



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

October 22, 2009

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

**Re: MSD Metro Operations
North Hunting Creek; WQTC KPDES No.: KY0029106
Discharge Monitoring Reports –September 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 September 2009.

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

Sincerely,

A handwritten signature in black ink, appearing to read "D.J. Rheinlaender", is written over the word "Sincerely,".

D.J. Rheinlaender
Process Supervisor - Operations

DJR/HCN 0909

Enclosures

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



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

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

MINOR
(SUBR LV)
F - FINAL

JEFF

MUNICIPAL DISCHARGE
EFFLUENT

*** NO DISCHARGE 1-1-1 ***

NOTE: Read Instructions before completing this form.

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

NAME HUNTING CREEK N WQTC MSD
ADDRESS C/O 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 OPS

KY0029106
PERMIT NUMBER

001 1
DISCHARGE NUMBER

MONITORING PERIOD

FROM	YEAR	MO	DAY	TO	YEAR	MO	DAY
	07	07	01		07	07	30

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	1/7	GR
00300 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	*****	7	*****	*****	MG/L		WEEKLY	GRAS
PH	*****	*****			7.4	*****	*****	(12)	0	1/7	GR
00400 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	*****	6.0	*****	7.0	EU		WEEKLY	GRAS
SOLIDS, TOTAL SUSPENDED	*****	*****			*****	*****	*****	(19)	0	1/7	CP
00500 6 0 0 RAW SEW/INFLUENT	PERMIT REQUIREMENT	REPORT MO AVG	REPORT MX WK AV	LB/SDY	*****	REPORT MO AVG	REPORT MX WK AV	MG/L		WEEKLY	LUMPUS
SOLIDS, TOTAL SUSPENDED	*****	*****			*****	*****	*****	(19)	0	1/7	CP
00500 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	90	134	LB/SDY	*****	30	45	MG/L		WEEKLY	LUMPUS
NITROGEN, AMMONIA TOTAL (AS N)	*****	*****			*****	*****	*****	(19)	0	1/7	CP
00610 6 0 0 RAW SEW/INFLUENT	PERMIT REQUIREMENT	REPORT MO AVG	REPORT MX WK AV	LB/SDY	*****	REPORT MO AVG	REPORT MX WK AV	MG/L		WEEKLY	LUMPUS
NITROGEN, AMMONIA TOTAL (AS N)	*****	*****			*****	*****	*****	(19)	0	1/7	CP
00610 1 1 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	6.0	9.0	LB/SDY	*****	2	3	MG/L		WEEKLY	LUMPUS
PHOSPHORUS, TOTAL (AS P)	*****	*****			*****	*****	*****	(19)	0	5/30	CP
00665 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	*****	*****	REPORT MO AVG	REPORT MX WK AV	MG/L		WICE/MONTH	LUMPUS

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
EXCUTIVE
H J Schoedon
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
508 546 6000
DATE
09 10 19

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/O CEDAR CREEK WQTC
/ 9405 CEDAR CREEK RD
LOUISVILLE KY 40211
FACILITY HUNTING CREEK N WQTC MSD
LOCATION PROSPECT KY 40059
ATTN: DENNIS THOMASSEN, SR METRO OPS

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

KY0029102
PERMIT NUMBER

001 1
DISCHARGE NUMBER

MINOR (SUBR LV)
F - FINAL
MUNICIPAL DISCHARGE EFFLUENT
JEFFE

MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY
07	07	01		07	07	30

*** 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			
FLOW, IN CONDUIT OR THRU TREATMENT PLANT 50050 1 0 0 EFFLUENT GROSS VALUE	0.226	0.526	(CS)	*****	*****	*****		0	C/N	C/N	
PERMIT REQUIREMENT	30DA AVG	DAILY MX	MGD	*****	*****	*****	****		CONTINUOUS	CONTINUOUS	
CHLORINE, TOTAL RESIDUAL 50060 1 0 0 EFFLUENT GROSS VALUE	*****	*****		*****	50.010	50.010	(19)	0	1/7	GR	
PERMIT REQUIREMENT	*****	*****	****	*****	0.011	0.019	MG/L		WEEKLY	GR	
CHLOROPH, FECAL GENERAL 74055 1 0 0 EFFLUENT GROSS VALUE	*****	*****		*****	1	1	(13)	0	1/7	GR	
PERMIT REQUIREMENT	*****	*****	****	*****	200	400	MG/L		WEEKLY	GR	
30D, CARBONACEOUS 5 DAY, 20C 30082 0 0 0 RAW SEW/INFLUENT	324	352	(26)	*****	193	217	(19)	0	1/7	CP	
PERMIT REQUIREMENT	MO AVG	MX WK AV	LBS/DY	*****	MO AVG	MX WK AV	MG/L		WEEKLY	CP	
30D, CARBONACEOUS 5 DAY, 20C 30082 1 0 0 EFFLUENT GROSS VALUE	5	5	(25)	*****	3	3	(19)	0	1/7	CP	
PERMIT REQUIREMENT	30	45	LBS/DY	*****	10	15	MG/L		WEEKLY	CP	
30D, CARB-5 DAY, 20 DEG C, PERCENT REMVL 30091 0 0 0 PERCENT REMOVAL	*****	*****		99	*****	*****	(25)	0	1/30	CA	
PERMIT REQUIREMENT	*****	*****	****	85	*****	*****	PER-CENT		ONCE/MONTH	CALC'D	
30D, CARB-5 DAY, 20 DEG C, PERCENT REMVL 30091 0 0 0 PERCENT REMOVAL	*****	*****		98	*****	*****	(25)	0	1/30	CA	
PERMIT REQUIREMENT	*****	*****	****	85	*****	*****	PER-CENT		ONCE/MONTH	CALC'D	

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
EXEC. DIR
H. J. Thomasen Sr.
TYPED OR PRINTED

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SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE
502.416.4400
DATE
09 10 19

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

Hunting Creek North

INFLUENT

Date	Flow	Concentration			Pounds		
		TSS	BOD	NH3	TSS	BOD	NH3
9/1/2009	0.186	236	185	40	366.093	286.979	62.050
9/2/2009	0.18						
9/3/2009	0.187						
9/4/2009	0.173						
9/5/2009	0.177						
9/6/2009	0.17						
9/7/2009	0.202						
9/8/2009	0.189	302	217	28	476.031	342.048	44.135
9/9/2009	0.195						
9/10/2009	0.198						
9/11/2009	0.178						
9/12/2009	0.176						
9/13/2009	0.183						
9/14/2009	0.187	322	202	29	502.185	315.035	
9/15/2009	0.211						
9/16/2009	0.183						
9/17/2009	0.191						
9/18/2009	0.17						
9/19/2009	0.165						
9/20/2009	0.165						
9/21/2009	0.526						
9/22/2009	0.25	82	169	23	170.970	352.365	47.955
9/23/2009	0.308						
9/24/2009	0.321						
9/25/2009	0.348						
9/26/2009	0.327						
9/27/2009	0.321						
9/28/2009	0.27						
9/29/2009	0.226						
9/30/2009	0.211						
Average	0.226	236	193	30.00	378.819	324.107	51.380
Maximum	0.526	322	217	40.00	502.2	352.37	62.050