



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
Hunting Creek South; KPDES No.: KY0029114
Discharge Monitoring Reports – April 2008**

Dear Ms. Thurman:

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

Also included are the monthly discharge reports and bypass letter.

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 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)

NAME MSD HUNTING CREEK SOUTH STP
 ADDRESS C/O CEDAR CREEK STP
 8405 CEDAR CREEK RD
 LOUISVILLE KY 40211
 FACILITY MSD 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
 PERMIT NUMBER

001 1
 DISCHARGE NUMBER

MINOR
 (SUBR LV)
 F - FINAL
 MUNICIPAL DISCHARGE
 EFFLUENT
 *** NO DISCHARGE 1 1 ***

JEFFE

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

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	*****	*****		7.7	*****	*****	(19)	0	1/2	Grab
00300 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	*****	INST MIN	*****	*****	MG/L		WEEKLY	GRAB
PH	SAMPLE MEASUREMENT	*****	*****		6.9	*****	7.1	(12)	0	1/2	Grab
00400 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	*****	6.0 MINIMUM	*****	9.0 MAXIMUM	SU		WEEKLY	GRAB
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	200.0	238.0	(26)	*****	140.0	224.0	(19)	0	1/2	Comp
00530 3 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	COMPOS
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	10.0	14.0	(26)	*****	8.0	15.0	(19)	0	1/2	Comp
00530 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	53 MD AVG	94 MX WK AV	LBS/DY	*****	30 MD AVG	45 MX WK AV	MG/L		WEEKLY	COMPOS
NITROGEN, AMMONIA TOTAL (AS N)	SAMPLE MEASUREMENT	32.0	37.0	(26)	*****	22.0	32.0	(19)	0	1/2	Comp
00610 3 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	COMPOS
NITROGEN, AMMONIA TOTAL (AS N)	SAMPLE MEASUREMENT	1.0	2.0	(26)	*****	1.0	1.0	(19)	0	1/2	Comp
00610 1 2 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	11 MD AVG	16 MX WK AV	LBS/DY	*****	5 MD AVG	7.5 MX WK AV	MG/L		WEEKLY	COMPOS
PHOSPHORUS, TOTAL (AS P)	SAMPLE MEASUREMENT	*****	*****		*****	1.0	2.0	(19)	0	2/30	Comp
00645 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	*****	*****	REPORT MD AVG	REPORT MX WK AV	MG/L		WEEKLY	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			
Eric Director						302 241-9093		08 05 21			
TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT				AREA CODE	NUMBER	YEAR	MO	DAY	

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

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

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 ADDRESS C/O CEDAR CREEK STP
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 LOUISVILLE KY 40211
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KY0029114
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 001-1
 DISCHARGE NUMBER

MINOR

(SUBR LV)

F - FINAL

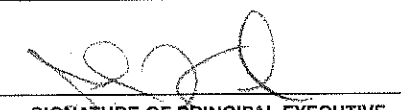
MUNICIPAL DISCHARGE

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	SAMPLE MEASUREMENT	0.208	0.635	(G3)	*****	*****	*****		0	1/2	1/2
50050 1 0 0	PERMIT REQUIREMENT	REPORT	REPORT		*****	*****	*****	****		CONTINUOUS	CONTINUOUS
EFFLUENT GROSS VALUE		30DA AVG	DAILY MX	MGD				****		UDUS	
CHLORINE, TOTAL RESIDUAL	SAMPLE MEASUREMENT	*****	*****		*****	<0.010	<0.010	(19)	0	1/2	Gmb
50060 1 0 0	PERMIT REQUIREMENT	*****	*****	****	*****	0.011	0.019	MG/L		WEEKLY	GRAB
EFFLUENT GROSS VALUE				****		MD AVG	MX WK AV				
COLIFORM, FECAL GENERAL	SAMPLE MEASUREMENT	*****	*****		*****	1.0	1.0	(13)	0	1/2	Gmb
74055 1 0 0	PERMIT REQUIREMENT	*****	*****	****	*****	200	400 #/			WEEKLY	GRAB
EFFLUENT GROSS VALUE				****		30DA GED	7 DA GED	100ML			
BOD, CARBONACEOUS 05 DAY, 20C	SAMPLE MEASUREMENT	142.0	183.0	(26)	*****	95.0	127.0	(19)	0	1/2	Comp
80082 0 0 0	PERMIT REQUIREMENT	REPORT	REPORT		*****	REPORT	REPORT			WEEKLY	COMPOS
RAW SEW/INFLUENT		MD AVG	MX WK AV	LBS/DY		MD AVG	MX WK AV	MG/L			
BOD, CARBONACEOUS 05 DAY, 20C	SAMPLE MEASUREMENT	9.0	7.0	(26)	*****	3.0	3.0	(19)	0	1/2	Comp
80082 1 0 0	PERMIT REQUIREMENT	21	31		*****	10	15			WEEKLY	COMPOS
EFFLUENT GROSS VALUE		MD AVG	MX WK AV	LBS/DY		MD AVG	MX WK AV	MG/L			
BOD, CARB-5 DAY, 20 DEG C, PERCENT REMVL	SAMPLE MEASUREMENT	*****	*****		97%	*****	*****	(23)	0	1/30	C-1
80091 K 0 0	PERMIT REQUIREMENT	*****	*****	****	85	*****	*****	PER-		ONCE/	CALCUL
PERCENT REMOVAL				****	MD MIN			CENT		MONTH	
SOLIDS, SUSPENDED PERCENT REMOVAL	SAMPLE MEASUREMENT	*****	*****		95%	*****	*****	(23)	0	1/30	C-1
81011 K 0 0	PERMIT REQUIREMENT	*****	*****	****	85	*****	*****	PER-		ONCE/	CALCUL
PERCENT REMOVAL				****	MD MIN			CENT		MONTH	

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.	 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE	DATE		
Exec Director H.J. Schudt Jr TYPED OR PRINTED			502 AREA CODE	241-9093 NUMBER	05 YEAR	05 MO

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



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 # KY0029114 (Cont'd)	Facility ID MSD0292	Treatment Plant Name HUNTING CREEK SOUTH	Receiving Stream of Treatment Plant HARRODS CREEK	Region EAST
Facility Type SLS Sewer Lift Station	Facility ID MSD1063-PS	Facility Address 6210 DEEP CREEK CT	If Pump Station, Name of Pump Station: DEEP CREEK	Receiving Stream HARRODS CREEK
				Discharge to DITCH
Activity Code / Description D.SREV: RAIN EVENT DISCHARGE	WO # 765624	Initiated 04/04/08 04:00 AM	Initiated By MARKS JR	Assigned To KUSTES
			Disch Status DOCUMENTED	Event Date 12/16/00
			Problem LACK OF SYSTEM CAPACITY	Result DISCHARGE TO WATERS OF THE US
				Completed 04/04/08 08:00 PM

Spot Inspections:

Discharge Amount:	14,420 GAL
Cause:	LACK OF SYSTEM CAPACITY
Clear Up:	NONE POSSIBLE DUE TO MAGNITUDE OF STORM
Control Zone:	TEMPORARY SIGNS POSTED
Impact:	NO IMPACT OBSERVED
Receiv:	THIS LOCATION WILL BE IN THE SANITARY SEWER DISCHARGE PLAN TO BE SUBMITTED BY 12/31/08

Notifications:

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



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 # KY0029114	Facility ID MSD0292	Treatment Plant Name HUNTING CREEK SOUTH	Receiving Stream of Treatment Plant HARRODS CREEK	Region EAST
Facility Type SPL Sewer Treatment Plant	Facility ID MSD0292	Facility Address 6535 MONTERO DR	If Pump Station, Name of Pump Station: HARRODS CREEK	Discharge to STREAM
Activity Code / Description DISREV: RAIN EVENT DISCHARGE	WO # 765708	Initiated 04/04/08 08:00 AM	Initiated By MARKS JR	Assigned To COOMER
			Disch Status DOCUMENTED	Event Date 03/20/08
			Problem BYPASS AT TREATMENT PLANT	Result DISCHARGE TO WATERS OF THE US
				Completed 04/05/08 01:00 PM

Spot Inspections:

Discharge Amount:	117,438 GAL
Cause:	HARRODS CREEK OVERFLOWED INTO LAGOON DUE TO RAIN EVENT
Clean Up:	NONE POSSIBLE DUE TO MAGNITUDE OF STORM
Control Zone:	AREA TAPED OFF; TEMPORARY SIGNS POSTED
Impact:	NO IMPACT OBSERVED
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	Email notification of unauthorized discharge sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
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MSD

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

April 7, 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 South Hunting Creek TP – KPDES Permit KY0029114

Dear Mr. Roth:

This plant experienced a bypass event starting at 08:00 AM on April 4, 2008 and stopping on April 5, 2008 at 1:00 PM. This was reported through our electronic notification system at approximately 1:00 PM on April 4, 2008, referencing Work Order 765708 as a Rain Event Discharge. This letter serves as a written report of the bypass as required by 401 KAR 5:065.

Due recent rain event, Harrods Creek rose from its banks and overflowed into the treatment plant secondary lagoon. We estimate that once the creek reseeded 117,436 gallons of wastewater was bypassed into Harrods Creek. Wastewater received primary, partial secondary treatment and disinfection. No Cleanup was necessary.

Please advise if you have any questions concerning this information. You can contact me at my office 502-241-9093 or via my cell phone 502-648-5984.

Sincerely,

John Kessel
East Region Supervisor

cc: D. Guthrie
D. Thomasson

R. Shaw/File
M. Jenkins

B. Bingham
D. Talley

Angela Akridge



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