



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

June 9, 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 –May2010

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 May 2010.

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,

A handwritten signature in black ink, appearing to read "D.J. Rheinlaender", is written over a light blue horizontal line.

D.J.Rheinlaender
Process Supervisor - Operations

DJR/HCN 0510

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 IN WQTC MSD

ADDRESS C/O CEDAR CREEK WQTC

8405 CEDAR CREEK RD

LOUISVILLE

KY 40211

FACILITY HUNTING CREEK IN 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

MINDR

(SUBR LV)

F - FINAL

MUNICIPAL DISCHARGE

EFFLUENT

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

JEFF

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 (DO)	SAMPLE MEASUREMENT	*****	*****		8	*****	*****	(17)	0	01/07	CR
00300 1 0 0	PERMIT REQUIREMENT	*****	*****	****	7	*****	*****	MG/L		WEEKLY	GRAB
EFFLUENT GROSS VALUE				****	INST. MIN						
PH	SAMPLE MEASUREMENT	*****	*****		7.8	*****	8.1	(12)	0	01/07	GR
00400 1 0 0	PERMIT REQUIREMENT	*****	*****	****	6.0	*****	9.0	BU		WEEKLY	GRAB
EFFLUENT GROSS VALUE				****	MINIMUM		MAXIMUM				
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	428	680	(26)	*****	259	436	(17)	0	01/07	CP
00530 3 0 0	PERMIT REQUIREMENT	REPORT	REPORT		*****	REPORT	REPORT	MG/L		WEEKLY	COMPOS
RAW SEW/INFLUENT		MO AVG	MX WK AV	LBS/DY		MO AVG	MX WK AV				
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	17	30	(26)	*****	9	10	(17)	0	01/07	CP
00530 1 0 0	PERMIT REQUIREMENT	90	134		*****	30	45	MG/L		WEEKLY	COMPOS
EFFLUENT GROSS VALUE		MO AVG	MX WK AV	LBS/DY		MO AVG	MX WK AV				
NITROGEN, AMMONIA TOTAL (AS N)	SAMPLE MEASUREMENT	31	32	(26)	*****	19	24	(17)	0	01/07	CP
00610 0 0 0	PERMIT REQUIREMENT	REPORT	REPORT		*****	REPORT	REPORT	MG/L		WEEKLY	COMPOS
RAW SEW/INFLUENT		MO AVG	MX WK AV	LBS/DY		MO AVG	MX WK AV				
NITROGEN, AMMONIA TOTAL (AS N)	SAMPLE MEASUREMENT	0.8	1.4	(26)	*****	0.4	0.6	(17)	0	01/07	CP
00610 1 1 0	PERMIT REQUIREMENT	6.0	9.0		*****	2	3	MG/L		WEEKLY	COMPOS
EFFLUENT GROSS VALUE		MO AVG	MX WK AV	LBS/DY		MO AVG	MX WK AV				
PHOSPHORUS, TOTAL (AS P)	SAMPLE MEASUREMENT	*****	*****		*****	0.51	0.73	(17)	0	01/07	CP
00665 1 0 0	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT	REPORT	MG/L		WICE/	COMPOS
EFFLUENT GROSS VALUE				****		MO 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			
TYPED OR PRINTED											
COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT				AREA CODE	NUMBER	YEAR	MO	DAY	

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

NAME HUNTING CREEK N WQTC MSD

ADDRESS C/O CEDAR CREEK WQTC

6405 CEDAR CREEK RD

LOUISVILLE

KY 40211

FACILITY HUNTING CREEK N WQTC MSD

LOCATION PROSPECT KY 40057

ATTN: DENNIS THOMASSEN, SR METRO OPS

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

KY0029106

PERMIT NUMBER

001 1

DISCHARGE NUMBER

MINOR

(SUBR LV)

F - FINAL

MUNICIPAL DISCHARGE

EFFLUENT

*** NO DISCHARGE [] ***

JEFF

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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	0.200	0.359	(03)	*****	*****	*****				
50050 1 0 0	PERMIT REQUIREMENT	REPORT	REPORT		*****	*****	*****	****			
EFFLUENT GROSS VALUE		30DA AVG	DAILY MX	MGD				****			
CHLORINE, TOTAL RESIDUAL	SAMPLE MEASUREMENT	*****	*****		*****	<0.010	<0.010	(17)			
50060 1 0 0	PERMIT REQUIREMENT	*****	*****	****	*****	0.011	0.017				
EFFLUENT GROSS VALUE				****		MD AVG	DAILY MX	MG/L			
COLIFORM, FECAL GENERAL	SAMPLE MEASUREMENT	*****	*****		*****	14	34	(13)			
74055 1 0 0	PERMIT REQUIREMENT	*****	*****	****	*****	200	400	*/			
EFFLUENT GROSS VALUE				****		30DA GEO	7 DA GEO	100ML			
BOD, CARBONACEOUS 5 DAY, 20C	SAMPLE MEASUREMENT	404	537	(26)	*****	244	344	(19)			
50082 9 0 0	PERMIT REQUIREMENT	REPORT	REPORT		*****	REPORT	REPORT				
RAW SEW/INFLUENT		MD AVG	MX WK AV	LBS/DY		MD AVG	MX WK AV	MG/L			
BOD, CARBONACEOUS 5 DAY, 20C	SAMPLE MEASUREMENT	5	9	(26)	*****	3	4	(19)			
50082 1 0 0	PERMIT REQUIREMENT	30	45		*****	10	15				
EFFLUENT GROSS VALUE		MD AVG	MX WK AV	LBS/DY		MD AVG	MX WK AV	MG/L			
BOD, CARB-5 DAY, 20 DEG C, PERCENT REMVL	SAMPLE MEASUREMENT	*****	*****		99	*****	*****	(25)			
50091 K 0 0	PERMIT REQUIREMENT	*****	*****	****	85	*****	*****	PER-			
PERCENT REMOVAL				****	MO MIN			CENT			
SOLIDS, SUSPENDED PERCENT REMOVAL	SAMPLE MEASUREMENT	*****	*****		97	*****	*****	(25)			
51011 K 0 0	PERMIT REQUIREMENT	*****	*****	****	85	*****	*****	PER-			
PERCENT REMOVAL				****	MO MIN			CENT			
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 TSS	BOD	NH3	TSS	Pounds BOD	NH3
5/1/2010	0.32						
5/2/2010	0.274						
5/3/2010	0.313						
5/4/2010	0.359	122	123	9.52	365.275	368.269	28.503
5/5/2010	0.288						
5/6/2010	0.218						
5/7/2010	0.224						
5/8/2010	0.193						
5/9/2010	0.18						
5/10/2010	0.177						
5/11/2010	0.172	314	330	22	450.427	473.378	31.559
5/12/2010	0.192						
5/13/2010	0.175						
5/14/2010	0.189						
5/15/2010	0.169						
5/16/2010	0.187						
5/17/2010	0.183						
5/18/2010	0.187	436	344	20.16	679.977	536.496	31.441
5/19/2010	0.164						
5/20/2010	0.164						
5/21/2010	0.17						
5/22/2010	0.178						
5/23/2010	0.176						
5/24/2010	0.16						
5/25/2010	0.16	162	177	23.52	216.173	236.189	31.385
5/26/2010	0.156						
5/27/2010	0.152						
5/28/2010	0.16						
5/29/2010	0.158						
5/30/2010	0.195						
5/31/2010	0.196						
Average	0.200	259	244	18.80	427.963	403.583	30.722
Maximum	0.359	436	344	23.52	680.0	536.50	31.559

[illegible]