



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

December 16, 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-November 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 November 2010.

There were no exceedances, bypass reports or overflow reports for this month.

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 1110

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 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: DENNIS THOMASSON, SR METRO OPS

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

AY0029114
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
10	11	01		10	11	01

FROM

TO

NOTE: Read Instructions before completing this form.

PARAMETER	X	QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
OXYGEN, DISSOLVED (DD)	SAMPLE MEASUREMENT	*****	*****		7	*****	*****	(15)	0	1/7	GR
00300 1 0 0	PERMIT REQUIREMENT	*****	*****	****	7	*****	*****	MG/L		WEEKLY	GR
EFFLUENT GROSS VALUE				****	INST MIN						
PH	SAMPLE MEASUREMENT	*****	*****		6.9	*****	7.0	(12)	0	1/7	GR
00400 1 0 0	PERMIT REQUIREMENT	*****	*****	****	6.0	*****	7.0	MG/L		WEEKLY	GR
EFFLUENT GROSS VALUE				****	MINIMUM		MAXIMUM	50			
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	RM 198 296	RM 198 511	(26)	*****	RM 316 270	RM 466 464	(15)	0	1/7	CP
00530 0 0 0	PERMIT REQUIREMENT	REPORT	REPORT		*****	REPORT	REPORT	MG/L		WEEKLY	JUMPUS
RAW SEW/INFLUENT		MD AVG	MX WK AV	LBS/DY		MD AVG	MX WK AV				
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	16	27	(26)	*****	14	23	(15)	0	1/7	CP
00530 1 0 0	PERMIT REQUIREMENT	63	94		*****	30	45	MG/L		WEEKLY	JUMPUS
EFFLUENT GROSS VALUE		MD AVG	MX WK AV	LBS/DY		MD AVG	MX WK AV				
NITROGEN, AMMONIA TOTAL (AS N)	SAMPLE MEASUREMENT	25	27	(26)	*****	23	23	(15)	0	1/7	CP
00610 0 0 0	PERMIT REQUIREMENT	REPORT	REPORT		*****	REPORT	REPORT	MG/L		WEEKLY	JUMPUS
RAW SEW/INFLUENT		MD AVG	MX WK AV	LBS/DY		MD AVG	MX WK AV				
NITROGEN, AMMONIA TOTAL (AS N)	SAMPLE MEASUREMENT	1	1	(26)	*****	0.5	1.0	(15)	0	1/7	CP
00610 1 2 0	PERMIT REQUIREMENT	11	15		*****	5	7.5	MG/L		WEEKLY	JUMPUS
EFFLUENT GROSS VALUE		MD AVG	MX WK AV	LBS/DY		MD AVG	MX WK AV				
PHOSPHORUS, TOTAL (AS P)	SAMPLE MEASUREMENT	*****	*****		*****	0.41	0.51	(15)	0	1/7	CP
00665 1 0 0	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT	REPORT	MG/L		WEEKLY	JUMPUS
EFFLUENT GROSS VALUE				****		MD AVG	MX WK AV			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.				TELEPHONE		DATE			
HJ Schardein Executive Director											
TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT				502 540-6000		10 12 10			
						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)

NAME HUNTING CREEK S WQTC MSD

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8405 CEDAR CREEK RD

LOUISVILLE

KY 40211

FACILITY HUNTING CREEK S WQTC MSD

LOCATION PROSPECT

KY 40059

ATTN: DENNIS THOMASSON, SR. METRO OPS

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

Form Approved.
OMB No. 2040-0004

WY0029114
PERMIT NUMBER

001 1
DISCHARGE NUMBER

MINOR

(SUBR LV)

F - FINAL

MUNICIPAL DISCHARGE

EFFLUENT

*** NO DISCHARGE 1 1 ***

NOTE: Read Instructions before completing this form.

PARAMETER	X	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	0.185	0.563	(03)	*****	*****	*****		0	CN	CN
50050 1 0 0	PERMIT REQUIREMENT	REPORT	REPORT		*****	*****	*****	****		CONTIN	CONTIN
EFFLUENT GROSS VALUE		30DA AVG	DAILY MX	MGD				****		UDUS	
CHLORINE, TOTAL RESIDUAL	SAMPLE MEASUREMENT	*****	*****		*****	<0.010	<0.010	(17)	0	1/7	GR
50060 1 0 0	PERMIT REQUIREMENT	*****	*****	****	*****	0.011	0.017			WEEKLY	WEEKLY
EFFLUENT GROSS VALUE				****		MG AVG	MX WK AV	MG/L			
COLIFORM, FECAL GENERAL	SAMPLE MEASUREMENT	*****	*****		*****	2	23	(18)	0	1/7	GR
74035 1 0 0	PERMIT REQUIREMENT	*****	*****	****	*****	200	400			WEEKLY	WEEKLY
EFFLUENT GROSS VALUE				****		30DA GED	7 DA GED	100ML			
BOD, CARBONACEOUS 5 DAY, 20C	SAMPLE MEASUREMENT	207	401	(26)	*****	186	364	(17)	0	1/7	CP
80082 9 0 0	PERMIT REQUIREMENT	REPORT	REPORT		*****	REPORT	REPORT			WEEKLY	WEEKLY
RAW SEW/INFLUENT		MG AVG	MX WK AV	LBS/DY		MG AVG	MX WK AV	MG/L			
BOD, CARBONACEOUS 5 DAY, 20C	SAMPLE MEASUREMENT	4	6	(26)	*****	3	5	(17)	0	1/7	CP
80082 1 0 0	PERMIT REQUIREMENT	21	31		*****	10	15			WEEKLY	WEEKLY
EFFLUENT GROSS VALUE		MG AVG	MX WK AV	LBS/DY		MG AVG	MX WK AV	MG/L			
BOD, CARB-5 DAY, 20 DEG C, PERCENT REMVL	SAMPLE MEASUREMENT	*****	*****		98	*****	*****	(23)	0	1/30	CH
80091 1 0 0	PERMIT REQUIREMENT	*****	*****	****	ES	*****	*****	PER-CENT		WEEKLY	WEEKLY
PERCENT REMOVAL				****	MO MIN					MONTH	
SOLIDS, SUSPENDED PERCENT REMOVAL	SAMPLE MEASUREMENT	*****	*****		95	*****	*****	(23)	0	1/30	CH
81011 1 0 0	PERMIT REQUIREMENT	*****	*****	****	ES	*****	*****	PER-CENT		WEEKLY	WEEKLY
PERCENT REMOVAL				****	MO MIN					MONTH	
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H. J. Schardein Executive Director						502.540.6000		10 12 10			
TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT				AREA CODE		NUMBER			

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

[illegible]

Hunting Creek South

INFLUENT								
Date	Flow	Concentration			Pounds			
		TSS	BOD	NH3	TSS	BOD	NH3	
11/1/2010	0.132	464	364	22	510.808	400.720	24.219	
11/2/2010	0.127							
11/3/2010	0.119							
11/4/2010	0.126							
11/5/2010	0.127							
11/6/2010	0.126							
11/7/2010	0.139							
11/8/2010	0.127	324	74	22	343.174	78.379	23.302	
11/9/2010	0.125							
11/10/2010	0.127							
11/11/2010	0.115							
11/12/2010	0.124							
11/13/2010	0.129							
11/14/2010	0.137							
11/15/2010	0.14	106	185	23	123.766	216.006	26.855	
11/16/2010	0.214							
11/17/2010	0.196							
11/18/2010	0.161							
11/19/2010	0.134							
11/20/2010	0.136							
11/21/2010	0.145							
11/22/2010	0.134	186	119	23	207.866	132.990	25.704	
11/23/2010	0.162							
11/24/2010	0.248							
11/25/2010	0.563							
11/26/2010	0.405							
11/27/2010	0.257							
11/28/2010	0.211							
11/29/2010	0.194							
11/30/2010	0.482							
12/1/2010								
Average	0.185	270	186	22.50	296.404	207.024	25.020	
Maximum	0.563	464	364	23.00	510.8	400.72	26.855	