



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)

November 18, 2010

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

**Re: MSD Metro Operations  
Hunting Creek South; WQTC KPDES No.: KY0029114  
Discharge Monitoring Reports-October 2010.**

Dear Ms. Bentley

Attached are the Discharge Monitoring Reports (DMRs) and the Monthly Operator Report (MOR) for the Hunting Creek South WQTC, KPDES No.: KY0029114 for the month of October 2010.

There were no exceedances or bypass reports for this month.

Also attached is an overflow report.

If you have any questions concerning the attached DMRs, please contact me at (502)587-5856.

Sincerely,

Richard W. Mills  
Process Supervisor, East Region

RWM/HCS 1010

Enclosures

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



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

NAME HUNTING CREEK S WQTC MSD  
ADDRESS C/O CEDAR CREEK WQTC  
8405 CEDAR CREEK RD  
LOUISVILLE KY 40211  
FACILITY HUNTING CREEK S WQTC MSD  
LOCATION PROSPECT KY 40057  
ATTN: DENNIS THOMASSON, SR METRO OPS

KY0029114  
PERMIT NUMBER

001 1  
DISCHARGE NUMBER

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

MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY
00	10	01		00	10	01

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 50050 1 0 0		0.139	0.177	( 03 )	*****	*****	*****				CA CN
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	30DA AVG	DAILY MX	MGD	*****	*****	*****	****			CONTIN. CONTIN.
CHLORINE, TOTAL RESIDUAL 50060 1 0 0		*****	*****		*****	20.010	20.010	( 19 )			1/07 GR
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	*****	0.011	0.019	MG/L			WEEKLY
COLOR, GENERAL 74055 1 0 0		*****	*****	****	*****	2	31	( 13 )			1/07 GR
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	*****	200	400	100ML			WEEKLY
BOD, CARBONACEOUS 5 DAY, 20C 50082 0 0 0		173	237	( 26 )	*****	145	220	( 17 )			1/07 CP
RAW SEW/INFLUENT	PERMIT REQUIREMENT	REPORT	REPORT	LBS/DY	*****	REPORT	REPORT	MG/L			WEEKLY
BOD, CARBONACEOUS 5 DAY, 20C 50082 1 0 0		5	12	( 26 )	*****	4	9	( 17 )			1/07 CP
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	21	31	LBS/DY	*****	10	15	MG/L			WEEKLY
BOD, CARB-5 DAY, 20 DEG C, PERCENT REMVL 50091 0 0 0		*****	*****		97	*****	*****	( 20 )			1/31 CA
PERCENT REMOVAL	PERMIT REQUIREMENT	*****	*****	****	85	*****	*****	PER-CENT			ONCE / MONTH
SOLIDS, SUSPENDED PERCENT REMOVAL 51011 0 0 0		*****	*****		97	*****	*****	( 20 )			1/31 CA
PERCENT REMOVAL	PERMIT REQUIREMENT	*****	*****	****	85	*****	*****	PER-CENT			ONCE / MONTH

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER  
H.J. Schindler Jr.  
Exec. Director  
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.

Richard W. Mills  
SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE 32 546-6000  
DATE 10 11 17  
AREA CODE NUMBER YEAR MO DAY

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

NAME HUNTING CREEK S WQTC MSD  
 ADDRESS C/O CEDAR CREEK WQTC  
 8405 CEDAR CREEK RD  
 LOUISVILLE KY 40211  
 FACILITY HUNTING CREEK S WQTC MSD  
 LOCATION PROSPECT KY 40057  
 ATTN: DENNIS THOMASSON, SR METRO OPS

KY0029114  
 PERMIT NUMBER

001 1  
 DISCHARGE NUMBER

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

MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY
20	10	01		20	10	01

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) 00300 1 0 0 EFFLUENT GROSS VALUE	*****	*****	*****	*****	7	*****	*****	( 17 )	0	10/7	CR
	PERMIT REQUIREMENT	*****	*****	*****	INST. MIN	*****	*****	MG/L		WEEKLY	SRAD
PH 00400 1 0 0 EFFLUENT GROSS VALUE	*****	*****	*****	*****	6.9	*****	7.1	( 12 )	0	10/7	CR
	PERMIT REQUIREMENT	*****	*****	*****	MINIMUM	*****	MAXIMUM	SU		WEEKLY	SRAD
SOLIDS, TOTAL SUSPENDED 00530 6 0 0 RAW SEW/INFLUENT	*****	202	382	( 26 )	*****	163	296	( 17 )	0	07/31	CP
	PERMIT REQUIREMENT	REPORT MO AVG	REPORT MX WK AV	LBS/DY	*****	REPORT MO AVG	REPORT MX WK AV	MS/L		WEEKLY	JUMP US
SOLIDS, TOTAL SUSPENDED 00530 1 0 0 EFFLUENT GROSS VALUE	*****	25	57	( 26 )	*****	21	29	( 17 )	0	07/31	CP
	PERMIT REQUIREMENT	63	94	LBS/DY	*****	30	45	MS/L		WEEKLY	JUMP US
NITROGEN, AMMONIA TOTAL (AS N) 00610 9 0 0 RAW SEW/INFLUENT	*****	29	32	( 26 )	*****	23	27	( 17 )	0	10/7	CP
	PERMIT REQUIREMENT	REPORT MO AVG	REPORT MX WK AV	LBS/DY	*****	REPORT MO AVG	REPORT MX WK AV	MS/L		WEEKLY	JUMP US
NITROGEN, AMMONIA TOTAL (AS N) 00610 1 1 0 EFFLUENT GROSS VALUE	*****	0.3	0.7	( 26 )	*****	0.3	0.6	( 17 )	0	10/7	CP
	PERMIT REQUIREMENT	4	5	LBS/DY	*****	2	3	MS/L		WEEKLY	JUMP US
PHOSPHORUS, TOTAL (AS P) 00665 1 0 0 EFFLUENT GROSS VALUE	*****	*****	*****	*****	*****	0.54	1.0	( 17 )	0	05/31	CP
	PERMIT REQUIREMENT	*****	*****	*****	*****	REPORT MO AVG	REPORT MX WK AV	MS/L		WEEKLY	JUMP US

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER  
 H.J. Scharkein Jr.  
 Exec. Director  
 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  
 Signature: *Richard W. Mills*

TELEPHONE: 52546-6000  
 DATE: 10 11 17  
 AREA CODE NUMBER YEAR MO DAY

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



Hunting Creek South

Date	Flow	INFLUENT Concentration			Pounds		
		TSS	BOD	NH3	TSS	BOD	NH3
10/1/2010	0.111						
10/2/2010	0.133						
10/3/2010	0.142	106	197	27	125.534	233.303	31.976
10/4/2010	0.133						
10/5/2010	0.142						
10/6/2010	0.125	296			308.580		
10/7/2010	0.133						
10/8/2010	0.125						
10/9/2010	0.128						
10/10/2010	0.129	218	220	25	234.537	236.689	26.897
10/11/2010	0.138						
10/12/2010	0.139						
10/13/2010	0.177	120			177.142		
10/14/2010	0.176	260			381.638		
10/15/2010	0.139						
10/16/2010	0.136						
10/17/2010	0.162	52	98	21	70.256	132.406	28.373
10/18/2010	0.149						
10/19/2010	0.137						
10/20/2010	0.132						
10/21/2010	0.132						
10/22/2010	0.122						
10/23/2010	0.13						
10/24/2010	0.153						
10/25/2010	0.159						
10/26/2010	0.165	86	66	20	118.345	90.823	27.522
10/27/2010	0.149						
10/28/2010	0.13						
10/29/2010	0.118						
10/30/2010	0.13						
10/31/2010	0.13						
Average	0.139	163	145	23.25	202.290	173.305	28.692
Maximum	0.177	296	220	27.00	381.6	236.69	31.976



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

<b>KPDES #</b> KY0029114	<b>Facility ID</b> MSD0292	<b>Water Quality Treatment Center</b> HUNTING CREEK SOUTH	<b>Receiving Stream of Treatment Center</b> HARRODS CREEK	<b>Region</b> EAST
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<b>Facility Type</b> SLS Sewer Lift Station	<b>Facility ID</b> MSD1064-PS	<b>Facility Address</b> 8619 WESTOVER DR	<b>If Pump Station, Name of Pump Station:</b> WESTOVER	<b>Receiving Stream</b> HARRODS CREEK	<b>Discharge to</b> DITCH
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<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	1156201	10/25/10 05:02 PM	MARKS JR	KARCHER	REPAIRED - ISSUE RESOLVED	10/25/10	MECHANICAL FAILURE	UNAUTHORIZED DISCHARGE - WATERS	10/25/10 05:35 PM	

**Spot Inspections:**

Discharge Amount:	1,000 GAL
Cause:	HOME OWNER DRAINING POOL
Clean Up:	NO CLEAN UP REQUIRED ONLY CLEAR WATER
Control Zone:	TEMPORARY SIGNS POSTED
Impact:	CLEAR WATER ON GROUND
Repair:	MSD CONTRACTOR IS HAULING STATION UNTILL DISCHARGE STOPS

**Notifications:**

10/25/10 01:00 PM	DISNOT	Email notification of unauthorized discharge sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
10/25/10 03:58 PM	DISPUB	msd notified public with its website and temporary signs were posted to warn public.