



MSD

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

November 21, 2008

Ms. Carolena Bentley
DMR Coordinator
200 Fair Oaks Lane
Frankfort, Kentucky 40601

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

Dear Ms. Prather

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

Also included are the October 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 1008

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)

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 THOMASSEN, SR METRO OPS

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

KY0029106	001 1				
PERMIT NUMBER	DISCHARGE NUMBER				
MONITORING PERIOD					
YEAR	MO	DAY	YEAR	MO	DAY
08	10	01	08	10	31

MINDR
(SUBR LV)
F - FINAL
MUNICIPAL DISCHARGE
EFFLUENT
*** NO DISCHARGE 1 ***
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			
OXYGEN, DISSOLVED (DO)		*****	*****		7.2	*****	*****	(19)	0	1/2	Grab
00300 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	7 INST MIN	*****	*****	MG/L		WEEKLY	GRAB
PH		*****	*****		6.4	*****	6.6	(12)	0	1/2	Grab
00400 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	6.0 MINIMUM	*****	9.0 MAXIMUM	SG		WEEKLY	GRAB
SOLIDS, TOTAL SUSPENDED		475.0	573.0	(26)	*****	249.0	300.0	(19)	0	1/2	Comp
00530 0 0 0 RAW SEW/INFLUENT	PERMIT REQUIREMENT	REPORT MO AVG	REPORT MX WK AV	LBS/DY	*****	REPORT MO AVG	REPORT MX WK AV	MG/L		WEEKLY	COMPOS
SOLIDS, TOTAL SUSPENDED		21.0	29.0	(26)	*****	11.0	15.0	(19)	0	1/2	Comp
00530 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	90 MO AVG	134 MX WK AV	LBS/DY	*****	30 MO AVG	45 MX WK AV	MG/L		WEEKLY	COMPOS
NITROGEN, AMMONIA TOTAL (AS N)		0.32	101.0	(26)	*****	44.0	53.0	(19)	0	1/2	Comp
00610 0 0 0 RAW SEW/INFLUENT	PERMIT REQUIREMENT	REPORT MO AVG	REPORT MX WK AV	LBS/DY	*****	REPORT MO AVG	REPORT MX WK AV	MG/L		WEEKLY	COMPOS
NITROGEN, AMMONIA TOTAL (AS N)		0.30	0.50	(26)	*****	0.20	0.30	(19)	0	1/2	Comp
00610 1 1 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	6.0 MO AVG	9.0 MX WK AV	LBS/DY	*****	2 MO AVG	3 MX WK AV	MG/L		WEEKLY	COMPOS
PHOSPHORUS, TOTAL (AS P)		*****	*****		*****	1.0	2.0	(19)	0	2/3	Comp
00665 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT MO AVG	REPORT MX WK AV	MG/L		WICE/MONTH	COMPOS
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			
Exec Dir H.J. Schneider Jr TYPED OR PRINTED						SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT		AREA CODE	NUMBER	YEAR	MO

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

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)
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KY0029106	001 1
PERMIT NUMBER	DISCHARGE NUMBER

MINOR
(SUBR LV)
F - FINAL
JEFF

MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY
08	10	01		08	10	31

MUNICIPAL DISCHARGE
EFFLUENT
*** NO DISCHARGE [] ***
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PARAMETER		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 50050 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	0.223	0.260	(03)	*****	*****	*****		0	1/2	1/2
	PERMIT REQUIREMENT	REPORT	REPORT		*****	*****	*****	****		CONTINUOUS	CONTINUOUS
CHLORINE, TOTAL RESIDUAL 50060 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****	20.010	20.010	(19)	0	1/2	Grab
	PERMIT REQUIREMENT	*****	*****	****	*****	0.011 MD AVG	0.019 DAILY MX	MG/L		WEEKLY	GRAB
COLIFORM, FECAL GENERAL 74055 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****	1.0	1.0	(13)	0	1/2	Grab
	PERMIT REQUIREMENT	*****	*****	****	*****	200 30DA GEO	400 7 DA GEO	#/ 100ML		WEEKLY	GRAB
BOD, CARBONACEOUS 5 DAY, 20C 80082 4 0 0 RAW SEW/INFLUENT	SAMPLE MEASUREMENT	461.0	435.0	(26)	*****	210.0	228.0	(19)	0	1/2	Comp
	PERMIT REQUIREMENT	REPORT	REPORT		*****	REPORT	REPORT			WEEKLY	COMPOS
BOD, CARBONACEOUS 5 DAY, 20C 80082 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	6.0	6.0	(26)	*****	3.0	3.0	(19)	0	1/2	Comp
	PERMIT REQUIREMENT	30 MD AVG	45 MX WK AV	LBS/DY	*****	10 MD AVG	15 MX WK AV	MG/L		WEEKLY	COMPOS
BOD, CARB-5 DAY, 20 DEG C, PERCENT REMVL 80091 X 0 0 PERCENT REMOVAL	SAMPLE MEASUREMENT	*****	*****		99.0%	*****	*****	(23)	0	1/2	Cal
	PERMIT REQUIREMENT	*****	*****	****	85 MD MIN	*****	*****	PER-CENT		ONCE/MONTH	CALCUL
SOLIDS, SUSPENDED PERCENT REMOVAL 81011 X 0 0 PERCENT REMOVAL	SAMPLE MEASUREMENT	*****	*****		96.0%	*****	*****	(23)	0	1/2	Cal
	PERMIT REQUIREMENT	*****	*****	****	85 MD MIN	*****	*****	PER-CENT		ONCE/MONTH	CALCUL

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER H.J. Schade, 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)



MSD Louisville and Jefferson County
Metropolitan Sewer District

IMSAST0004

Discharge Report

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

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

KPDES # KY0029106		Facility ID MSD0291		Treatment Plant Name HUNTING CREEK NORTH		Receiving Stream of Treatment Plant HARRODS CREEK		Region EAST			
Facility Type SPL Sewer Treatment Plant		Facility ID MSD0291		Facility Address 7300 SHADWELL LN		If Pump Station, Name of Pump Station:		Receiving Stream HARRODS CREEK		Discharge to STREAM	
<u>Activity Code / Description</u> DISDW: DRY WEATHER DISCHARGE		<u>WO #</u> 829929	<u>Initiated</u> 10/05/08 11:00 AM	<u>Initiated By</u> MARKS JR	<u>Assigned To</u> DUNN JR	<u>Disch Status</u> REPAIRED - ISSUE RESOLVED	<u>Event Date</u> 03/27/08	<u>Problem</u> BYPASS AT TREATMENT PLANT	<u>Result</u> DISCHARGE TO WATERS OF THE US	<u>Completed</u> 10/05/08 12:00 PM	<u>Condition</u>

Spot Inspections:

Discharge Amount:	9,000 GAL
Cause:	#3 SECONDARY CLARIFIER SLUDGE RETURN NOT WORKING
Clean Up:	MSD CONTRACTED CLEANUP
Control Zone:	TEMPORARY SIGNS POSTED
Impact:	SOILS OBSERVED IN CREEK
Repair:	CALLED CONTRACTOR TO UNSTOP SLUDGE RETURN LINE

Notifications:

10/05/08 03:39 PM	DISPUB	Temporary signs posted to warn public
10/05/08 12:57 PM	DISNOT	Email notification of unauthorized discharge sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov

Total Facilities Printed: 2
Total Work Orders Printed: 3

Hunting Creek North

Date	Flow	INFLUENT					
		Concentration			Pounds		
		TSS	BOD	NH3	TSS	BOD	NH3
10/1/2008	0.217						
10/2/2008	0.202						
10/3/2008	0.22						
10/4/2008	0.22						
10/5/2008	0.228						
10/6/2008	0.229	238	228	35	454.547	435.448	66.845
10/7/2008	0.229						
10/8/2008	0.26						
10/9/2008	0.229						
10/10/2008	0.221						
10/11/2008	0.226						
10/12/2008	0.221						
10/13/2008	0.229	300	207	53	572.958	395.341	101.223
10/14/2008	0.226						
10/15/2008	0.223						
10/16/2008	0.225						
10/17/2008	0.215						
10/18/2008	0.221						
10/19/2008	0.232						
10/20/2008	0.23	220	203	51	422.004	389.395	97.828
10/21/2008	0.21						
10/22/2008	0.216						
10/23/2008	0.225						
10/24/2008	0.181						
10/25/2008	0.245						
10/26/2008	0.247						
10/27/2008	0.228	238	201	35	452.562	382.206	66.553
10/28/2008	0.221						
10/29/2008	0.216						
10/30/2008	0.208						
10/31/2008	0.206						
Average	0.223	249	210	43.50	475.518	400.597	83.112
Maximum	0.260	300	228	53.00	573.0	435.45	101.223

[illegible]

Hunting Creek North

TSS Rem BOD Rem

0.936975 0.986842

0.976667 0.985507

0.945455 0.985222

0.962185 0.985075

96%	99%
0	0
0	0