



MSD

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

October 27, 2008

Ms. Vickie L. Prather
Kentucky Division of Water
14 Reilly Road
Frankfort, Kentucky 40601

**Re: MSD Metro Operations
Hunting Creek South; KPDES No.: KY0029114
Discharge Monitoring Reports – September 2008.**

Dear Ms. Prather

Attached is the Discharge Monitoring Reports (DMRs) for the Hunting Creek South WTP, KPDES No.: KY0029114 for the month of September 2008.

During the month of September we fail to meet our NH3 / D.O requirements. This was due to the wind storm that came thru. Trees and power lines blocked the road to the plant and we were unable to put a generator on the plant until late in the week. The following week of sampling the plant was back in compliance.

Also include are two discharge reports.

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

Sincerely,

John Kessel
Process Supervisor, East Region

JMK/HCS 0908

Enclosures

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



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

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)
NAMEMSD HUNTING CREEK SOUTH STP
ADDRESSC/O CEDAR CREEK STP
5405 CEDAR CREEK RD
LOUISVILLEKY 40211
FACILITYMSD HUNTING CREEK SOUTH STP
LOCATIONPROSPECTKY 40059
ATTENDENNIS THOMASSON, SR METRO OPS

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)
KY0029114
PERMIT NUMBER
001 1
DISCHARGE NUMBER
MINOR
(SUBR LV)
F - FINAL
MUNICIPAL DISCHARGE
EFFLUENT
*** NO DISCHARGE ***
NOTE: Read Instructions before completing this form.

MONITORING PERIOD
FROMYEARMO DAYTOYEARMO DAY
080901080930

PARAMETER	<div></div>	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	*****	*****		5.5	*****	*****	(19)	1	1/2	Grab		
00300 1 0 0	PERMIT REQUIREMENT	*****	*****		7	*****	*****				WEEKLY	LAB	
EFFLUENT GROSS VALUE					INST MIN			MG/L					
PH	SAMPLE MEASUREMENT	*****	*****		6.3	*****		(12)	0	1/2	Grab		
00400 1 0 0	PERMIT REQUIREMENT	*****	*****		6.0	*****	9.0				WEEKLY	LAB	
EFFLUENT GROSS VALUE					MINIMUM		MAXIMUM	BU					
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	314.0	691.0	(26)	*****	288.0	592.0	(19)	0	1/2	Comp		
00530 0 0 0	PERMIT REQUIREMENT	REPORT MD AVG	REPORT MX WK AV	LBS/DY	*****	REPORT MD AVG	REPORT MX WK AV	MG/L		WEEKLY	COMPOS		
RAW SEW/INFLUENT													
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	13.0	18.0	(26)	*****	12.0	17.0	(19)	0	1/2	Comp		
00530 1 0 0	PERMIT REQUIREMENT	63 MD AVG	74 MX WK AV	LBS/DY	*****	30 MD AVG	45 MX WK AV	MG/L		WEEKLY	COMPOS		
EFFLUENT GROSS VALUE													
NITROGEN, AMMONIA TOTAL (AS N)	SAMPLE MEASUREMENT	33.0	44.0	(26)	*****	31.0	45.0	(19)	0	1/2	Comp		
00610 0 0 0	PERMIT REQUIREMENT	REPORT MD AVG	REPORT MX WK AV	LBS/DY	*****	REPORT MD AVG	REPORT MX WK AV	MG/L		WEEKLY	COMPOS		
RAW SEW/INFLUENT													
NITROGEN, AMMONIA TOTAL (AS N)	SAMPLE MEASUREMENT	3.0	10.0	(26)	*****	3.0	10.0	(19)	2	1/2	Comp		
00610 1 1 0	PERMIT REQUIREMENT	4 MD AVG	6 MX WK AV	LBS/DY	*****	2 MD AVG	3 MX WK AV	MG/L		WEEKLY	COMPOS		
EFFLUENT GROSS VALUE													
PHOSPHORUS, TOTAL (AS P)	SAMPLE MEASUREMENT	*****	*****		*****	3.0	3.0	(19)	0	2/30	Comp		
00665 1 0 0	PERMIT REQUIREMENT	*****	*****		*****	REPORT MD AVG	REPORT MX WK AV		MG/L		TWICE/MONTH		
EFFLUENT GROSS VALUE													
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													
COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT			AREA CODE			NUMBER			YEAR	MO	DAY
Please See attached letter for D.O and NH3 Exceedance								502 446 6000			08	10	24

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

NAME HSD HUNTING CREEK SOUTH STP
ADDRESS C/O CEDAR CREEK STP
8405 CEDAR CREEK RD
LOUISVILLE KY 40211
FACILITY HSD HUNTING CREEK SOUTH STP
LOCATION PROSPECT KY 40059
ATTN: DENNIS THOMASSON, SR METRO OPS

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

KY0029114			001 1				
PERMIT NUMBER			DISCHARGE NUMBER				
MONITORING PERIOD							
FROM	YEAR	MO	DAY	TO	YEAR	MO	DAY
	06	07	01		06	07	30

MINDR
(SUBR LV)
F - FINAL JEFFE
MUNICIPAL DISCHARGE
EFFLUENT
*** NO DISCHARGE !!!
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	0.128	0.152	(03)	*****	*****	*****		0	4	9	
300550 1 0 0	PERMIT REQUIREMENT	REPORT	REPORT	*****	*****	*****	*****				
EFFLUENT GROSS VALUE	3006 AVG	DAILY MX	100	*****	*****	*****	*****				
CHLORINE, TOTAL RESIDUAL	*****	*****		*****	0.010	0.010	(19)	0	1/2	Grab	
10060 1 0 0	PERMIT REQUIREMENT	*****	*****	*****	0.011	0.017	MG/L				
EFFLUENT GROSS VALUE	MD AVG	MX WK AV	MG/L								
COLIFORM, FECAL GENERAL	*****	*****		*****	4.0	42.0	(13)	0	1/2	Grab	
74055 1 0 0	PERMIT REQUIREMENT	*****	*****	*****	200	400	1/				
EFFLUENT GROSS VALUE	3006 GED	7 DA GED	100ML								
300, CARBONACEOUS 5 DAY, 20C	2150	447.0	(26)	*****	198	383	(19)	0	1/2	Comp	
30082 6 0 0	PERMIT REQUIREMENT	REPORT	REPORT	*****	REPORT	REPORT					
RAW SEW/INFLUENT	MD AVG	MX WK AV	LBS/DY		MD AVG	MX WK AV	MG/L				
300, CARBONACEOUS 5 DAY, 20C	4.0	7.0	(26)	*****	4.0	7.0	(19)	0	1/2	Comp	
30082 1 0 0	PERMIT REQUIREMENT	21	31	*****	10	15	MG/L				
EFFLUENT GROSS VALUE	MD AVG	MX WK AV	LBS/DY		MD AVG	MX WK AV	MG/L				
300, CARB-5 DAY, 20 DEG C, PERCENT REMVL	*****	*****		98%	*****	*****	(23)	0	1/30	Cal	
30091 1 0 0	PERMIT REQUIREMENT	*****	*****	85	*****	*****	PER-CENT				
PERCENT REMOVAL	*****	*****		MD MIN	*****	*****					
SOLIDS, SUSPENDED PERCENT REMOVAL	*****	*****		96.0%	*****	*****	(23)	0	1/30	Cal	
31011 1 0 0	PERMIT REQUIREMENT	*****	*****	85	*****	*****	PER-CENT				
PERCENT REMOVAL	*****	*****		MD MIN	*****	*****					
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. Schaefer Jr						702 946-6606		08 10 24			
TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT				AREA CODE		YEAR MO DAY			
						08 10 24					

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



MSD Louisville and Jefferson County
Metropolitan Sewer District

IMSAST0004

Discharge Report

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

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

KPDES # KY0029114	Facility ID MSD0292	Treatment Plant Name HUNTING CREEK SOUTH	Receiving Stream of Treatment Plant HARRODS CREEK	Region EAST
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Facility Type	Facility ID	Facility Address	If Pump Station, Name of Pump Station:	Receiving Stream	Discharge to
SLS Sewer Lift Station	MSD1062-LS	7804 DEEP TRAIL CT	DEEP TRAIL	HARRODS CREEK	STREAM

<u>Activity Code / Description</u>	<u>WO #</u>	<u>Initiated</u>	<u>Initiated By</u>	<u>Assigned To</u>	<u>Disch Status</u>	<u>Event Date</u>	<u>Problem</u>	<u>Result</u>	<u>Completed</u>	<u>Condition</u>
DISDW: DRY WEATHER DISCHARGE	824061	09/18/08 08:15 AM	ELDER	DUNN JR	REPAIRED - ISSUE RESOLVED	09/18/08	POWER OUTAGE (LG&E)	DISCHARGE TO WATERS OF THE US	09/18/08 10:00 AM	

Spot Inspections:

Discharge Amount:	525 GAL
Cause:	LOSS OF LG&E POWER DUE TO STORM 9/14
Clean Up:	MSD CLEANED AND SANITIZED AREA
Control Zone:	TEMP SIGNS ARE POSTED
Impact:	SEWAGE AND DEBRIS WERE OBSERVED
Repair:	POWER WAS RESTORED

Notifications:

09/18/08 12:57 AM	DISSNO	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
09/18/08 12:57 AM	DISNOT	Email notification of unauthorized discharge sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
09/18/08 08:15 AM	DISPUB	Temporary signs were posted at effected area



MSD Louisville and Jefferson County
Metropolitan Sewer District

IMSAST0004

Discharge Report

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

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

KPDES # KY0029114 (Cont'd)	Facility ID MSD0292	Treatment Plant Name HUNTING CREEK SOUTH	Receiving Stream of Treatment Plant HARRODS CREEK	Region EAST
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Facility Type SLS Sewer Lift Station	Facility ID MSD1065-PS	Facility Address 6808 FAIRWAY VIEW CT	If Pump Station, Name of Pump Station: FAIRWAY VIEW	Receiving Stream HARRODS CREEK	Discharge to DITCH
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<u>Activity Code / Description</u> DISDW: DRY WEATHER DISCHARGE	<u>WO #</u> 822097	<u>Initiated</u> 09/08/08 11:00 AM	<u>Initiated By</u> MARKS JR	<u>Assigned To</u> KUSTES	<u>Disch Status</u> DOCUMENTED	<u>Event Date</u> 10/14/02	<u>Problem</u> ELECTRICAL PROBLEMS AT MSD	<u>Result</u> DISCHARGE TO WATERS OF THE US	<u>Completed</u> 09/08/08 11:30 AM	<u>Condition</u>
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Spot Inspections:

Discharge Amount:	30 GAL
Cause:	ELECTRICAL PROBLEMS AT STATION
Clean Up:	NO CLEAN UP REQUIRED
Control Zone:	TEMPORARY SIGNS POSTED
Impact:	NO IMPACT OBSERVED
Repair:	HAULED TILL REPAIRS COMPLETE HANSEN WO# 822095

Notifications:

09/08/08 02:00 PM	DISPUB	temporary signs posted around area.
09/08/08 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: 17
Total Work Orders Printed: 19