



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

December 15, 2009

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 -November 2009**

Dear Ms. Bentley

Attached is the Discharge Monitoring Reports (DMRs) and the Monthly Operator Report (MOR) for the Hunting Creek North WQTC, KPDES No.: KY0029106 for the month of November 2009.

There are no exceedences , 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,

D.J. Rheinlaender
Process Supervisor - Operations

DJR/HCN 1109

Enclosures

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



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

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

NAME HUNTING CREEK N WQTC MSD
 ADDRESS C/O CEDAR CREEK WQTC
 3405 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)

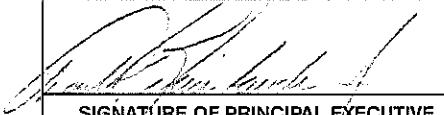
XY0029106
 PERMIT NUMBER
 001 1
 DISCHARGE NUMBER

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

MONITORING PERIOD
 FROM YEAR MO DAY TO YEAR MO DAY
 07 11 01 07 11 09

NOTE: Read Instructions before completing this form.

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
OXYGEN, DISSOLVED (DO)	SAMPLE MEASUREMENT	*****	*****		8	*****	*****	(19)	0	1/7	GR
00300 1 0 0	PERMIT REQUIREMENT	*****	*****	****	INST MIN	*****	*****	MG/L		WEEKLY	GRAB
EFFLUENT GROSS VALUE											
PH	SAMPLE MEASUREMENT	*****	*****		7.5	*****	*****	(12)	0	1/7	GR
00400 1 0 0	PERMIT REQUIREMENT	*****	*****	****	5.0 MINIMUM	*****	7.0 MAXIMUM	SU		WEEKLY	GRAB
EFFLUENT GROSS VALUE											
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	362	844	(20)	*****	205	506	(19)	0	1/7	CP
00500 1 0 0	PERMIT REQUIREMENT	REPORT MD AVG	REPORT MX WK AV	LBS/DY	*****	REPORT MD AVG	REPORT MX WK AV	MG/L		WEEKLY	COMPOS
RAW SEW/INFLUENT											
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	11	15	(20)	*****	6	7	(19)	0	1/7	CP
00600 1 0 0	PERMIT REQUIREMENT	REPORT MD AVG	REPORT MX WK AV	LBS/DY	*****	REPORT MD AVG	REPORT MX WK AV	MG/L		WEEKLY	COMPOS
EFFLUENT GROSS VALUE											
NITROGEN, AMMONIA TOTAL (AS N)	SAMPLE MEASUREMENT	36	51	(20)	*****	21	33	(19)	0	1/7	CP
00610 0 0 0	PERMIT REQUIREMENT	REPORT MD AVG	REPORT MX WK AV	LBS/DY	*****	REPORT MD AVG	REPORT MX WK AV	MG/L		WEEKLY	COMPOS
RAW SEW/INFLUENT											
NITROGEN, AMMONIA TOTAL (AS N)	SAMPLE MEASUREMENT	0.2	1	(20)	*****	0.1	0.3	(19)	0	1/7	CP
00630 1 2 0	PERMIT REQUIREMENT	REPORT MD AVG	REPORT MX WK AV	LBS/DY	*****	REPORT MD AVG	REPORT MX WK AV	MG/L		WEEKLY	COMPOS
EFFLUENT GROSS VALUE											
PHOSPHORUS, TOTAL (AS P)	SAMPLE MEASUREMENT	*****	*****		*****	0.54	0.68	(19)	0	1/7	CP
00645 1 0 0	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT MD AVG	REPORT MX WK AV	MG/L		WEEKLY	COMPOS
EFFLUENT GROSS VALUE											

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER EXCUT. DIR H. J. Schneider 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

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

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)
NAME HUNTING CREEK W WQTC MSD
ADDRESS C/O CEDAR CREEK WQTC
3405 CEDAR CREEK RD
LOUISVILLE KY 40211
FACILITY HUNTING CREEK W WQTC MSD
LOCATION PROSPECT KY 40059
ATTN: DENNIS THOMASSON, SR. METRO OPS

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)
KY0029106
PERMIT NUMBER
001 1
DISCHARGE NUMBER

MINOR
(SUBK LV)
F - FINAL
MUNICIPAL DISCHARGE
EFFLUENT
*** NO DISCHARGE [] ***
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	0.212	0.358	(G3)	*****	*****	*****		0	C/N	C/N
50080 1 0 0	PERMIT REQUIREMENT	REPORT 30DA AVG	REPORT DAILY MX	MGD	*****	*****	*****	****		CONTINUOUS	
EFFLUENT GROSS VALUE								****		UDUS	
CHLORINE, TOTAL RESIDUAL	SAMPLE MEASUREMENT	*****	*****		*****	40.010	40.010	(17)	0	1/7	GR
50060 1 0 0	PERMIT REQUIREMENT	*****	*****	****	*****	0.011 MD AVG	0.019 DAILY MX	MG/L		WEEKLY	GRAB
EFFLUENT GROSS VALUE				****							
COLIFORM FECAL GENERAL	SAMPLE MEASUREMENT	*****	*****		*****	1	1	(13)	0	1/7	GR
74080 1 0 0	PERMIT REQUIREMENT	*****	*****	****	*****	200 30DA GEO	400 7 DA GEO	#/ 100ML		WEEKLY	GRAB
EFFLUENT GROSS VALUE				****							
BOD, CARBONACEOUS 5 DAY, 20C	SAMPLE MEASUREMENT	288	524	(25)	*****	162	314	(17)	0	1/7	CP
50082 1 0 0	PERMIT REQUIREMENT	REPORT MD AVG	REPORT MX WK AV	LBS/DY	*****	REPORT MD AVG	REPORT MX WK AV	MG/L		WEEKLY	COMPOS
RAW SEW/INFLUENT											
BOD, CARBONACEOUS 5 DAY, 20C	SAMPLE MEASUREMENT	5	9	(25)	*****	3	4	(17)	0	1/7	CP
50082 1 0 0	PERMIT REQUIREMENT	MD AVG	MX WK AV	LBS/DY	*****	MD AVG	MX WK AV	MG/L		WEEKLY	COMPOS
EFFLUENT GROSS VALUE											
BOD, CARB-5 DAY, 20C	SAMPLE MEASUREMENT	*****	*****		*****	98		(23)	0	1/30	CA
50091 1 0 0	PERMIT REQUIREMENT	*****	*****	****	*****	MD MIN	PER-CENT	PER-CENT		ONCE / MONTH	CALCUL
PERCENT REMOVAL				****							
SOLIDS, SUSPENDED PERCENT REMOVAL	SAMPLE MEASUREMENT	*****	*****		*****	97		(23)	0	1/30	CA
51011 1 0 0	PERMIT REQUIREMENT	*****	*****	****	*****	MD MIN	PER-CENT	PER-CENT		ONCE / MONTH	CALCUL
PERCENT REMOVAL				****							
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			
TYPED OR PRINTED						SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT		AREA CODE	NUMBER	YEAR	MO

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

Hunting Creek North

Date	Flow	INFLUENT					
		Concentration			Pounds		
		TSS	BOD	NH3	TSS	BOD	NH3
11/1/2009	0.358						
11/2/2009	0.288						
11/3/2009	0.258	118	93	11	253.903	200.110	23.669
11/4/2009	0.249						
11/5/2009	0.242						
11/6/2009	0.239						
11/7/2009	0.22						
11/8/2009	0.218						
11/9/2009	0.206						
11/10/2009	0.2	506	314	21	844.008	523.752	35.028
11/11/2009	0.194						
11/12/2009	0.192						
11/13/2009	0.177						
11/14/2009	0.192						
11/15/2009	0.202						
11/16/2009	0.271						
11/17/2009	0.233	126	132	17	244.846	256.505	33.035
11/18/2009	0.229						
11/19/2009	0.229						
11/20/2009	0.194						
11/21/2009	0.184						
11/22/2009	0.187						
11/23/2009	0.183						
11/24/2009	0.187	68	110	33	106.051	171.554	51.466
11/25/2009	0.185						
11/26/2009	0.189						
11/27/2009	0.163						
11/28/2009	0.172						
11/29/2009	0.172						
11/30/2009	0.161						
12/1/2009							
Average	0.212	205	162	20.50	362.202	287.980	35.799
Maximum	0.358	506	314	33.00	844.0	523.75	51.466

Hunting Cr. No.		Report for Nov-09				Tot. Exc.= 0 (Influent data below.)						
Tot. Flow= 6.374		Concentrations				Pounds						
Date	Flow	TSS	BOD	NH3	Fecal	TSS	BOD	NH3	T. Phos	TSS Rem	BOD Rem	
11/1/09	0.358											
11/2/09	0.288											
11/3/09	0.258	7	4	0.055	1	15.062	8.607	0.118	0.564	0.940678	0.956989	
11/4/09	0.249											
11/5/09	0.242											
11/6/09	0.239											
11/7/09	0.22											
11/8/09	0.218											
11/9/09	0.206											
11/10/09	0.2	5	2	0.056	1	8.340	3.336	0.093	0.397	0.990119	0.993631	
11/11/09	0.194											
11/12/09	0.192											
11/13/09	0.177											
11/14/09	0.192											
11/15/09	0.202											
11/16/09	0.271											
11/17/09	0.233	6	3	0.28	1	11.659	5.830	0.544	0.683	0.952381	0.977273	
11/18/09	0.229											
11/19/09	0.229											
11/20/09	0.194											
11/21/09	0.184											
11/22/09	0.187											
11/23/09	0.183											
11/24/09	0.187	5	2	0.056	1	7.798	3.119	0.087	0.504	0.926471	0.981818	
11/25/09	0.185											
11/26/09	0.189											
11/27/09	0.163											
11/28/09	0.172											
11/29/09	0.172											
11/30/09	0.161											
Average	0.212	5.75	2.75	0.11	1.00	10.71	5.22	0.21	0.54	97%	98%	
Maximum	0.358	7.00	4.00	0.28	1.00	15.06	8.61	0.54	0.68			
Exceed.	0	0	0	0	0	0	0	0	0	0	0	
DailyMX		0	0	0	0	0	0	0	0			
MoAVG		0	0	0	0	0	0	0	0	0	0	
Minimum	0.161 MIN	MAX										
DO (min)												