



Louisville and Jefferson County Metropolitan Sewer District  
700 West Liberty Street  
Louisville Kentucky 40203-1911  
502-540-6000  
[www.msdlouky.org](http://www.msdlouky.org)

August 24 , 2009

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

Re: **MSD Metro Operations**  
**Hunting Creek South; KPDES No.: KY0029114**  
**Discharge Monitoring Reports – July 2009.**

Dear Ms. Bentley

Attached is the Discharge Monitoring Reports (DMRs) and the Monthly Operator Report (MOR) for the Hunting Creek South WTP, KPDES No.: KY0029114 for the month of July 2009.

This is the revised cover letter for July 2009 DMR's. The cover Letter I sent last month had an incorrect date.

Also inclosed is a Discharge Report.

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

Sincerely,

D.J.Rheinlaender  
Process Supervisor, East Region

DJR/HCS 0709

Enclosures

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



*Beneficial Use of Louisville's Biosolids*  
[www.louisvillegreen.com](http://www.louisvillegreen.com)

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

NAME HUNTING CREEK S WQTC MSD  
ADDRESS C/O CEDAR CREEK WQTC  
8402 CEDAR CREEK RD  
LOUISVILLE KY 40211  
CITY HUNTING CREEK S WQTC MSD  
LOCATION PROSPECT KY 40059  
ATTN DANIEL THOMASSON, SR METRO OPS

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

KY0029114  
PERMIT NUMBER

001 1  
DISCHARGE NUMBER

MINOR  
(SUBR LV)  
7 - FINAL

JEFFE

MONITORING PERIOD

FROM	YEAR	MO	DAY	TO	YEAR	MO	DAY
	07	07	01		07	07	31

MUNICIPAL DISCHARGE  
EFFLUENT

\*\*\* NO DISCHARGE \*\*\*

NOTE: Read Instructions before completing this form.

PARAMETER	SAMPLE MEASUREMENT / PERMIT REQUIREMENT	QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
XYGEN, DISSOLVED (DO)	SAMPLE MEASUREMENT	*****	*****		7	*****	*****	( 19)	0	1/7	CB
0800 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	INST MIN	*****	*****	MG/L		WEEKLY	GRAB
0400 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		6.5	*****	6.7	( 12)	0	1/7	GR
0400 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	5.0 MINIMUM	*****	7.0 MAXIMUM	EU		WEEKLY	GRAB
CLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	150	400	( 26)	*****	169	220	( 19)	0	1/7	CP
0800 2 0 0 AM SEW/INFLUENT	PERMIT REQUIREMENT	REPORT MD AVG	REPORT MX WK AV	LB/DY	*****	REPORT MD AVG	REPORT MX WK AV	MG/L		WEEKLY	COMPOS
CLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	16	38	( 25)	*****	10	16	( 19)	0	1/7	CP
0800 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	63 MD AVG	94 MX WK AV	LB/DY	*****	30 MD AVG	45 MX WK AV	MG/L		WEEKLY	COMPOS
NITROGEN, AMMONIA TOTAL (AS N)	SAMPLE MEASUREMENT	30	35	( 25)	*****	22	29	( 19)	0	1/7	CP
0810 0 0 0 AM SEW/INFLUENT	PERMIT REQUIREMENT	REPORT MD AVG	REPORT MX WK AV	LB/DY	*****	REPORT MD AVG	REPORT MX WK AV	MG/L		WEEKLY	COMPOS
NITROGEN, AMMONIA TOTAL (AS N)	SAMPLE MEASUREMENT	2	3	( 25)	*****	2	2	( 19)	0	1/7	CP
0810 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	4 MD AVG	6 MX WK AV	LB/DY	*****	2 MD AVG	3 MX WK AV	MG/L		WEEKLY	COMPOS
PHOSPHORUS, TOTAL (AS P)	SAMPLE MEASUREMENT	*****	*****		*****	0.41	0.60	( 19)	0	5/21	CP
0865 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT MD AVG	REPORT MX WK AV	MG/L		TWICE/MONTH	COMPOS

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER  
Exec. Dir  
H. J. Edwards, 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
	502 546 1000	09	08	17

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

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)  
 NAME HUNTING CREEK S WQTC MSD  
 ADDRESS C/O CEDAR CREEK WQTC  
 6402 CEDAR CREEK RD  
 LOUISVILLE KY 40211  
 FACILITY HUNTING CREEK S WQTC MSD  
 LOCATION PROSPECT KY 40059  
 TYPED BY DENNIS THOMASSEN, SR METRO DFB

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

KY0029114  
 PERMIT NUMBER  
 DOI 1  
 DISCHARGE NUMBER

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

JEFFE

MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY
09	07	01		09	07	31

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			
LOW, IN CONDUIT OR HRU TREATMENT PLANT	0.209	0.593	(03)	*****	*****	*****	*****	0	CP	CP	
EFFLUENT GROSS VALUE	REPORT	REPORT	30DA AVG	DAILY MX	MGD	*****	*****	0	CONTINUOUS	CONTINUOUS	
FLORINE, TOTAL	*****	*****	*****	*****	*****	*****	*****	0	1/7	GR	
EFFLUENT GROSS VALUE	*****	*****	*****	*****	0.011	0.019	MG/L	0	WEEKLY	GRAB	
EFFLUENT GROSS VALUE	*****	*****	*****	*****	30DA GED	7 DA GED	100ML	0	1/7	GR	
EFFLUENT GROSS VALUE	*****	*****	*****	*****	200	400	#/	0	WEEKLY	GRAB	
OD, CARBONACEOUS 5 DAY, 20C	183	206	(26)	*****	*****	*****	*****	0	1/7	CP	
EFFLUENT GROSS VALUE	REPORT	REPORT	MO AVG	MX WK AV	LBS/DY	REPORT	REPORT	0	WEEKLY	COMPOS	
OD, CARBONACEOUS 5 DAY, 20C	5	7	(26)	*****	*****	*****	*****	0	1/7	CP	
EFFLUENT GROSS VALUE	21	31	MO AVG	MX WK AV	LBS/DY	10	15	0	WEEKLY	COMPOS	
OD, CARB-5 DAY, 20C	*****	*****	*****	*****	*****	*****	*****	0	1/31	CA	
EFFLUENT GROSS VALUE	*****	*****	*****	*****	85	*****	*****	0	UNLESS CALCD	MONTH	
OD, CARB-5 DAY, 20C	*****	*****	*****	*****	*****	*****	*****	0	1/31	CA	
EFFLUENT GROSS VALUE	*****	*****	*****	*****	85	*****	*****	0	UNLESS CALCD	MONTH	

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER  
 EXCPT. DIR  
 H. J. Scherlein 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  
 502 346 8000  
 DATE  
 09 08 17  
 AREA CODE NUMBER YEAR MO DAY

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



Metropolitan Sewer District

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

KPDES # KY0029114	Facility ID MSD0292	Water Quality Treatment Center HUNTING CREEK SOUTH	Receiving Stream of Treatment Center 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	MSD1063-PS	6210 DEEP CREEK CT	DEEP CREEK	HARRODS CREEK	DITCH

Activity Code / Description	WO #	Initiated	Initiated By	Assigned To	Disch Status	Status Date	Problem	Result	Completed	Condition
DISREV: RAIN EVENT DISCHARGE	935766	07/29/09 08:15 AM	MARKS JR	COOMER	DOCUMENTED	12/16/00	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE - WATERS	07/29/09 09:00 AM	

Spot Inspections:

Discharge Amount:	450 GAL
Cause:	LACK OF SYSTEM CAPACITY
Clean Up:	MSD CLEANED & SANITIZED THE AREA
Control Zone:	TEMP SIGNS POSTED
Impact:	SEWAGE OBSERVED
Repair:	SITE FOUND DURING RAIN EVENT RECON- WILL MONITOR & EVALUATE FOR REAPIRS

Notifications:

07/29/09 09:41 AM	DISPUB	public notified by msd web site and temporary signs
07/29/09 01:00 AM	DISNOT	Email notification of unauthorized discharge sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
07/29/09 01:00 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

Total Facilities Printed: 52  
 Total Work Orders Printed: 58

Hunting Creek South

INFLUENT

Date	Flow	Concentration			Pounds		
		TSS	BOD	NH3	TSS	BOD	NH3
7/1/2009	0.146	154	143	29	187.517	174.123	35.312
7/2/2009	0.137						
7/3/2009	0.128						
7/4/2009	0.18						
7/5/2009	0.174						
7/6/2009	0.147						
7/7/2009	0.135						
7/8/2009	0.145	130	170	23	157.209	205.581	27.814
7/9/2009	0.132						
7/10/2009	0.135						
7/11/2009	0.151						
7/12/2009	0.151						
7/13/2009	0.138						
7/14/2009	0.14						
7/15/2009	0.14	220	139	25	256.872	162.296	29.190
7/16/2009	0.163						
7/17/2009	0.126						
7/18/2009	0.147						
7/19/2009	0.149						
7/20/2009	0.113						
7/21/2009	0.137						
7/22/2009	0.282	170	80	12	399.820	188.150	28.223
7/23/2009	0.224						
7/24/2009	0.161						
7/25/2009	0.284						
7/26/2009	0.361						
7/27/2009	0.202						
7/28/2009	0.285						
7/29/2009	0.546						
7/30/2009	0.542						
7/31/2009	0.593						
Average	0.209	169	133	22.25	250.354	182.538	30.135
Maximum	0.593	220	170	29.00	399.8	205.58	35.312

