



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

November 18, 2010

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

**Re: MSD Metro Operations  
Hunting Creek North; WQTC KPDES No.: KY0029106  
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 North WQTC, KPDES No.: KY0029106 for the month of October 2010.

There are no exceedances, overflow reports or bypass 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/HCN 1010

Enclosures

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



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

NAME HUNTING CREEK N WQTC MSD  
 ADDRESS C/O CEDAR CREEK WQTC  
 8406 CEDAR CREEK RD  
 LOUISVILLE KY 40211  
 FACILITY HUNTING CREEK N WQTC MSD  
 LOCATION PROSPECT KY 40059  
 ATTN: DENNIS THOMASSON, SR METRO OPS

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

XY0029108 PERMIT NUMBER  
 0011 DISCHARGE NUMBER

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

MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY
10	10	01		10	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)	*****	*****			8	*****	*****	( 19 )	0	1/02	CR
00300 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	INST MIN	*****	*****	MG/L		WEEKLY	SPAD
PH	*****	*****			7.1	*****	7.3	( 12 )	0	1/02	CR
00400 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	MINIMUM	*****	MAXIMUM	SU		WEEKLY	SPAD
SOLIDS, TOTAL SUSPENDED	*****	*****		( 26 )	*****	*****	*****	( 19 )	0	1/02	CP
00500 0 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	*****	*****		( 26 )	*****	*****	*****	( 19 )	0	1/02	CP
00600 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	MD AVG	MX WK AV	LBS/DY	*****	MD AVG	MX WK AV	MG/L		WEEKLY	COMPOS
NITROGEN, AMMONIA TOTAL (AS N)	*****	*****		( 26 )	*****	*****	*****	( 19 )	0	1/02	CP
00610 0 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)	*****	*****		( 26 )	*****	*****	*****	( 19 )	0	1/02	CP
00610 1 1 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	MD AVG	MX WK AV	LBS/DY	*****	MD AVG	MX WK AV	MG/L		WEEKLY	COMPOS
PHOSPHORUS, TOTAL (AS P)	*****	*****		( 26 )	*****	*****	*****	( 19 )	0	1/02	CP
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  
 H. J. Schurlein 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. Miller  
 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE 502 540-6000  
 DATE 10 11 17  
 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 N WQTC MSD  
 ADDRESS C/D CEDAR CREEK WQTC  
 8405 CEDAR CREEK RD  
 LOUISVILLE KY 40211  
 FACILITY HUNTING CREEK N WQTC MSD  
 LOCATION PROSPECT KY 40059  
 ATTN: DENNIS THOMASSON, SR METRO DPS

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

Form Approved.  
 OMB No. 2040-0004

KY0029106  
 PERMIT NUMBER

001 1  
 DISCHARGE NUMBER

MINOR  
 (SUBR LV)  
 F - FINAL  
 MUNICIPAL DISCHARGE  
 EFFLUENT  
 \*\*\* NO DISCHARGE 1 11 \*\*\*

MONITORING PERIOD							
FROM	YEAR	MO	DAY	TO	YEAR	MO	DAY
	10	10	01		10	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 80050 1 0 0 EFFLUENT GROSS VALUE	0.123	0.135	( CB )	*****	*****	*****	*****	*****	0	CN	CN				
	PERMIT REQUIREMENT	REPORT	REPORT		*****	*****	*****	*****							
CHLORINE, TOTAL RESIDUAL 80060 1 0 0 EFFLUENT GROSS VALUE	*****	*****	*****	*****	*****	<0.010	<0.010	( 19 )	0	1/07	CR				
	PERMIT REQUIREMENT	*****	*****	*****	*****	0.011	0.011	MD AVG	DAILY MX	MG/L					
COLIFORM, FECAL GENERAL 74055 1 0 0 EFFLUENT GROSS VALUE	*****	*****	*****	*****	*****	2	4	( 18 )	0	1/07	CR				
	PERMIT REQUIREMENT	*****	*****	*****	*****	200	400	30 DA GED	7 DA GED	100ML					
BOD, CARBONACEOUS 05 DAY, 20C 80082 0 0 0 RAW SEW/INFLUENT	292	386	( 26 )	*****	*****	253	343	( 19 )	0	1/07	CP				
	PERMIT REQUIREMENT	REPORT	REPORT		*****	REPORT	REPORT								
BOD, CARBONACEOUS 05 DAY, 20C 80082 1 0 0 EFFLUENT GROSS VALUE	2	2	( 26 )	*****	*****	2	2	( 19 )	0	1/07	CP				
	PERMIT REQUIREMENT	30	45	*****	*****	10	15	MD AVG	MX WK AV	MG/L					
BOD, CARB-5 DAY, 20 DEG C, PERCENT REMOVAL 80091 K 0 0 PERCENT REMOVAL	*****	*****	*****	*****	99	*****	*****	( 25 )	0	1/31	CA				
	PERMIT REQUIREMENT	*****	*****	*****	85	*****	*****	PER-CENT		MONTH					
SOLIDS, SUSPENDED PERCENT REMOVAL 81011 K 0 0 PERCENT REMOVAL	*****	*****	*****	*****	97	*****	*****	( 25 )	0	1/31	CA				
	PERMIT REQUIREMENT	*****	*****	*****	85	*****	*****	PER-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.				Richard W. Mills			TELEPHONE		DATE					
TYPED OR PRINTED								SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT		502	510-6000	10	11	17	
COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)											AREA CODE	NUMBER	YEAR	MO	DAY



Hunting Creek North

Date	Flow	INFLUENT Concentration			Pounds		
		TSS	BOD	NH3	TSS	BOD	NH3
10/1/2010	0.119						
10/2/2010	0.13						
10/3/2010	0.132	342	296	36	376.501	325.860	39.632
10/4/2010	0.143						
10/5/2010	0.124						
10/6/2010	0.128						
10/7/2010	0.138						
10/8/2010	0.141						
10/9/2010	0.132						
10/10/2010	0.135	296	343	46	333.266	386.184	51.791
10/11/2010	0.137						
10/12/2010	0.121						
10/13/2010	0.155						
10/14/2010	0.146						
10/15/2010	0.128						
10/16/2010	0.128						
10/17/2010	0.142	134	173	40	158.694	204.880	47.371
10/18/2010	0.133						
10/19/2010	0.131						
10/20/2010	0.141						
10/21/2010	0.132						
10/22/2010	0.127						
10/23/2010	0.128						
10/24/2010	0.155						
10/25/2010	0.148						
10/26/2010	0.153	206	198	38	262.860	252.652	48.489
10/27/2010	0.147						
10/28/2010	0.129						
10/29/2010	0.123						
10/30/2010	0.135						
10/31/2010	0.135						
Average	0.123	245	253	40.00	282.830	292.394	46.821
Maximum	0.135	342	343	46.00	376.5	386.18	51.791