



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 North; WQTC KPDES No.: KY0029106
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 North WQTC, KPDES No.: KY0029106 for the month of November 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,

A handwritten signature in black ink that reads "Richard W. Mills". The signature is written in a cursive style with a large initial "R".

Richard W. Mills
Process Supervisor – East Region

RWM/HCN 1110

Enclosures

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



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

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

MINOR
(SUBR LV)

F - FINAL
MUNICIPAL DISCHARGE
EFFLUENT

JEFFS

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 THOMASSEN, SR METRO OPS

KY0029106
PERMIT NUMBER

001 1
DISCHARGE NUMBER

MONITORING PERIOD

FROM	YEAR	MO	DAY	TO	YEAR	MO	DAY
	10	11	01		10	11	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			
OXYGEN, DISSOLVED (DO)	*****	*****			8	*****	*****	(19)	0	1/7	GR
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	INST MIN	*****	*****	MG/L		WEEKLY	GRAB
PH	*****	*****			7.0	*****	7.3	(12)	0	1/7	GR
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	MINIMUM	*****	MAXIMUM	50		WEEKLY	GRAB
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	RM 321	RM 459	(26)	*****	RM 260	RM 5382	(19)	0	1/7	CP
RAW SEW/INFLUENT	PERMIT REQUIREMENT	REPORT MD AVG	REPORT MX WK AV	LBS/DY	*****	REPORT MD AVG	REPORT MX WK AV	MG/L		WEEKLY	SAMPLES
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	9	17	(26)	*****	8	15	(19)	0	1/7	CP
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	70 MD AVG	134 MX WK AV	LBS/DY	*****	30 MD AVG	45 MX WK AV	MG/L		WEEKLY	SAMPLES
NITROGEN, AMMONIA TOTAL (AS N)	SAMPLE MEASUREMENT	42	62	(26)	*****	34	43	(19)	0	1/7	CP
RAW SEW/INFLUENT	PERMIT REQUIREMENT	REPORT MD AVG	REPORT MX WK AV	LBS/DY	*****	REPORT MD AVG	REPORT MX WK AV	MG/L		WEEKLY	SAMPLES
NITROGEN, AMMONIA TOTAL (AS N)	SAMPLE MEASUREMENT	0.3	0.5	(26)	*****	0.2	0.3	(19)	0	1/7	CP
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	15 MD AVG	22 MX WK AV	LBS/DY	*****	5 MD AVG	7.5 MX WK AV	MG/L		WEEKLY	SAMPLES
PHOSPHORUS, TOTAL (AS P)	SAMPLE MEASUREMENT	*****	*****		*****	0.37	0.50	(19)	0	1/7	CP
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT MD AVG	REPORT MX WK AV	MG/L		WEEKLY	SAMPLES MONTH

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
M.J. Schardein
Executive 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 Mills
SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE 502 540-6000
DATE 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 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 40057
 ATTN: DENNIS THOMASSON, 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 ***

JEFFE

MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY
10	11	01		10	11	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	0.185	0.813	(03)	*****	*****	*****		0	CN	CN	
50050 1 0 0 EFFLUENT GROSS VALUE	REPORT	REPORT		*****	*****	*****	****				
30DA AVG	DAILY MX	MGD									
CHLORINE, TOTAL RESIDUAL	*****	*****		*****	<0.010	<0.010	(19)	0	1/7	GR	
50060 1 0 0 EFFLUENT GROSS VALUE	*****	*****	****	*****	0.011	0.017					
30DA AVG	DAILY MX	MG/L									
COLIFORM, FECAL GENERAL	*****	*****		*****	7	48	(10)	0	1/7	GR	
74055 1 0 0 EFFLUENT GROSS VALUE	*****	*****	****	*****	200	400	#/100ML				
30DA AVG	DAILY MX	MG/L									
BOD, CARBONACEOUS 5 DAY, 20C	227	383	(26)	*****	194	348	(19)	0	1/7	CP	
80082 0 0 0 RAW SEW/INFLUENT	REPORT	REPORT		*****	REPORT	REPORT					
MO AVG	MX WK AV	LBS/DY									
BOD, CARBONACEOUS 5 DAY, 20C	3	4	(26)	*****	3	4	(29)	0	1/7	CP	
80082 1 0 0 EFFLUENT GROSS VALUE	30	45		*****	10	15					
MO AVG	MX WK AV	LBS/DY									
BOD, CARB-5 DAY, 20 DEG C, PERCENT REMVL	*****	*****		*****	99	*****	(20)	0	1/30	CA	
80091 K 0 0 0 PERCENT REMOVAL	*****	*****	****	*****	85	*****					
MO MIN	*****	*****									
SOLIDS, SUSPENDED PERCENT REMOVAL	*****	*****		*****	97	*****	(21)	0	1/30	CA	
81011 K 0 0 0 PERCENT REMOVAL	*****	*****	****	*****	85	*****					
MO MIN	*****	*****									

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER HJ Schardew Executive Director	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 502-540-6000	DATE		
			AREA CODE	NUMBER	YEAR
TYPED OR PRINTED	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT Richard Mills		70	12	10

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

Hunting Creek North

Hunting Cr. No.		Report for	Nov-10				Tot. Exc.= 0 (Influent data below.)						
Tot. Flow= 5.551		Concentrations							Pounds				
Date	Flow	TSS	BOD	NH3	Fecal	TSS	BOD	NH3	T. Phos	TSS Rem	BOD Rem		
11/1/10	0.132	15	4	0.14	48	16.513	4.404	0.154	0.249	0.895833	0.988506		
11/2/10	0.138												
11/3/10	0.133												
11/4/10	0.136												
11/5/10	0.136												
11/6/10	0.147												
11/7/10	0.189												
11/8/10	0.172	3	2	0.34	41	4.303	2.869	0.488	0.501	0.990446	0.984252		
11/9/10	0.162												
11/10/10	0.126												
11/11/10	0.118												
11/12/10	0.115												
11/13/10	0.123												
11/14/10	0.128												
11/15/10	0.129	9	2	0.22	1	9.683	2.152	0.237	0.500	0.955	0.986301		
11/16/10	0.189												
11/17/10	0.168												
11/18/10	0.136												
11/19/10	0.125												
11/20/10	0.126												
11/21/10	0.149												
11/22/10	0.144	5	3	0.22	1	6.005	3.603	0.264	0.237	0.986911	0.980392		
11/23/10	0.137												
11/24/10	0.192												
11/25/10	0.813												
11/26/10	0.328												
11/27/10	0.186												
11/28/10	0.176												
11/29/10	0.169												
11/30/10	0.429												
12/1/10													
Average	0.185	8.00	2.75	0.23	6.66	9.13	3.26	0.29	0.37	97%	99%		
Maximum	0.813	15.00	4.00	0.34	48.00	16.51	4.40	0.49	0.50				

Hunting Creek North

INFLUENT

Date	Flow	Concentration			Pounds		
		TSS	BOD	NH3	TSS	BOD	NH3
11/1/2010	0.132	144	348	26	158.527	383.106	28.623
11/2/2010	0.138						
11/3/2010	0.133						
11/4/2010	0.136						
11/5/2010	0.136						
11/6/2010	0.147						
11/7/2010	0.189						
11/8/2010	0.172	314	127	43	450.427	182.179	61.683
11/9/2010	0.162						
11/10/2010	0.126						
11/11/2010	0.118						
11/12/2010	0.115						
11/13/2010	0.123						
11/14/2010	0.128						
11/15/2010	0.129	200	146	37	215.172	157.076	39.807
11/16/2010	0.189						
11/17/2010	0.168						
11/18/2010	0.136						
11/19/2010	0.125						
11/20/2010	0.126						
11/21/2010	0.149						
11/22/2010	0.144	382	153	31	458.767	183.747	37.230
11/23/2010	0.137						
11/24/2010	0.192						
11/25/2010	0.813						
11/26/2010	0.328						
11/27/2010	0.186						
11/28/2010	0.176						
11/29/2010	0.169						
11/30/2010	0.429						
12/1/2010							
Average	0.185	260	194	34.25	320.723	226.527	41.836
Maximum	0.813	382	348	43.00	458.8	383.11	61.683