 AM thru May 31, 2008 11:59 PM

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

KPDES # KY0029416	Facility ID MSD0228	Treatment Plant Name MCNEELY LAKE	Receiving Stream of Treatment Plant PENNSYLVANIA RUN	Region WEST
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Facility Type SPL Sewer Treatment Plant	Facility ID MSD0228	Facility Address 10300 ROD N REEL RD	If Pump Station, Name of Pump Station:	Receiving Stream PENNSYLVANIA RUN	Discharge to STREAM
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<u>Activity Code / Description</u> DISREV: RAIN EVENT DISCHARGE	<u>WO #</u> 777867	<u>Initiated</u> 05/03/08 11:30 AM	<u>Initiated By</u> MARKS JR	<u>Assigned To</u> AVERETTE	<u>Disch Status</u> REPAIRED - ISSUE RESOLVED	<u>Event Date</u> 05/03/08	<u>Problem</u> BYPASS AT TREATMENT PLANT	<u>Result</u> DISCHARGE TO WATERS OF THE US	<u>Completed</u> 05/03/08 11:45 AM
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Spot Inspections:

Discharge Amount:	2,427 GAL
Cause:	LACK OF SYSTEM CAPACITY - HEAVY RAIN
Clean Up:	NO CLEANUP REQUIRED
Control Zone:	NO CONTROL ZONE
Impact:	SOILDS BYPASSED SECONDARY
Repair:	OPERATOR TURNED OFF AERATION ON PLANT

Notifications:

05/08/08 10:50 AM	Email notification of unauthorized discharge sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
06/02/08 10:33 AM	No additional public notification