



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

March 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 – February 2010.**

Dear Ms. Bentley

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

There are no exceedences or bypass reports for this month.
Also attached is a Overflow Report.

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

Sincerely,

D.J. Rheinlaender
Process Supervisor, East Region

DJR/HCS 0310

Enclosures

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



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

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

NAME HUNTING CREEK S WGTG MSD
ADDRESS C/O CEDAR CREEK WGTG
6435 CEDAR CREEK RD
LOUISVILLE KY 40211
FACILITY HUNTING CREEK S WGTG MSD
LOCATION PROSPECT KY 40059
ATTN: DORRIS THOMAS/DR BR METRO DPS

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

PERMIT NUMBER KY0025114
DISCHARGE NUMBER 001

MINOR
(SUPP LV)
F - FINAL
MUNICIPAL DISCHARGE
EFFLUENT

JEFFE

MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY
10	02	01	TO	10	02	25

FROM

TO

*** 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			
OXYGEN, DISSOLVED (DO)		*****	*****		10	*****	*****	(19)	0	1/7	GR
00300	PERMIT REQUIREMENT	*****	*****	****	INST MIN	*****	*****	MG/L		WEEKLY	GRAB
EFFLUENT GROSS VALUE		*****	*****		7.6	*****	8.1	(12)	0	1/7	GR
PH	PERMIT REQUIREMENT	*****	*****	****	MINIMUM	*****	MAXIMUM	GU		WEEKLY	GRAB
00400		*****	*****		*****	*****	*****	(19)	0	1/7	CP
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	MINIMUM	*****	MAXIMUM	GU		WEEKLY	GRAB
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	153	214	(28)	*****	94	134	(19)	0	1/7	CP
00500	PERMIT REQUIREMENT	REPORT	REPORT		*****	REPORT	REPORT	(19)		WEEKLY	CUMUL
RAW SEW/INFLUENT		MO AVG	MX WK AV	LBS/DY	*****	MO AVG	MX WK AV	MG/L			
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	9	12	(25)	*****	6	8	(19)	0	1/7	CP
00600	PERMIT REQUIREMENT	MO AVG	MX WK AV	LBS/DY	*****	MO AVG	MX WK AV	MG/L		WEEKLY	CUMUL
EFFLUENT GROSS VALUE		MO AVG	MX WK AV	LBS/DY	*****	MO AVG	MX WK AV	MG/L			
NITROGEN, AMMONIA TOTAL (AS N)	SAMPLE MEASUREMENT	23	34	(26)	*****	15	23	(19)	0	1/7	CP
00610	PERMIT REQUIREMENT	REPORT	REPORT		*****	REPORT	REPORT	(19)		WEEKLY	CUMUL
RAW SEW/INFLUENT		MO AVG	MX WK AV	LBS/DY	*****	MO AVG	MX WK AV	MG/L			
NITROGEN, AMMONIA TOTAL (AS N)	SAMPLE MEASUREMENT	1	2	(26)	*****	0.6	1.2	(19)	0	1/7	CP
00610	PERMIT REQUIREMENT	MO AVG	MX WK AV	LBS/DY	*****	MO AVG	MX WK AV	MG/L		WEEKLY	CUMUL
EFFLUENT GROSS VALUE		MO AVG	MX WK AV	LBS/DY	*****	MO AVG	MX WK AV	MG/L			
PHOSPHORUS, TOTAL (AS P)	SAMPLE MEASUREMENT	0.32	0.35	(19)	*****	0.32	0.35	(19)	0	1/7	CP
00640	PERMIT REQUIREMENT	REPORT	REPORT		*****	REPORT	REPORT	(19)		WEEKLY	CUMUL
EFFLUENT GROSS VALUE		MO AVG	MX WK AV	MG/L	*****	MO AVG	MX WK AV	MG/L			

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER <i>Eric Dill</i> <i>H. J. Subandrio</i> 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 <i>[Signature]</i>	TELEPHONE		DATE		
			AREA CODE	NUMBER	YEAR	MO	DAY
			502	546-1000	10	3	16

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
 8405 CEDAR CREEK RD
 LOUISVILLE KY 40211
 FACILITY HUNTING CREEK S WQTC MSD
 LOCATION PROSPECT KY 40059
 ATTN: DINNIS THOMASSON, SR METRO OPS

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

PERMIT NUMBER KY002-114
 DISCHARGE NUMBER 0013

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

Form Approved.
 OMB No. 2040-0004

MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY
10	02	01		10	02	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			
FLOW IN CONDUIT OR THRU TREATMENT PLANT	0.221	0.374	(G3)	*****	*****	*****			C/W	C/W
EFFLUENT GROSS VALUE	REPORT	REPORT	MOD	*****	*****	*****	***		CONTINUOUS	MODUS
CHLORINE, TOTAL RESIDUAL	*****	*****		*****	40.010	40.010	(19)		1/7	CR
EFFLUENT GROSS VALUE	*****	*****	***	*****	0.011	0.017	MG/L		WEEKLY	GRAB
COLIFORM, FECAL GENERAL	*****	*****	***	*****	1	1	(13)		1/7	CR
EFFLUENT GROSS VALUE	*****	*****	***	*****	200	400	1/		WEEKLY	GRAB
BOD, CARBONACEOUS 5 DAY, 20C	171	196	(26)	*****	107	136	(19)		1/7	CP
EFFLUENT GROSS VALUE	REPORT	REPORT	LBS/DY	*****	REPORT	REPORT	MG/L		WEEKLY	COMPOS
BOD, CARBONACEOUS 5 DAY, 20C	5	7	(26)	*****	3	4	(19)		1/7	CP
EFFLUENT GROSS VALUE	REPORT	REPORT	LBS/DY	*****	10	15	MG/L		WEEKLY	COMPOS
BOD, 5 DAY 20C	*****	*****		*****	97		(23)		1/28	CA
PERCENT REMOVAL	*****	*****	***	*****	85	*****	PER-CENT		ONCE / MONTH	PERCENT
SOLIDS, SUSPENDED	*****	*****		*****	94		(23)		1/28	CA
PERCENT REMOVAL	*****	*****	***	*****	85	*****	PER-CENT		ONCE / MONTH	PERCENT

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
 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 NUMBER 502-596-6000
 DATE YEAR 10 MO 3 DAY 16

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

Hunting Creek South

INFLUENT

Date	Flow	Concentration			Pounds		
		TSS	BOD	NH3	TSS	BOD	NH3
2/1/2010	0.188						
2/2/2010	0.163						
2/3/2010	0.158	64	130	17	84.334	171.304	22.401
2/4/2010	0.162						
2/5/2010	0.325						
2/6/2010	0.374						
2/7/2010	0.278						
2/8/2010	0.233						
2/9/2010	0.226						
2/10/2010	0.214	120	110	8.51	214.171	196.324	15.188
2/11/2010	0.189						
2/12/2010	0.179						
2/13/2010	0.193						
2/14/2010	0.191						
2/15/2010	0.188						
2/16/2010	0.183						
2/17/2010	0.179	134	108	23	200.043	161.229	34.336
2/18/2010	0.177						
2/19/2010	0.181						
2/20/2010	0.228						
2/21/2010	0.286						
2/22/2010	0.318						
2/23/2010	0.274						
2/24/2010	0.236	58	78	10.75	114.158	153.523	21.159
2/25/2010	0.23						
2/26/2010	0.203						
2/27/2010	0.221						
2/28/2010	0.217						
3/1/2010							
3/2/2010							
3/3/2010							
Average	0.221	94	107	14.82	153.177	170.595	23.271
Maximum	0.374	134	130	23.00	214.2	196.32	34.336



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

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	Event Date	Problem	Result	Completed	Condition
DISREV: RAIN EVENT DISCHARGE	1011562	02/05/10 04:50 PM	ELDER	RHEINLAENDE R JR	DOCUMENTED	12/16/00	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE - WATERS	02/05/10 05:00 PM	

Spot Inspections:

Discharge Amount	150 GAL
Cause:	LACK OF CAPACITY, OVERFLOW DUE TO RAIN EVENT IN AREA.
Clean Up:	MSD CLEANED, SANITIZED & LIMED THE AREA
Control Zone:	TEMPORARY SIGNS POSTED
Impact:	NO IMPACT OBSERVED
Repair:	HAULOP WO# 1011561 TO ELIMINATE OVERFLOW

Notifications:

02/05/10 01:00 PM	DISNOT	Email notification of unauthorized discharge sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
02/05/10 01:00 PM	DISSNO	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
02/05/10 04:50 PM	DISPUB	TEMPORARY SIGNS POSTED