



**MSD**

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

May 22, 2008

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

**Re: MSD Metro Operations  
North Hunting Creek; KPDES No.: KY0029106  
Discharge Monitoring Reports – April 2008**

Dear Ms. Thurman:

Attached is the Discharge Monitoring Reports (DMRs) for the Hunting Creek North WTP, KPDES No.: KY0029106 for the month of April 2008

Also included are the monthly discharge reports.

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

Sincerely,

John Kessel  
Process Supervisor - Operations

JMK/HCN 0408

Enclosures

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



*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)

MINOR

NAME MSD NORTH HUNTING CREEK STP

(SUBR LV)

ADDRESS C/O CEDAR CREEK STP

KY0029106  
PERMIT NUMBER

0011  
DISCHARGE NUMBER

F - FINAL

JEFFE

8405 CEDAR CREEK RD

MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY
05	04	01	TO	05	04	30

MUNICIPAL DISCHARGE

LOUISVILLE KY 40211

FACILITY MSD NORTH HUNTING CREEK STP

EFFLUENT

LOCATION PROSPECT KY 40059

\*\*\* NO DISCHARGE [ ] \*\*\*

ATTN: DENNIS THOMASSON, SR METRO OPS

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			
OXYGEN, DISSOLVED (DO)	SAMPLE MEASUREMENT	*****	*****		7.5	*****	*****	( 19)	0	1/7	Grab
00300 1 0 0 EFFLUENT GROSS VALUE FH	PERMIT REQUIREMENT	*****	*****	****	7 INST MIN	*****	*****	MG/L		WEEKLY	GRAB
00400 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		6.8	*****	7.2	( 12)	0	1/7	Grab
00400 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	6.0 MINIMUM	*****	7.0 MAXIMUM	50		WEEKLY	GRAB
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	318.0	468.0	( 26)	*****	104.0	147.0	( 19)	0	1/7	Comp
00530 2 0 0 RAW SEW/INFLUENT	PERMIT REQUIREMENT	REPORT MD AVG	REPORT MX WK AV	LBS/DY	*****	REPORT MD AVG	REPORT MX WK AV	MG/L		WEEKLY	COMPLIS
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	13.0	20.0	( 26)	*****	4.0	5.0	( 19)	0	1/7	Comp
00530 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	70 MD AVG	134 MX WK AV	LBS/DY	*****	30 MD AVG	45 MX WK AV	MG/L		WEEKLY	COMPLIS
NITROGEN, AMMONIA TOTAL (AS N)	SAMPLE MEASUREMENT	61.0	81.0	( 26)	*****	21.0	28.0	( 19)	0	1/7	Comp
00610 2 0 0 RAW SEW/INFLUENT	PERMIT REQUIREMENT	REPORT MD AVG	REPORT MX WK AV	LBS/DY	*****	REPORT MD AVG	REPORT MX WK AV	MG/L		WEEKLY	COMPLIS
NITROGEN, AMMONIA TOTAL (AS N)	SAMPLE MEASUREMENT	0.36	0.53	( 26)	*****	0.13	0.17	( 19)	0	1/7	Comp
00610 1 2 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	15 MD AVG	22 MX WK AV	LBS/DY	*****	5 MD AVG	7.5 MX WK AV	MG/L		WEEKLY	COMPLIS
PHOSPHORUS, TOTAL (AS P)	SAMPLE MEASUREMENT	*****	*****		*****	2.0	2.0	( 19)	0	2/30	Comp
00665 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT MD AVG	REPORT MX WK AV	MG/L		WEEKLY	COMPLIS

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER  Exec Director H.S. Schuler 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
			502	241 9093	08	05	21

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

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)  
 NAME MSD NORTH HUNTING CREEK STP  
 ADDRESS C/O CEDAR CREEK STP  
 8405 CEDAR CREEK RD  
 LOUISVILLE KY 40211  
 FACILITY MSD NORTH HUNTING CREEK STP  
 LOCATION PROSPECT KY 40059  
 ATTN: DENNIS THOMASSON, SR METRO OPS

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

PERMIT NUMBER KY0029106  
 DISCHARGE NUMBER 001 1

MINOR (SUBR LV)  
 F - FINAL  
 MUNICIPAL DISCHARGE EFFLUENT  
 \*\*\* NO DISCHARGE \*\*\*

MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY
05	04	01		05	04	30

NOTE: Read Instructions before completing this form.

PARAMETER	SAMPLE MEASUREMENT	QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	0.424	1.374	( 03 )	*****	*****	*****		0	1/2	1/2	
50050 1 0 0 EFFLUENT GROSS VALUE	REPORT	REPORT		*****	*****	*****	****		CONT IN	CONT IN	
30DA AVG	DAILY MX	MGD					****		UDUS		
CHLORINE, TOTAL RESIDUAL	*****	*****		*****	<0.010	<0.010	( 19 )	0	1/7	Grab	
50050 1 0 0 EFFLUENT GROSS VALUE	*****	*****	****	*****	0.011	0.019	MG/L		WEEKLY	GRAB	
30DA AVG	DAILY MX	MG/L									
COLIFORM, FECAL GENERAL	*****	*****		*****	5.0	19.0	( 13 )	0	1/7	Grab	
74055 1 0 0 EFFLUENT GROSS VALUE	*****	*****	****	*****	200	400	100ML		WEEKLY	GRAB	
30DA GED	7 DA GED										
BOD, CARBONACEOUS 05 DAY, 20C	202.0	402.0	( 26 )	*****	86.0	138.0	( 19 )	0	1/7	Comp	
80082 2 0 0 RAW SEW/INFLUENT	REPORT	REPORT		*****	REPORT	REPORT	MG/L		WEEKLY	COMPL	
MD AVG	MX WK AV	LBS/DY									
BOD, CARBONACEOUS 05 DAY, 20C	8.0	12.0	( 26 )	*****	3.0	3.0	( 19 )	0	1/7	Comp	
80082 1 0 0 EFFLUENT GROSS VALUE	30	45		*****	10	15	MG/L		WEEKLY	COMPL	
MD AVG	MX WK AV	LBS/DY									
BOD, CARB-5 DAY, 20 DEG C, PERCENT REMVL	*****	*****		97%	*****	*****	( 23 )	0	1/30	Cal	
80091 K 0 0 PERCENT REMOVAL	*****	*****	****	85	*****	*****	PER -		ONCE /	CALCUL	
MD MIN							CENT		MONTH		
SOLIDS, SUSPENDED PERCENT REMOVAL	*****	*****		96%	*****	*****	( 23 )	0	1/30	Cal	
81011 K 0 0 PERCENT REMOVAL	*****	*****	****	85	*****	*****	PER -		ONCE /	CALCUL	
MD MIN							CENT		MONTH		

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER  
 Exec Director  
 H.S. Schuler, 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 502 241 9093  
 DATE 05 05 21  
 AREA CODE NUMBER YEAR MO DAY

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

No. 8489 P. 18/22



**MSD** Louisville and Jefferson County  
Metropolitan Sewer District

IMSAST0004

Discharge Report

Initiated Apr 01, 2008 12:00 AM thru Apr 30, 2008 11:59 PM

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

KPDES #	Facility ID	Treatment Plant Name	Receiving Stream of Treatment Plant	Region					
KY0029106	MSD0291	HUNTING CREEK NORTH	HARRODS CREEK	EAST					
Facility Type	Facility ID	Facility Address	If Pump Station, Name of Pump Station:	Receiving Stream	Discharge to				
SLS Sewer Lift Station	MSD1260-LS	7501 HUNTING CREEK DR	RIDING RIDGE	HARRODS CREEK	DITCH				
Activity Code / Description	WO #	Initiated	Initiated By	Assigned To	Disch Status	Event Date	Problem	Result	Completed
DISREV: RAIN EVENT DISCHARGE	765648	04/04/08 05:00 AM	MARKS JR	KUSTES	DOCUMENTED	12/16/00	LACK OF SYSTEM CAPACITY	DISCHARGE TO WATERS OF THE US	04/04/08 01:40 PM

**Spot Inspections:**

Discharge Amount:	5,200 GAL
Cause:	LACK OF SYSTEM CAPACITY
Clean Up:	NONE POSSIBLE DUE TO MAGNITUDE OF STORM
Control Zone:	TEMPORARY SIGNS PLACED AT OVERFLOW
Impact:	NO IMPACT OBSERVED BY MSD PERSONNEL
Repair:	A SOLUTION FOR THIS LOCATION WILL BE INCLUDED IN THE SANITARY SEWER DISCHARGE PLAN TO BE SUBMITTED BY DECEMBER 31, 2008

**Notifications:**

04/04/08 12:58 AM	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
04/04/08 12:58 AM	Email notification of unauthorized discharge sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov

May. 19. 2008 2:23PM